

**AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8**

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5698 (03-2000)

Received

MAR 7 2016

Well File No.	11745
NDIC CTB No.	111745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES.

ND Oil & Gas Division

Well Name and Number Basic Game & Fish 34-3H	Qtr-Qtr SWSW	Section 2	Township 153 N	Range 101 W	County McKenzie
Operator RIM Operating, Inc	Telephone Number 303-799-9828		Field Baker		
Address 5 Inverness Drive East	City Englewood		State CO	Zip Code 80112	

Name of First Purchaser Mercuria Energy Trading, Inc.	Telephone Number 832-209-2400	% Purchased 100	Date Effective March 1, 2016
Principal Place of Business 20 Greenway Plaza, Suite 650	City Houston	State TX	Zip Code 77046
Field Address	City	State	Zip Code
Name of Transporter Rocky Mountain Crude Oil LLC	Telephone Number 877-651-9351	% Transported 100	Date Effective March 1, 2016
Address 490 North 31st Street #2010	City Billings	State MT	Zip Code 59101

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments		

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.	Date March 3, 2016
Signature 	Printed Name Liz Ortiz
	Title Engineering Technician

Above Signature Witnessed By	
Witness Signature 	Witness Printed Name Ken Kundrik
	Witness Title A&D Manager

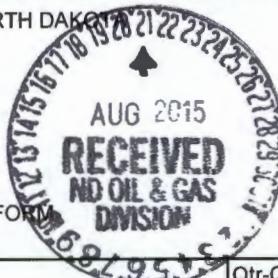
FOR STATE USE ONLY	
Date Approved MAR 17 2016	
By	
Title 	

Oil & Gas Production Analyst



AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5698 (03-2000)



Well File No.	11745
NDIC CTB No.	111745

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Well Name and Number Basic Game & Fish 34-3H	Qtr-Qtr SWSW	Section 2	Township 153 N	Range 101 W	County McKenzie
Operator RIM Operating, Inc	Telephone Number 303-799-9828		Field Baker		
Address 5 Inverness Drive East	City Englewood		State CO	Zip Code 80112	

Name of First Purchaser PetroChina International America, Inc.	Telephone Number 832-325-5317	% Purchased 100	Date Effective September 1, 2015
Principal Place of Business 2000 W Sam Houston Parkway South	City Houston	State TX	Zip Code 77042
Field Address	City	State	Zip Code
Name of Transporter Badlands Tank Lines, LLC	Telephone Number 402-281-0646	% Transported 100	Date Effective September 1, 2015
Address 2211 South 156th Circle #2B	City Omaha	State NE	Zip Code 68116
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments		

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.	Date August 18, 2015
Signature 	Printed Name Liz Ortiz
Title Engineering Technician	

Above Signature Witnessed By	Witness Signature 	Witness Printed Name Ken Kundrik	Witness Title A&D Manager
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FOR STATE USE ONLY	
Date Approved AUG 24 2015	
By	
Title Oil & Gas Production Analyst	



AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5698 (03-2000)



Well File No.	11745
NDIC CTB No.	111745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
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Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr SWSW	Sector 2	Township 153 N	Range 101 W	County MCKENZIE
Operator RIM OPERATING, INC.	Telephone Number 303-799-9828		Field BAKER		
Address 5 INVERNESS DRIVE EAST	City ENGLEWOOD		State CO	Zip Code 80112	

Name of First Purchaser PLAINS MARKETING, L.P.	Telephone Number 713-646-4100	% Purchased 100	Date Effective May 16, 2013
Principal Place of Business PO BOX4648	City HOUSTON	State TX	Zip Code 77210
Field Address 303 6TH AVE NE	City BELFIELD	State ND	Zip Code 58622
Name of Transporter PLAINS MARKETING, L.P.	Telephone Number 701-575-4349	% Transported 100	Date Effective May 16, 2013
Address 303 6TH AVE NE	City BELFIELD	State ND	Zip Code 58622
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments		

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.	Date May 23, 2013	
Signature 	Printed Name KEN KUNDRIK	Title OPERATIONS MANAGER

Above Signature Witnessed By	Witness Signature 	Witness Printed Name KIM NEABUHR	Witness Title REVENUE ACCOUNTANT
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FOR STATE USE ONLY		
Date Approved MAY 28 2013		
By 		
Title Oil & Gas Production Analyst		



Oil and Gas Division

Lynn D. Helms - Director

Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas

11745

May 24, 2013

Rene Morin
Rim Operating, Inc.
5 Inverness Drive East
Englewood, CO 80112-5519

**RE: CHANGE OF OPERATOR FROM SM ENERGY COMPANY
TO RIM OPERATING, INC.
15 WELLS**

Dear Rene Morin:

Please find enclosed a copy of the approved Form 15, Notice of Transfer of Oil and Gas Wells, in regard to the above-referenced matter. This transfer has now been approved and subject wells are now covered by Bond No. RLB0013610, RLI Insurance Company as Surety.

If you should have any questions, please feel free to contact this office.

Sincerely,

Jeanette Bean
Administrative Assistant

Enclosure

cc: Mark Mueller
SM Energy Company
PO Box 7168
Billings, MT 59103



NOTICE OF TRANSFER OF OIL AND GAS WELLS FORM 15

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5762 (03-2000)

FOR STATE USE ONLY

NDIC Bond Number

R 312



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM. PLEASE SUBMIT THE ORIGINAL AND SIX COPIES.
THIS NOTICE ALONG WITH A FEE OF \$25.00 PER WELL SHALL BE FILED AT LEAST THIRTY DAYS BEFORE THE CLOSING DATE OF TRANSFER.

TRANSFERRING OPERATOR

Name of Operator Representative Mark Mueller			
Operator Transferring Oil and/or Gas Wells SM Energy Company			
Address P.O. Box 7168	City Billings	State MT	Zip Code 59103
I, the above named representative, acknowledge the transfer of the oil and/or gas wells named below for the purpose of ownership and/or operation to the company named below.			
Signature 	Title (Must be an officer or power of attorney must be attached) Sr VP/Regional Manager		Date 5/3/2013

Well File Number	Requested Official Well Name and Number	Location (Qtr-Qtr, S-T-R)	Assignment Date

RECEIVING OPERATOR

Name of Operator Representative Rene Morin			
Operator Receiving Oil and/or Gas Wells Rim Operating, Inc.			
Address 5 Inverness Drive East	City Englewood	State CO	Zip Code 80112-5519
I, the above named representative, have read the foregoing statement and accept such transfer, also the responsibility of ownership and/or operation of said well or wells, under the said company bond, said bond being tendered to or on file with the Industrial Commission of North Dakota.			
Signature 	Title (Must be an officer or power of attorney must be attached) Vice President		Date 5-15-13

SURETY COMPANY

Surety RLI Insurance Company	Telephone Number 713-961-1300	Amount of Bond \$ 100,000.00		
Address 8 Greenway Plaza, Ste.400	City Houston	State TX	Zip Code 77046	Bond Number RLB0013610

The above named SURETY agrees that such bond shall extend to compliance with Chapter 38-08 of North Dakota Century Code and amendments and the rules and regulations of the Industrial Commission of North Dakota prescribed to govern the production of oil and gas on government and private lands within the State of North Dakota, in relation to the above stated transfer; it being further agreed and understood that the bond sum or amount is not to be considered increased because of such extension.

Signature 	Title (Must be an officer or power of attorney must be attached) Attorney-in-Fact	Date 05-22-13
Printed Name Robbie Duxbury	FOR STATE USE ONLY	

Date Approved 	By Bruce E. Luchs
Title Assistant Director	

Well File No.	Well Name	Gross Acres	Field	County	SI	Quarter	Section	Township	Range
14792	BOSS 12-17	160	STOCKYARD CREEK	WILLIAMS	ND	SWNW	17	154N	99W
14716	BOSS 41-17	160	STOCKYARD CREEK	WILLIAMS	ND	NENE	17	154N	99W
13556	CHURCH 1-2X ST	320	NAMELESS	MCKENZIE	ND	NENW	2	150N	102W
15358	LEWIS & CLARK 2-4H	604.3	BAKER	MCKENZIE	ND	SENE	4	153N	101W
45	BASIC GAME & FISH 34-3H	320	BAKER	MCKENZIE	ND	SWSW	2	153N	101W
20	CORPS OF ENGINEERS 31-10	320	BAKER	MCKENZIE	ND	NWNE	10	153N	101W
11137	PEDERSON 5-24 (DUP)	160	HARDSCRABBLE	WILLIAMS	ND	NWSW	24	153N	102W
11238	COULTER 1-19	156	INDIAN HILL	WILLIAMS	ND	SWNW	19	153N	101W
11490	CURRAN 1-1	160	DUBLIN	WILLIAMS	ND	NENW	1	157N	100W
9102	CHURCH 1-2S	160	NAMELESS	MCKENZIE	ND	NWNW	2	150N	102W
10681	SKURDAL 2-24HR	640	HARDSCRABBLE	WILLIAMS	ND	NENW	24	153N	102W
8322	LINK 34-1S	160	NAMELESS	MCKENZIE	ND	NESW	34	151N	102W
5856	YELLOWSTONE STATE 1-36	320	YELLOWSTONE	MCKENZIE	ND	NENW	36	150N	104W
13428	SKURDAL 6-24 RR	320	HARDSCRABBLE	WILLIAMS	ND	SWSE	24	153N	102W
9481	LINDECKER 1-35 SWD		UNKNOWN	MCKENZIE	ND	NWSW	35	151N	102W



SUNDRY NOTICES AND REPORTS ON WELLS - FORM A

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5749 (09-2006)

Well File No.
11745



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.

PLEASE SUBMIT THE ORIGINAL AND ONE COPY.

<input type="checkbox"/> Notice of Intent	Approximate Start Date 	<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input checked="" type="checkbox"/> Report of Work Done	Date Work Completed July 23, 2012	<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	Approximate Start Date 	<input type="checkbox"/> Casing or Liner	<input type="checkbox"/> Acidizing
		<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
		<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
		<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
		<input checked="" type="checkbox"/> Other	Return to Production

Well Name and Number

Basic Game & Fish 34-3H

Footages	Qtr-Qtr	Section	Township	Range
392 F S L	494 F W L	SWSW	2	153 N 101 W
Field Baker	Pool Madison		County McKenzie	

24-HOUR PRODUCTION RATE

Before	After
Oil	Bbls
Water	Bbls
Gas	MCF
	Gas
	MCF

Name of Contractor(s)

Address:

City

State

Zip Code

DETAILS OF WORK

The Basic Game & Fish 34-3H was returned to production on 7/23/12 after being SI due to flooding in Baker Field.

Company SM Energy Company	Telephone Number (406) 245-6248	
Address P.O. Box 7168		
City Billings	State MT	Zip Code 59103
Signature <i>Cris Rogers</i>	Printed Name Cris Rogers	
Title Operations Engineer	Date July 27, 2012	
Email Address crogers@sm-energy.com		

FOR STATE USE ONLY

<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date <i>September 7, 2012</i>	
By <i>D. J. McAlley</i>	
Title PETROLEUM ENGINEER	

Industrial Commission of North Dakota
Oil and Gas Division
Spill / Incident Report

Date/Time Reported : Apr 28 2010 / 08:44

State Agency person :

Responsible Party :

Well Operator : ST MARY LAND & EXPLORATION COMPANY

Date/Time of Incident : 4/27/2010 12:00:00 AM

NDIC File Number : 11745

Facility Number :

Well or Facility Name : BASIC GAME AND FISH 34-3

Field Name : BAKER

County : MCKENZIE

Section : 2

Township : 153

Range : 101

Quarter-Quarter : SW

Quarter : SW

Distance to nearest residence : 1.25 Miles

Distance to nearest water well : 0.5 Miles

Release Oil : 0 barrels

Release Brine : 8 barrels

Release Other : 0 barrels

Recovered Oil : 0 barrels

Recovered Brine : 0 barrels

Recovered Other : 0 barrels

Has/Will the incident be reported to the NRC? : No

Was release contained : Yes - Within Dike

Description of other released substance :

Immediate risk evaluation : None.

Followup Report Requested Y/N : N

Industrial Commission of North Dakota
Oil and Gas Division
Spill / Incident Report

Date/Time Reported : Jul 8 2009 / 12:37

State Agency person :

Responsible Party :

Well Operator : SM ENERGY COMPANY

Date/Time of Incident : 7/3/2009 12:00:00 AM

NDIC File Number : 11745

Facility Number :

Well or Facility Name : BASIC GAME AND FISH 34-3

Field Name : BAKER

County : MCKENZIE

Section : 2

Township : 153

Range : 101

Quarter-Quarter : SW

Quarter : SW

Distance to nearest residence : 3 Miles

Distance to nearest water well : 0.5 Miles

Release Oil : 3 barrels

Release Brine : 0 barrels

Release Other : 0 barrels

Recovered Oil : 3 barrels

Recovered Brine : 0 barrels

Recovered Other : 0 barrels

Has/Will the incident be reported to the NRC? : No

Was release contained :

Description of other released substance :

Immediate risk evaluation : None

Followup Report Requested Y/N : N

Industrial Commission of North Dakota
Oil and Gas Division
Spill / Incident Report

Date/Time Reported : Jun 19 2008 / 10:53

State Agency person :

Responsible Party :

Well Operator : ST MARY LAND & EXPLORATION COMPANY

Date/Time of Incident : 6/18/2008 12:00:00 AM

NDIC File Number : 11745

Facility Number :

Well or Facility Name : BASIC GAME AND FISH 34-3

Field Name : BAKER

County : MCKENZIE

Section : 2

Township : 153

Range : 101

Quarter-Quarter : SW

Quarter : SW

Distance to nearest residence : 5 Miles

Distance to nearest water well : 5 Miles

Release Oil : 0 barrels

Release Brine : 7 barrels

Release Other : 0 barrels

Recovered Oil : 0 barrels

Recovered Brine : 5 barrels

Recovered Other : 0 barrels

Has/Will the incident be reported to the NRC? : No

Was release contained : Yes - Within Dike

Description of other released substance :

Immediate risk evaluation :



SUNDRY NOTICES AND REPORTS ON WELLS - FORM

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5749 (09-2006)



Well File No.
11745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.

PLEASE SUBMIT THE ORIGINAL AND ONE COPY.

<input checked="" type="checkbox"/> Notice of Intent	Approximate Start Date
<input type="checkbox"/> Report of Work Done	Date Work Completed
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	
Approximate Start Date	

<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Casing or Liner	<input type="checkbox"/> Acidizing
<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Other	SHUT IN

Well Name and Number
BASIC GAME & FISH 34-3

Footages	Qtr-Qtr	Section	Township	Range
392 F S L	494 F W	SWSW	2	153 N 101 W
Field	Pool		County	
BAKER	BAKKEN	<i>MADISON</i>	MCKENZIE	

24-HOUR PRODUCTION RATE

	Before	After
Oil	Bbls	Oil
Water	Bbls	Water
Gas	MCF	Gas

Name of Contractor(s)

Address

City

State

Zip Code

DETAILS OF WORK

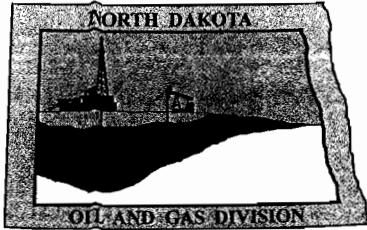
Due to ice jams the above captioned well has been shut in.

Verbal approval to transport oil was given by John Axtman on February 3, 2012.

Company SM Energy	Telephone Number (406) 245-6248
Address P O Box 7168	
City Billings	State MT
Signature <i>Lorena Griggs</i>	Printed Name Lorena Griggs
Title Regulatory & Safety Assistant	Date February 3, 2012
Email Address rgriggs@sm-energy.com	

FOR STATE USE ONLY

<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date <i>February 22, 2012</i>	
By <i>John Axtman</i>	
Title PETROLEUM ENGINEER	



Oil and Gas Division

11745

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov

September 14, 2011

Ms. Maggie Vogl
SM Energy Company
P.O. Box 7168
Billings, MT 59103-7168

**RE: Basic Game and Fish #34-3
SWSW Sec. 2, T.153N., R.101W.
McKenzie County, North Dakota
Baker Field
Well File No. 11745
STRIPPER WELL DETERMINATION**

Dear Ms. Vogl:

SM Energy Company (SM Energy) filed with the North Dakota Industrial Commission – Oil and Gas Division (Commission) on September 12, 2011 an application for a Stripper Well Property Determination for the above captioned well.

Information contained in the application indicates that the above mentioned well is a property pursuant to statute and rule, and SM Energy has elected to designate said well as a separate property for stripper well purposes. The well produced from a well depth greater than 10000 feet. During the qualifying period, February 1, 2009 through January 31, 2010 the well produced at a maximum efficient rate and the average daily production from the well was 26.5 barrels of oil per day during this period.

It is therefore determined that the above captioned well qualifies as a "Stripper Well Property" pursuant to Section 57-51.1-01 of the North Dakota Century Code. This determination is applicable only to the Madison Pool in and under said property.

The Commission shall have continuing jurisdiction, and shall have the authority to review the matter, and to amend or rescind the determination if such action is supported by additional or newly discovered information. If you have any questions, do not hesitate to contact me.

Sincerely,

David J. McCusker
Petroleum Engineer

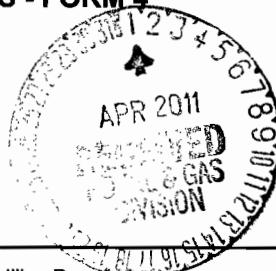
Cc: ND Tax Department



SUNDRY NOTICES AND REPORTS ON WELLS - FORM 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5749 (09-2006)

Well File No.
11745



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<input checked="" type="checkbox"/> Notice of Intent	Approximate Start Date	<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Report of Work Done	Date Work Completed	<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	Approximate Start Date	<input type="checkbox"/> Casing or Liner	<input type="checkbox"/> Acidizing
		<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
		<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
		<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
		<input checked="" type="checkbox"/> Other	Shut In Well

Well Name and Number Basic Game & Fish 34-3H					
Footages 392 F S L	494 F W L	Qtr-Qtr SWSW	Section 3	Township 153 N	Range 101 W
Field Baker	Pool Madison	County McKenzie			

24-HOUR PRODUCTION RATE			
Before		After	
Oil	Bbls	Oil	Bbls
Water	Bbls	Water	Bbls
Gas	MCF	Gas	MCF

Name of Contractor(s)			
Address	City	State	Zip Code

DETAILS OF WORK

3/29/2011 Temporarily Shut In due to Missouri River flooding.

Company SM Energy	Telephone Number	
Address P O Box 7168		
City Billings	State MT	Zip Code 59103
Signature 	Printed Name Luke Studer	
Title Regulatory and Safety Comp. Spec.	Date March 29, 2011	
Email Address		

FOR STATE USE ONLY	
<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date April 5, 2011	
By 	
Title PETROLEUM ENGINEER	

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA

OIL AND GAS DIVISION

600 EAST BOULEVARD DEPT 405

BISMARCK, ND 58505-0840

SFN 5698 (03-2000)

Well File No.

11745

NDIC CTB No.

111745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
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Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr SWSW	Section 2	Township 153 N	Range 101 W	County McKENZIE
Operator SM ENERGY COMPANY	Telephone # 406-245-6248				Field BAKER
Address P O BOX 7168	City BILLINGS		State MT	Zip Code 59103-7168	

Name of First Purchaser Plains Marketing-North Dakota, Inc.	Telephone # 303-850-4284	% Purchased 100	Date Effective January 1, 2011
Principal Place of Business 5660 Greenwood Plaza Blvd., #230	City Greenwood Village	State CO	Zip Code 80111
Field Address PO Box 567	City Plentywood	State MT	Zip Code 59254
Name of Transporter Diamond B Trucking Inc. (TR)	Telephone Number 701-245-6423	% Transported 100	Date Effective January 1, 2011
Address PO Box 445	City Westhope	State ND	Zip Code 58793
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments Nexen purchased by Plains. Name changed to Plains Marketing-North Dakota, Inc.		

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.	Date January 19, 2011
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Signature 	Printed Name Sherry Karst	Title Production Accountant
---	-------------------------------------	---------------------------------------

Above Signature Witnessed By

Witness Signature 	Witness Printed Name Brenda Young	Witness Title Field Tech Support
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FOR STATE USE ONLY

Date Approved	FEB 09 2011
By	
Title	





SUNDRY NOTICES AND REPORTS ON WELLS - FORM 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5749 (09-2006)

Well File No.
11745



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
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<input checked="" type="checkbox"/> Notice of Intent	Approximate Start Date	<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Report of Work Done	Date Work Completed	<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.		<input type="checkbox"/> Casing or Liner	<input type="checkbox"/> Acidizing
Approximate Start Date		<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
		<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
		<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
		<input checked="" type="checkbox"/> Other	Shut In Well

Well Name and Number
Basic Game & Fish 34-3H

Footages	392 F S L	494 F WL	Qtr-Qtr SWSW	Section 3	Township 153 N	Range 101 W
Field	Pool Madison		County McKenzie			

24-HOUR PRODUCTION RATE

Before		After	
Oil	Bbls	Oil	Bbls
Water	Bbls	Water	Bbls
Gas	MCF	Gas	MCF

Name of Contractor(s)

Address

City

State

Zip Code

DETAILS OF WORK

6/30/2010 Temporarily Shut In due to Missouri River flooding.

Company SM Energy	Telephone Number	
Address P O Box 7168		
City Billings	State MT	Zip Code 59103
Signature 	Printed Name Luke Studer	
Title Regulatory and Safety Comp. Spec.	Date July 19, 2010	
Email Address		

FOR STATE USE ONLY

<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date 7-28-10	
By	
Title GLENN L. WOLLAN	
Field Supervisor	

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFSN 5698 (03-2000)



Well File No.
11745

NDIC CTB No.
111745

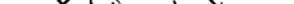
**PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES.**

Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr SWSW	Section 2	Township 153 N	Range 101 W	County MCKENZIE
Operator SM ENERGY COMPANY	Telephone # 406-245-6248	Field BAKER			
Address P O BOX 7168	City BILLINGS	State MT	Zip Code 59103-7168		

Name of First Purchaser Nexen Marketing USA Inc	Telephone # 303-850-4284	% Purchased 100	Date Effective June 1, 2010
Principal Place of Business 5660 Greenwood Plaza Blvd., #230	City Greenwood Village	State CO	Zip Code 80111
Field Address PO Box 567	City Plentywood	State MT	Zip Code 59254
Name of Transporter Diamond B Trucking Inc. (TR)	Telephone Number 701-245-6423	% Transported 100	Date Effective June 1, 2010
Address PO Box 445	City Westhope	State ND	Zip Code 58793
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments		
St. Mary Land & Exploration Company name change to SM Energy Company effective 6/1/2010		

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.

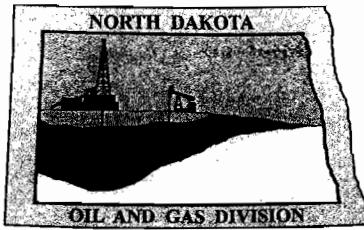
Signature	Printed Name	Title
	Sherry Karst	Production Technician

Above Signature Witnessed By

Witness Signature 	Witness Printed Name Brenda Young	Witness Title Production Technician
--	---	---

FOR STATE USE ONLY

Date Approved	JUL 01 2010
By	
Title	Del - Good Roads Analyst



Oil and Gas Division

Lynn D. Helms - Director

Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas

June 28, 2010

SM Energy Company
Ronald B. Santi
PO Box 7168
Billings, MT 59101

**RE: PRINCIPAL NAME CHANGE FROM
ST MARY LAND & EXPLORATION COMPANY TO
SM ENERGY COMPANY
BOND NOS. 6367113, 6456716, 6041871, 6160846, 6160847, 6160842, AND
6314472
SAFECO INSURANCE COMPANY OF AMERICA
267 WELLS**

Dear Mr. Ronald B. Santi:

This office is in receipt of your request to change the principal name of St. Mary Land & Exploration Company to SM Energy Company.

This letter will verify the principal name change effective June 28, 2010.

Please feel free to contact this office if you should have any questions.

Sincerely,

Evie Roberson
Administrative Assistant

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 5698 (03-2000)

Well File No	11745
NDIC CTB No.	111745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM
 PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES

Well Name and Number BASIC GAME & FISH 34-38	Qtr-Qtr SWSW	Section 2	Township 153 N	Range 101 W	County MCKENZIE
Operator ST MARY LAND & EXPLORATION COMPANY	Telephone # 406-245-6248	Field BAKER			
Address P O BOX 7168	City BILLINGS	State MT	Zip Code 59103-7168		

Name of First Purchaser Nexen Marketing USA Inc	Telephone # 303-850-4284	% Purchased 100	Date Effective December 1, 2007
Principal Place of Business 5660 Greenwood Plaza Blvd., #230	City Greenwood Village	State CO	Zip Code 80111
Field Address PO Box 567	City Plentywood	State MT	Zip Code 59254
Name of Transporter Diamond B Trucking Inc. (TR)	Telephone Number 701-245-6423	% Transported 100	Date Effective December 1, 2007
Address PO Box 445	City Westhope	State ND	Zip Code 58793
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

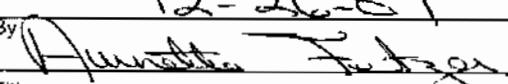
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments	0	

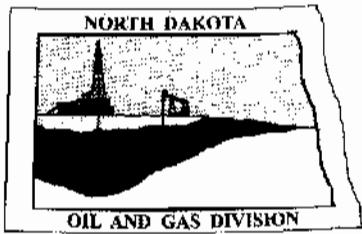
I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records	Date December 17, 2007
--	----------------------------------

Signature 	Printed Name Kari Wheeler	Title Production Assistant
---	-------------------------------------	--------------------------------------

Witness Signature 	Witness Printed Name Debbie Casey	Witness Title Production Supervisor
--	---	---



FOR STATE USE ONLY	
Date Approved 12-26-07	By 
Title Oil + Gas Production Analyst	



Oil and Gas Division

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov

December 26, 2007

Karin M. Writer
St Mary Land & Exploration Company
1776 Lincoln St Ste 700
Denver CO 80203

**RE: PRINCIPAL NAME CHANGE FROM
NANCE PETROLEUM CORPORATION TO
ST MARY LAND & EXPLORATION COMPANY
7 BONDS**

Dear Ms. Writer:

This office is in receipt of the riders changing the principal name from Nance Petroleum Corporation to St Mary Land & Exploration Company.

This letter will verify the principal name change from Nance Petroleum Corporation to St Mary Land & Exploration Company effective December 26, 2007.

Please feel free to contact this office if you should have any questions.

Sincerely,

Marge Rixen
Legal Assistant

/mr

11745



**Nance Petroleum Corporation
Spill Prevention Measures for Pipelines**

File Number: 11745 Basic Game & Fish 34-3

Schematic on a map showing the location and route of the pipelines:

See attached Site Diagram, indicating the location of the pipelines. At this facility, the "pipelines" are buried flowlines which connect the wellhead to the production facilities (heater treater and storage tanks). All flowlines are located within the boundaries of the well pad. The treater and storage tanks are surrounded by their own dike (see "Dikes and their capacities").

Pipeline Information:

Flow line - (Buried) 3" steel threaded line pipe (Schedule 40)
WP - 3,600 psi

Oil Fill line - (Above ground) 3" steel threaded line pipe (Schedule 40)
WP - 3,600 psi

Salt water fill line - (Above ground) 2" steel threaded line pipe (Schedule 40)
WP - 2,650 psi

Recycle line (Above ground) 2" steel threaded line pipe (Schedule 40)
WP - 2,650 psi

Age: 20 years (completed 1/19/86)

Monitoring Systems installed: None

Surveillance Programs in place: None

Inspection and Maintenance Programs in place:

This is a two-wellsite location with two separate production facilities on location. Oil and produced water flow from two producing wells, the M&G 14-2 and the Basic Game & Fish 34-3, into and out of pressure vessels and to bulk storage by interconnecting piping. The piping may be either above or below ground, but does not extend past the outer boundaries of the wellsite. Production operations personnel perform routine operational (visual) examinations on above ground interconnecting piping for indication of leaks, abnormalities, or equipment malfunctions during their daily visit to the facility. Below ground flowlines are walked and a visual examination is performed for indications of a leak if a production shortage shows the need. Records of daily checks are recorded on gauge sheets. Periodic, comprehensive flowline inspections are performed by Nance Petroleum personnel and recorded on a well inspection report. These records are maintained at the Nance Petroleum Williston, ND and Billings, MT offices.

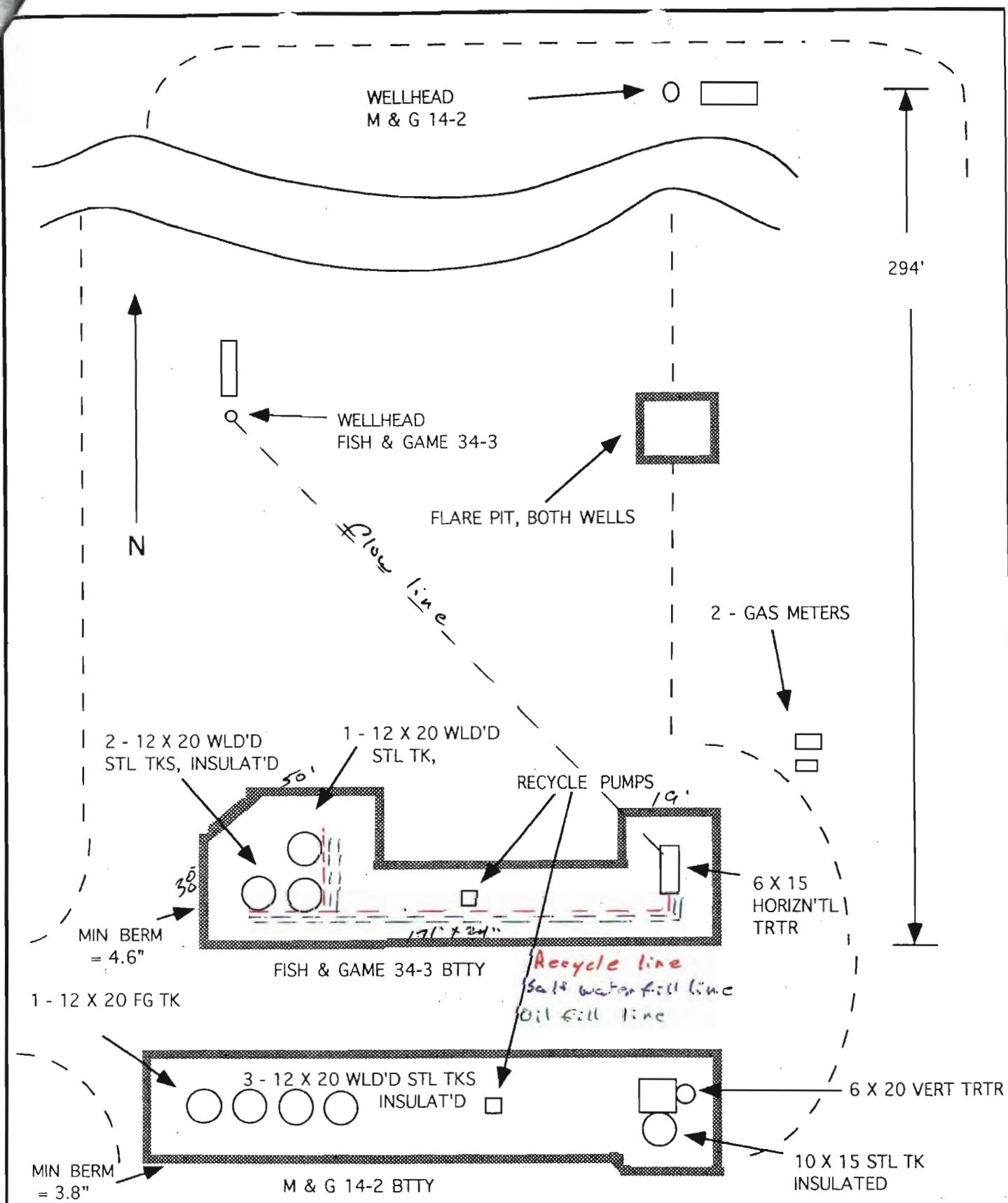
**Nance Petroleum Corporation
Spill Prevention Measures for Pipelines**

File Number: 11745 Basic Game & Fish 34-3 – continued

Integrity Test Results: None

Dikes and their capacities:

Tank battery / treater dike capacity: 1,305 barrels



LEGEND
 FENCE -----
 BERM :-----:
 EDGE OF GRAVEL - - - -

SCALE 1" = 50'

WELL: FISH AND GAME 34-3, M & G 14-2

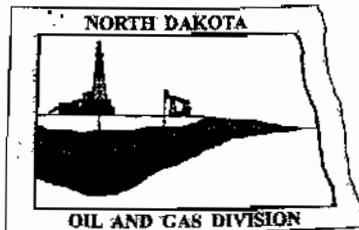
* FIELD: BAKER

LOCATION: SWSW 2 T153N R101W

OPERATOR: PANterra PETROLEUM

Golden Globe Engineering Inc.

Billings, Montana



Oil and Gas Division

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov

11/14/05

July 25, 2006

Mr. Mike Mungas
Nance Petroleum Corp.
PO Box 7168
Billings, MT 59103-7168

RE: Spill Prevention Measures for Pipelines (See Attachment)

Dear Mr. Mungas:

The NDIC Oil and Gas Division is requesting information on spill prevention measures in place for the above referenced facilities. Please provide us with the following:

A schematic on a map showing the location and route of the pipelines.

Information available about the pipelines such as construction material, size, operating pressure rating and age of the pipelines.

A description of any monitoring systems installed, surveillance programs, and inspection and maintenance programs in place.

Results of any integrity tests done on the pipelines.

Dikes and their capacities.

Please contact Mark Bohrer or Glenn Wollan at (701) 328-8020 in our Bismarck office if you have questions.

Sincerely,

John Axtman/k1
John Axtman
Williston District Supervisor

JSA/k1

ATTACHMENT
July 25, 2006

SPILL POTENTIAL WELLS OR FACILITIES

FILE NO.

9102	CHURCH	1-2
9362	BURNING MINE BUTTE	9-21
9481	LINDECKER	1-35-4A
11130	FLYNN	1
11214	NORTH BRANCH	22-35
11549	ROSEBUD	22-11
11745	BASIC GAME AND FISH	34-3
11751	M AND G	14-2
11920	CORPS OF ENGINEERS	31-10
12129	FRENCH-PINNEY	24-3
12566	ELLETSON	33-1
13373	PIERRE CREEK NELSON	44-23HR
13556	CHURCH	1-2X
13681	BRESE	22-32HR
13771	DANIELSON	32-32
14046	PIERRE CREEK NELSON	42-23
14794	STENSRUD	43-14
15344	REHAB	4-33
15358	LEWIS AND CLARK	2-4H
90095	MOORE FEDERAL	3-28 SWD

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA

OIL AND GAS DIVISION

600 EAST BOULEVARD DEPT 405

BISMARCK, ND 58505-0840

SFN 5698 (03-2000)



Well File No.

11745

NDIC CTB No.

111745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES.

Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr SWSW	Section 2	Township 153 N	Range 101 W	County McKENZIE
Operator NANCE PETROLEUM CORPORATION	Telephone # 406-245-6248		Field BAKER		
Address P O BOX 7168	City BILLINGS		State MT	Zip Code 59103-7168	

Name of First Purchaser Nexen Marketing USA Inc	Telephone # 303-850-4284	% Purchased 100	Date Effective October 1, 2005
Principal Place of Business 5660 Greenwood Plaza Blvd., #230	City Greenwood Village	State CO	Zip Code 80111
Field Address PO Box 567	City Plentywood	State MT	Zip Code 59254
Name of Transporter Diamond B Trucking Inc. (TR)	Telephone Number 701-245-6423	% Transported 100	Date Effective October 1, 2005
Address PO Box 445	City Westhope	State ND	Zip Code 58793

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments CHANGE OF PURCHASER EFFECTIVE 10/1/2005		

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.	Date October 5, 2005
---	--------------------------------

Signature 	Printed Name Amanda Rambur	Title Marketing Representative
---------------	--------------------------------------	--

Above Signature Witnessed By	Witness Signature 	Witness Printed Name Terry Holzwarth	Witness Title VP - Business Development
------------------------------	-----------------------	--	---

FOR STATE USE ONLY	
Date Approved 10-5-05	By
Title Dr. Gas Production Analyst	

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA

OIL AND GAS DIVISION

600 EAST BOULEVARD DEPT 405

BISMARCK, ND 58505-0840

SFN 5698 (03-2000)

Well File No.

11745

NDIC CTB No.

111745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.

PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES.

Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr SWSW 2-3	Section 153 N	Township 101 W	Range McKENZIE
Operator NANCE PETROLEUM CORPORATION	Telephone # 406-245-6248	Field BAKER		
Address P O BOX 7168	City BILLINGS	State MT	Zip Code 59103-7168	

Name of First Purchaser Eighty-Eight Oil LLC	Telephone # 307-266-0264	% Purchased 100	Date Effective April 1, 2005
Principal Place of Business P O Drawer 2360	City Casper	State WY	Zip Code 82602
Field Address P O Drawer 2360	City Casper	State WY	Zip Code 82602
Name of Transporter Black Hills Trucking	Telephone Number 307-266-0264	% Transported 100	Date Effective April 1, 2005
Address P.O. Drawer 2360	City Casper	State WY	Zip Code 82602
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments	0	

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.	Date March 30, 2005
---	-------------------------------

Signature <i>Amanda Rambur</i>	Printed Name Amanda Rambur	Title Marketing Representative
-----------------------------------	--------------------------------------	--

Above Signature Witnessed By <i>Terry Holzwarth</i>	Witness Signature <i>Terry Holzwarth</i>	Witness Printed Name Terry Holzwarth	Witness Title VP - Business Development
--	---	--	---

FOR STATE USE ONLY		
Date Approved <i>4-6-05</i>		
By <i>Annette Tidger</i>		
Title <i>Oil & Gas Production Analyst</i>		

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5698 (03-2000)



Well File No.	11745
NDIC CTB No.	11745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES.

Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr SWSW	Section 23	Township 153 N	Range 101 W	County MCKENZIE
Operator NANCE PETROLEUM CORPORATION	Telephone # 406-245-6248		Field BAKER		
Address P O BOX 7168	City BILLINGS		State MT	Zip Code 59103-7168	

Name of First Purchaser Tesoro Refining & Marketing Company	Telephone # 403-699-4059	% Purchased 100	Date Effective April 1, 2004
Principal Place of Business 1225 17th St., Ste. 1800	City Denver	State CO	Zip Code 80202
Field Address HC 56 Box 605 1A	City Sidney	State MT	Zip Code 59270
Name of Transporter Tesoro Refining & Marketing Company (TR)	Telephone Number 720-258-0611	% Transported 100	Date Effective April 1, 2004
Address 1225 17th St., Ste 1800	City Denver	State CO	Zip Code 80202
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments	0	

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.	Date March 24, 2004
Signature <i>Amanda Rambur</i>	Printed Name Amanda Rambur
Title Marketing Representative	

Above Signature Witnessed By	Witness Signature <i>Terry Holzwarth</i>	Witness Printed Name Terry Holzwarth	Witness Title VP - Acquisitions
------------------------------	---	--	---

FOR STATE USE ONLY	
Date Approved <i>3/31/04</i>	By <i>Annette Fatzinger</i>
Title <i>Oil - Gas Lead Analyst</i>	

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

www.oilgas.nd.gov

Bruce E. Hicks
ASSISTANT DIRECTOR

March 31, 2004

Ms. Joy Torgerson
Production Assistant
Nance Petroleum Corp.
P. O. Box 7168
Billings, MT 59101

RE: HORIZONTAL RE-ENTRY WELL
Basic Game & Fish 34-3
SW SW 2-153N-101W
McKenzie Co.
Well File #11745

Dear Ms. Torgerson:

Information contained in the records and files of the Industrial Commission indicates the above captioned well was initially spud October 16, 1985 and completed as a vertical well on January 19, 1986. The well was re-entered November 4, 2002 and recompleted as a horizontal well on December 12, 2002.

Such information further indicates that 200 barrels of test oil were produced from the well prior to recompletion.

If you have any questions, please contact this office.

Sincerely,



James R. Legerski
Sr. Petroleum Engineer

JL/db
cc: Tax Dept.

11745



P.O. BOX 7168 • BILLINGS, MT 59103
550 N. 31st ST., SUITE 500 • BILLINGS, MT 59101
PHONE: (406) 245-6248 • FAX: (406) 245-9106

A Subsidiary of
St. Mary Land & Exploration Co.



March 17, 2004

Mr. James R. Legerski
North Dakota Industrial Commission
Oil and Gas Division
600 East Boulevard
Bismarck, ND 58505

Re: Horizontal Reentry Well Classification – Basic Game & Fish 34-3 -- Well #11745

Nance Petroleum Corporation, as Operator, hereby makes horizontal reentry well application in accordance with statute and rule (Section 57-51.1-03 NDCC) "HR" well code for the Basic Game & Fish 34-3 (Madison) well located at SWSW, Section 2, T153N, R101W, McKenzie County, ND, Well File #11745 – API #33-053-02102, to be effective December, 2002.

This well was initially spudded on October 16, 1985 and completed on January 19, 1986 as a vertical well and was reentered on November 4, 2002 and recompleted on December 12, 2002 as a horizontal well. Attached is a well bore diagram showing the length and inclination of the horizontal leg into the Nesson formation and a swab report showing a total volume of 199.57 bbls of test oil recovered during recompletion operations.

All working interest owners along with the crude oil purchaser are being notified by copy of this application.

Sincerely,

Nance Petroleum Corporation

Joy Torgerson

Joy Torgerson
Production Assistant

Enclosure

TO: WORKING INTEREST OWNERS / PURCHASER

By copy of this letter to all **Working Interest Owners / Purchaser**, Nance Petroleum Corporation hereby gives notification of our filing with the North Dakota Industrial Commission and application for Horizontal Reentry Well Exemption as stated above (purpose of exempting production from the imposition of the oil extraction tax) for the reference well.

CERTIFICATION



I, Joy A. Torgerson, certify by my signature below, that I have notified by Certified Mail all working interest owners and purchaser(s) of crude oil from this lease for Nance Petroleum Corporation's Application for Horizontal Reentry Well Determination:

Well Name & Number
BASIC GAME & FISH 34-3

Oil Purchaser
Nexen Marketing USA Inc.

Working Interest Owner
Baytide Petroleum Inc.
Hunt Petroleum (AEC) Inc.
W Merle Freeman
J Hiram Moore
J Hiram Moore LTD
Robert R Rick
Richard J Rigo
William Robert Weyman
Palace Exploration Co.
Zavanna LLC
M J Mourne Jr dba of Paw Prints
Oil & Gas LLC
RZ Inc
Barry Razi
Mike Razi
Avila Re Holdings
U. S. Companies Inc.

Dated this 17th of March, 2004.

NANCE PETROLEUM CORPORATION

Joy A. Torgerson
Joy A. Torgerson, Production Assistant

NANCE PETROLEUM CORPORATION

WELL: **BASIC GAME & FISH 34-3** FIELD: **BAKER**

2960'	9 5/8"	LOCATION: SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL BH @ TD:SESE SEC 3 153N 1 STATUS: PUMPING OIL WELL 543' FSL &655' FEL	
3450'	TOP OF CMT	ELEVATION: GL - 1850' KB - 1872' ACCTG NO. 60102 SPUD DATE: 10/16/85	ST FILE NO: 11745 API# 33-053-02102 COMP DATE: 2/3/86
4034'	ORIGINAL KICK-OFF PT.	ROTARY TD: 9596' TVD, 9716' TMD SURF CSG: 9 5/8" 36# K-55 SET @ 2960'. CMT W/ 1100 SX. PROD CSG: 5 1/2" 17,20,23# L-80, RS-90 SET @ 9702'. CMT Cmt 2 stage, DV 8092'. 1st: 430 sk G+35% sf+10% salt, 2nd: 900 sk Lite+10% salt.	PBTD: 9561' MD
		TUBING & BHA	RODS & PUMP
		279 jt 2 7/8" L-80 tubing MSN w/ 1 1/4" x 20' diptube - 8773' 6' perforated sub 1 jt 2 7/8" tubing 5 1/2" Basin TAC - 8810'	1 1/2" x 30' polish rod (30') 1" x 4' pony rod (4') 92 - 1" Norris 97 rods (2300') 120 - 7/8" Norris 97 rods (3000') 112 - 3/4" Norris 97 rods (2800') 22 - 1" scrprd Norris 90 (550') 2 - 1" Norris 97 (50') 1" x 30" srprd pony
8092'	DV TOOL	1 jt 2 7/8" tubing bull plug - EOT 8844'	2 1/2" x 1 1/2" x 24' x 28' RHB pump w/ 5' plngr, single valve
8392'	ORIGINAL MAX ANGLE 16 DEG.	SALT DEPTH DUNHAM 6644-6712 PINE 7035-7100 CHARLES 8275-9004	5 1/2" SET @ 23# TC80HC 45
8773'	SN	WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.17# L-80 TBG HD 7 1/16" 5000.	6624
8810'	AC	PUMP UNIT: LUFKIN MARK II - M912D-305- 23# TC80HC W/DP-70 AJAX MOTOR	6803
		20# L-80	7013
8844'	EOT	7 SPM & 192" SL	7188
		23# TC80HC	8251
8998'	BLS	PERFS: NESSON 9234-54' 4 SPF	9099
9022'	KOP	Spur#1: 9460-9530' Spur#2: 11390-11690'	9702
9034'	PKR	4 1/2" open hole NESSON lateral leg 9120-9130' TVD 9022-12800' Nesson top: 9350' MD	12800' TMD
9234-54'	=	27/100' BUILD RATE TO 90° AZIMUTH 290° NESSON PERFS 12 DEG DEV.	TD: 12800' MD 90.8 deg TVD 9120.68
9346'		PINNED COLLAR	
9529'	PBTD	PREPARED BY: GARY L EVERETZ	DATE: 11/15/03 BASIC343H.XLS
9702'	*****	5 1/2" Updated by: John Steele	
	*****	DIRICTIONAL WELL TMD - 9716', TVD - 9596'	
	*****	MAXIMUM ANGLE 16 DEG. @ 8392', 12 DEG. @ NESSON.	

PAGE: 1

SWAB OR FLOW REPORT

SUPERVISOR _____ Les

Les

FORM Nesson

FORM. Nassau

S. Open He

[View Details](#) | [Edit](#) | [Delete](#)

COMPANY: Nance Petroleum

WELL : Basic Game & Fish 34-3H

DATE: 11/26/02

Swabbed 5.01 BO & 25.07 BLW = 30.08 BTE in 2 runs in 2 hrs. 4389 BLWTR

PAGE: 2

SWAB OR FLOW REPORT

SUPERVISOR LesFORM. NessonCOMPANY: Nance PetroleumWELL: Basic Game & Fish 34-3HDATE: 11/27/02PERFS. Open Hole from 9350 - 12800MD

TIME	PRESS.	CK	SWAB		TANK NO.	GAUGE RDG'S		BBLS. PER HR.	TOTAL BBLS.	% WTR		BBLS. BS		GAS Mcfd.	REMARKS	
			TBG.	CSG. 64ths		FL	SD			WTR	BS	OIL	WTR			
7:00 AM	210		3000'		N Test	1' 6"										
8:00 AM			3000'	4000'	3	2' 5"	0' 11"	18.38	18.38	85%		2.76	15.62		30% oil on first run	
9:00 AM			3000'	4000'	2	3' 1"	0' 8"	13.36	31.74	97%		0.40	12.96			
10:00 AM			2400'	3400'	3	4' 0"	0' 11"	18.37	50.11	94%		1.10	17.27			
11:00 AM			2400'	3400'	4	5' 0"	1' 0"	20.05	70.16	94%		1.20	18.85			
12:00 N			2800'	4000'	4	5' 11"	0' 11"	18.37	88.53	94%		1.10	17.27			
1:00 PM			2800'	4000'	3	6' 8"	0' 9"	15.03	103.56	95%		0.75	14.28			
2:00 PM			2400'	4000'	4	7' 11"	1' 3"	25.05	128.61	93%		1.75	23.30			
3:00 PM			2400'	4000'	4	8' 10"	0' 11"	18.37	146.98	85%		2.76	15.61			
4:00 PM			2400'	4000'	3	9' 5"	0' 7"	11.69	158.67	90%		1.17	10.52			

SWAB OR FLOW REPORT

SUPERVISOR Bid McMahenFORM. NessonPERFS. Open Hole from 9350 - 12800MDCOMPANY: Nance PetroleumWELL: Basic Game & Fish 34-3HDATE: 12/02/02

TIME	PRESS.		CK 64ths	SWAB			TANK NO.	GAUGE RDG'S		BBLS. PER HR.	TOTAL BBLS.	% WTR		BBLS.		GAS Mcfd.	REMARKS
	MST	TBG.		FL	SD	RUNS		GAUGE	DIFF.			WTR	BS	OIL	WTR		
7:00 AM	600	300					N. Test	0' 6"									
8:00 AM	230	100	30					1' 9"	15"	25.05	25.05	0%		25.05	0.00		Flow To N. Test/Csg Flowing
9:00 AM	0	0	30				Tk Btry		10"	16.7	41.75	20%		13.36	3.34		Flow To Treater & 0 psi in 35 min
10:00 AM	0	0		1700	2600	6	N. Test	2' 7"	10"	16.70	56.45	58%		7.01	9.69		
11:00 AM	0	0		2600	3800	4		3' 7"	12"	20.04	78.49	88%		2.40	17.64		
12:00 PM	0	0		2600	3800	4		4' 10"	15"	25.05	103.54	72%		7.01	18.04		Noted Considerable Solids in Wt
1:00 PM	0	0		2300	3400	4		5' 10"	12"	20.04	123.58	69%		6.21	13.83		
2:00 PM	0	0		2300	3400	4		6' 9"	11"	18.37	141.95	73%		4.96	13.41		Wtr Cleaning up
3:00 PM	0	0		2300	3400	5		7' 11"	14"	23.34	165.29	87%		3.03	20.30		Wtr Wgt 9.6#/gal
4:00 PM	0	0		2300	3400	4		8' 11"	12"	20.04	185.33	82%		3.61	16.43		
5:30 PM	0	0		2300	3400	2		9'6"	7"	11.69	197.02	69%		3.62	8.07		
Totals					33					197.02		61%		76.28	120.74		

Flowed & Swabbed 76.28 BO & 120.74 BSW = 197.02 Total Bbls Fluid in 33 runs 9-1/2 hours. 4122 BLWTR.

SWAB OR FLOW REPORT

SUPERVISOR Bid McMahon

FORM Nesson

PERES Open H

PERFS. Open Hole from 9350 - 12800MD

COMPANY: Nance Petroleum

WELL Basic Game & Fish 34-3H

DATE: 12/03/02

SWAB OR FLOW REPORT

SUPERVISOR: Sid McMahen

FORM Nessun

PERIOD: January

PERFS. Open Hole from 9350 - 12800MD

COMPANY: Nance Petroleum

WELL : Basic Game & Fish 34-3H

DATE: 12/04/02

TIME	PRESS.		CK 64ths	SWAB		TANK NO.	GAUGE RDG'S		BBLS. PER HR.	TOTAL BBLS.	% WTR		BBLS. BS		GAS Mcfd.	REMARKS
	MST	TBG.		FL	SD		GAUGE	DIFF.			WTR	BS	OIL	WTR		
7:00 AM	330	0	2"	1800			6' 5"									TP to 0 psi-7 min/CP Slight Blow
8:00 AM	0	0			4300	3	N. Test	7' 0"	7"	11.69	11.69	0%		11.69	0.00	
9:00 AM				2600	3800	5		8' 2"	14"	23.38	35.07	83%		3.97	19.41	Check Wtr, minimal fines
10:00 AM				2600	3800	3		9' 2"	12"	20.04	55.11	80%		4.01	16.03	Noted Increased H2S odor
11 AM				2600	3800	5		10' 2"	12"	20.04	75.15	62%		7.62	12.42	Chemical Sandline
12:00 N				2600	3800	4		11' 2"	12"	20.04	95.19	71%		5.81	14.23	
1:00 PM				2600	3800	4		11' 11"	9"	15.03	110.22	71%		4.36	10.67	
2:00 PM				2600	3800	4		12' 10"	11"	18.37	128.59	70%		5.51	12.86	
3:00 PM				2600	3800	5		14' 0"	14"	23.38	151.97	66%		7.95	15.43	SW 9.5#/gal and Dark Stain
4:00 PM				3000	4100	5		15' 2"	14"	23.38	175.35	75%		5.85	17.54	Check Wtr Minimal fines
4:30 PM				3000	4100	3		15' 10"	8"	13.36	188.71	62%		5.08	8.28	
Totals						41				188.71		67%		61.85	126.86	

Swabbed 61.85 BO, 126.86 BLW = 188.71 TBE in 9-1/2 hrs 41 runs

3870 BLTR

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

August 14, 2003

Ms. Joy Torgerson
Nance Petroleum Corp.
P. O. Box 7168
Billings, MT 59103

RE: Basic Game & Fish 34-3
SW SW 2-153N-101W
McKenzie Co.,
Baker Field
Well File #11745

Dear Ms. Torgerson:

The application of Nance Petroleum Corp. for a Stripper Well Property determination was received August 8, 2003. The application requests that the Industrial Commission determine the following described tract of land in McKenzie County, North Dakota, to be a Stripper Well Property:

T153N, R101W
Section 2 Well File #11745

Information contained in the application indicates that the land described above is a property pursuant to Section 57-51.1-01(3) North Dakota Century Code (NDCC). Further, during the twelve consecutive months qualifying period June 2001 thru May 2002. The well did not produce at a maximum efficient rate. The well was down for 10% of the qualifying period.

It is therefore determined that the lands described above do not qualify as a Stripper Well Property pursuant to Section 57-51.1-01 NDCC. **The application is hereby denied.**

The Commission shall have continuing jurisdiction, and shall have the authority to review the matter, and to amend or rescind the determination if such action is supported by additional or newly discovered information. If there are any questions, please do not hesitate to contact this office.

Sincerely,


James R. Legerski

Sr. Petroleum Engineer

JL/db

cc: Tax Dept.

NORTH DAKOTA INDUSTRIAL COMMISSION
OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

August 1, 2003

Ms. Joy Torgerson
Nance Petroleum Corp.
P. O. Box 7168
Billings, MT 59103

RE: Basic Game & Fish 34-3
SW SW 2-153N-101W
McKenzie Co.
Baker Field
Well File #11745

Dear Ms. Torgerson:

The application of Nance Petroleum Corp. for a Stripper Well Property determination was received July 28, 2003. The application requests that the Industrial Commission determine the following well in McKenzie County, North Dakota, to be a Stripper Well Property:

T153N, R101W
Section 2 Well File #11745

Information contained in the application indicates that the land described above is a property pursuant to Section 57-51.1-01(3) North Dakota Century Code (NDCC). However, during the twelve consecutive months qualifying period March 2001 thru February 2002. The average daily production from the well, exceeds the maximum allowable production for stripper well status.

It is therefore determined that the lands described above do not qualify as a Stripper Well Property pursuant to Section 57-51.1-01 NDCC. **The application is hereby denied.**

The Commission shall have continuing jurisdiction, and shall have the authority to review the matter, and to amend or rescind the determination if such action is supported by additional or newly discovered information. If there are any questions, please do not hesitate to contact this office.

Sincerely,

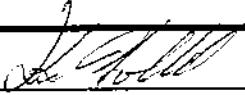

James R. Legerski
Sr. Petroleum Engineer

JL/db
cc: Tax Dept.



CORE AND SAMPLE VERIFICATION
NORTH DAKOTA GEOLOGICAL SURVEY
SFN 17300 (1-90)

11745

Name of operator:	Nance Petroleum			Date:	06/10/2003
Address:	City:	State:	Zip code:		
The cores/samples for the following well have been received by the North Dakota Geological Survey.					
Well name:	Basic Game & Fish 34-3H	Location	NDGS Well Number:		11745.0
Comments:	Samples Received:	9030	12800	DC	
Received by:				Kent Hollands	

Signature

Print Name

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

April 14, 2003

Mr. Gary Evertz
Nance Petroleum
P.O. Box 7168
Billings, MT 59103-7168

RE: Well Log Requirements
Basic Game & Fish #34-3
SW SW Sec. 2-153N-101W
McKenzie County
Well File No. 11745

Dear Mr. Evertz:

Our office has not received the digital .tif formatted file for the Drill Time-Sample-Mud Log Lateral #1, Sidetrack #1, and the Sidetrack #2.

The North Dakota Administrative Code Section 43-02-03-31 requires that all logs run by the operator shall be submitted as one paper copy and one electronic formatted file. All image logs, which include the Drill Time-Sample-Mud Log, must be submitted as *.tif formatted files.

The Oil and Gas Division is aware that not all operators or contractors can generate electronic image logs as *.tif formatted files. In an effort to assist the Operator to comply with the North Dakota Administrative Code, the NDIC Oil and Gas Division is providing a low cost option. In lieu of the Operator submitting one paper copy and one digital *.tif formatted file for all image logs run on each well, you may submit two paper copies along with a \$25.00 scanning fee for each log to be scanned. In return, the Operator will receive an electronic copy of each log scanned as a TIF(*.tif) formatted file on a CD-ROM.

If you choose to have the NDIC Oil and Gas Division create the electronic file, I have included a Request for Well Scanning Form for your convenience.

If you have any questions, please contact me at (701) 328-8020.

Sincerely,

Evie Roberson
Office Assistant



SUNDRY NOTICES AND REPORTS ON WELLS - FORM 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5749 (07-2000)

Well File No.

11745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.

PLEASE SUBMIT THE ORIGINAL AND THREE COPIES.

<input type="checkbox"/> Notice of Intent	Approximate Start Date	<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input checked="" type="checkbox"/> Report of Work Done	Date Work Completed January 7, 2003	<input checked="" type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	Approximate Start Date	<input type="checkbox"/> Casing or Liner	<input checked="" type="checkbox"/> Acidizing
		<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
		<input checked="" type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
		<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
		<input checked="" type="checkbox"/> Other	Drilled lateral leg in Nesson

Well Name and Number	BASIC GAME & FISH 34-3				
Footages	Qtr-Qtr	Section	Township	Range	
392 F S L	494 F W L	SWSW	2	153 N	101 W
Field BAKER	Pool MADISON	County McKENZIE			

24-HOUR PRODUCTION RATE

	Before		After		
Oil	21	Bbls	Oil	222	Bbls
Water	5	Bbls	Water	116	Bbls
Gas		MCF	Gas	78	MCF

Name of Contractor(s) BAKER HUGHES INTEQ, J&R WELL SERVICE, HALLIBURTON, KEY WELL SERVICE			
Address	City	State	Zip Code

DETAILS OF WORK

MIR J service rig 10/24/02. POOH w/ pump and rods. POOH w/ tbg. Ran bit and scraper to 9343', POOH. Ran casing inspection log, no csg problems. RDMO 10/28/02.
MIR J lateral-hole drilling rig 11/1/02. Cut window at 9022' and drilled lateral leg to 9530'. Angle too severe, pulled back to 9460' and started sidetrack #1 (spur #1 9460-9530'). Drilled lateral leg to 11690'. Drilled out of zone, pulled back to 11390' and started sidetrack #2 (spur #2 11390-11690'). Drilled to 12800' TD, 9120.68' TVD, 90.8°, azimuth 290.°. Acidized open hole section w/ 7500 gal 15% HCl in five stages, pulling tbg ± 900' between each stage. Flushed tbg and annulus w/ water. Set RBP 6000'. RDMO rig 11/24/02. Drilling summary: KOP 9022', Nesson top 9350' MD, 9120' TVD, length of Nesson lateral 3450' (9350-12800'), first 90° survey 9450' MD, 4414 BLTR.
MIR J completion rig 11/25/02. TIH, retrieved RBP, POOH. TIH w/ pkr, swabbed five days. POOH w/ pkr, ran tbg for production, TAC 6017', SN 6016', EOT 6057'. Ran 2 1/4" barrel pump plunger and rods. RDMO service rig 12/6/02. Set pumping unit, put well on production 12/12/02.
MIR J service rig 1/7/03. POOH w/ pump and rods, POOH w/ tbg. Ran re-designed tubing BHA, TAC 8061', SN 8022', EOT 8096'. Ran 1 3/4" pump and rods. RDMO service rig.
Returned well to production 1/10/03. 10-day avg 1/21/03: 222 bopd, 116 bwpd, 78 mcf/d.

Company NANCE PETROLEUM CORPORATION	Telephone Number (406)245-6248	
Address P. O. BOX 7168		
City BILLINGS	State MT	Zip Code 59103-7168
Signature 	Printed Name John Steele	
Title Operations Engineer	Date January 23, 2003	

FOR STATE USE ONLY	
<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date JAN 30 2003	
By 	
Title Horizontal Drilling Supervisor	

NANCE PETROLEUM CORPORATION

		WELL:	BASIC GAME & FISH 34-3 FIELD:	BAKER	
2960'	9 5/8"	LOCATION:	SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL BH @ TD:SESE SEC 3 153N 1(STATUS: PUMPING OIL WELL 543' FSL &655' FEL		
3450'	TOP OF CMT	ELEVATION:	GL - 1850' KB - 1872'	ST FILE NO: 11745	
		ACCTG NO.	60102	API# 33-053-02102	
		SPUD DATE:	10/16/85	COMP DATE: 2/3/86	
4034'	ORIGINAL KICK-OFF PT.	ROTARY TD:	9596' TVD, 9716' TMD	PBTD: 9581' MD	
		SURF CSG:	9 5/8" 36# K-55 SET @ 2960'. CMT W/ 1100 SX.		
		PROD CSG:	5 1/2" 17,20,23# L-80, RS-90 SET @ 9702'. CMT Cmt 2 stage, DV 8092'. 1st: 430 sk G+35% sf+10% salt, 2nd: 900 sk Lite+10% salt.		
		TUBING & BHA		RODS & PUMP	
		255 jt 2 7/8" L-80 tubing		1 1/2" x 30' polish rod (30')	
		MSN w/ 1 1/4" x 20' diptube - 8022'		1" x 4',6',8' pony rods (18')	
		6' perforated sub		92 - 1" Norris 97 rods (2300')	
		1 jt 2 7/8" tubing		95 - 7/8" Norris 97 rods (2375')	
		5 1/2" Basin TAC w/20M#T - 8061'		108 - 3/4" Norris 97 rods (2650')	
		1 jt 2 7/8" tubing		2 - 1" Norris 97 (50')	
		bull plug - EOT 8096'		22 - 1" scrprd Norris 90 (550')	
8022'	SN			2 1/2" x 1 3/4" x 28' RHBM pump w/ 5' plngr, single valve	
8061'	<< >>	SALT	DEPTH		
		DUNHAM	6644-6712		
		PINE	7035-7100		
		CHARLES	8275-9004		
8092'	DV COLLAR			5 1/2"	SET @
8096'	EOT			23# TC80HC	45
				17# L-80	6624
				WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22, 23# TC80HC	6803
				TBG HD 7 1/16" 5000.	
8392'	ORIGINAL MAX ANGLE			20# L-80	7013
	16 DEG.			23# TC80HC	7188
		PUMP UNIT: LUFKIN C456D-365-120		20# L-80	8251
		W/ E-42 AJAX MOTOR		23# TC80HC	9099
				20# L-80	9702
8998'	BLS	PERFS:	NESSON 9234-54' 4 SPF		
9022'	KOP	Spur#1: 9460-9530'	Spur#2: 11390-11690'		
		4 1/2" HOLE			
		4 1/2" open hole	NESSON lateral leg 9120-9130' TVD	12800' TMD	
		9022-12800'			
		Nesson top: 9350' MD			
9034'	PKR	27°/100' BUILD RATE TO 90°	3450' Nesson lateral	TD:	
		AZIMUTH 290°	9350-12800'	12800' MD	
92 34-54'	=	NESSON PERFS		90.8 deg	
		12 DEG DEV.		TVD 9120.68	
9346'		PINNED COLLAR			
9529'	PBTD	PREPARED BY: GARY L EVERETZ		DATE:	01/10/03
	*****				BASIC343H.XLS
9702'	*****	5 1/2"	Updated by: John Steele		
		DIRECTIONAL WELL TMD - 9716', TVD - 9596'			
		MAXIMUM ANGLE 16 DEG. @ 8392', 12 DEG. @ NESSON.			



WELL COMPLETION OR RECOMPLETION REPORT - FORM 6

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 2468 (03-2000)

Well File No.
11745



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.

PLEASE SUBMIT THE ORIGINAL AND THREE COPIES.

Designate Type of Completion						Well Name and Number	
<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Recompletion	<input type="checkbox"/> SWD Well	Basic Game & Fish 34-3			
<input type="checkbox"/> EOR Well	<input type="checkbox"/> Deepened Well	<input type="checkbox"/> Water Supply Well	Spacing Unit Description				
Other:							
Operator Exxon Petroleum Corporation		Telephone Number (406) 245-6248		Field Baker Field			
Address PO Box 7168				Pool Madison			
City Billings		State MT	Zip Code 59103	Permit Type <input type="checkbox"/> Wildcat <input type="checkbox"/> Development <input type="checkbox"/> Extension			

LOCATION OF WELL

At Surface 392 F S L		Qtr-Qtr SW SW	Section 2	Township 153 N	Range 101 W	County McKenzie
At Top Producing Interval, Reported Below F L		Qtr-Qtr	Section	Township N	Range W	Number of DSTs Run (See Back) none (this drlg)
At Total Depth 1974 F S L		Qtr-Qtr NE SW	Section 3	Township 153 N	Range 101 W	Directional Survey Run? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Spud Date cut window 11/5/02	Date TD Reached November 21, 2002	Drilling Contractor and Rig Number J & R Well Service Rig # 7			KB Elevation 1872	Total Depth (Feet) 12800 MD 9120 TVD
Producing Interval(s), This Completion, Top, Bottom, Name (MD and TVD) Neon lateral: 9350' to 12800' MD, 9120-9135' TVD					Plug Back TD (Feet) (See Back) 12800 MD 9120 TVD	
Type of Electric and Other Logs Run (See Instructions) none this time			Was Well Cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes List Intervals:			

CASING RECORD (Report all strings set in well)

Casing Size (Inches)	Measured Depth Set (Feet)	Hole Size (Inches)	Weight (Lbs/Ft)	Sacks Cement	Top of Cement
9 5/8	2960	12 1/4	36	1100	surface
5 1/2	9702	8 3/4	17-23	1330	3450

LINER RECORD

Liner Size (Inches)	Hole Size (Inches)	Top (MD) (Feet)	Bottom (MD) (Feet)	Sacks Cement	Size (Inches)	Depth Set (MD) (Ft)	Anchor Set (MD) (Ft)	Packer Set (MD) (Ft)
					2 7/8	8096	8061	

TUBING RECORD

Line Size (Inches)	Hole Size (Inches)	Top (MD) (Feet)	Bottom (MD) (Feet)	Sacks Cement	Size (Inches)	Depth Set (MD) (Ft)	Anchor Set (MD) (Ft)	Packer Set (MD) (Ft)
					2 7/8	8096	8061	

PERFORATION RECORD

Interval (MD)	Holes Per Foot	Potential (Oil/Water)	Acid, Frac, Sqz, Etc.	Amount and Kind of Material Used
902-12800 open hole		no perfs		
Neon: 9350-12800				

PRODUCTION

Date of First Production Through Permanent Wellhead December 12, 2002	Producing Method (Flowing, Gas Lift, Pumping - Size & Type of Pump) Pumping			Well Status (Producing or Shut-In) Producing			
Date of Test January 21, 2003	Hours Tested 240	Choke Size	Production for Test	Oil (Bbls) 2220	Gas (MCF) 780	Water (Bbls) 1160	Oil Gravity - API (Corr.) 35.0 °
Flowing Tubing Pressure (PSI)	Casing Pressure (PSI)	Calculated 24-Hour Rate		Oil (Bbls) 222	Gas (MCF) 78	Water (Bbls) 116	Gas-Oil Ratio 351
Test Witnessed By Dan's Production	Oil Purchaser Tesoro	Oil Transporter Diamond B Trucking			Disposition of Gas Bear Paw		

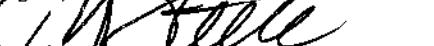
orig.

GEOLOGICAL MARKERS

PLUG BACK INFORMATION

DRII L STEM TEST DATA, ADDITIONAL INFORMATION, AND/OR LIST OF ATTACHMENTS

No I STs nor logs were run on the lateral section. See attached Geologist's Report and Directional Drilling Report. Also attached are a wellbore schematic and ND Form 4 sundry notice.

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.		Date
	Printed Name John Steele	Title Operations Engineer
Above Signature Witnessed By		
	Witness Printed Name Loren Prigan	Witness Title Production Assistant



Nance Petroleum Corporation

Basic Game & Fish 34-3H

392' FSL & 494' FWL

SW SW Section 2, T153N, R101W

Baker Field

McKenzie County, North Dakota

BOTTOM HOLE LOCATION: Lateral #1
237.55' North & 1,388.06' West of surface location
Approx. 629.55' FSL, 894.06' FWL SE SE Sec. 3

BOTTOM HOLE LOCATION: Sidetrack #1
970.22' North & 3,406.95' West of surface location
Approx. 1,362' FSL, 2,371' FWL NE SW Sec. 3

BOTTOM HOLE LOCATION: Sidetrack #2
1,582.72' North & 4,338.8' West of surface location
Approx. 1,975' FSL, 1,439' FWL NE SW Sec. 3

Prepared by:

Wayne Freisatz

Tom Griggs
c/o Sunburst Consulting
411 Tamarisk Drive
Billings, Montana 59105
Sunburst Consulting@Compuserve.com
(406) 259-4124

Prepared for:

Mike Bryant
Nance Petroleum Corporation
P.O. Box 7168, 550 N. 31st. St., Ste. #500
Billings, Montana 59101
(406) 245-6248

WELL EVALUATION

GENERAL

The Nance Petroleum Corporation Basic Game & Fish 34-3H was designed as a horizontal development well for the Nesson member of the Mississippian Mission Canyon Formation within the Baker Field. Baker Field is located in the U.S. portion of the Williston Basin, in McKenzie County, North Dakota. The original Basic Game & Fish 34-3 was drilled directionally (due to surface restrictions on the Missouri River floodplain) by Basic Earth Science Systems, Inc. in late 1985, reaching total depth in the Mission Canyon Formation (Mississippian in age), below the Nesson zone. A string of 5.5" production casing was run to total depth after electric logging, and the Nesson zone was perforated and completed.

The original Game & Fish 34-3 was completed for 98 BOPD, 0 BWPD and 64 MCF gas per day. More recently, Nance Petroleum Corp acquired the well. Recent production from the Basic Game & Fish 34-3 was 23 BOPD and 6 BWPD. The well has produced 224,525 BO, 107,142 MCFG and 6,623 BW through mid 2002.

Nance re-entered the Basic Game & Fish 34-3 and milled a window for sidetracking operations in November 2002. The horizontal leg is referred to as 34-3H.

The four primary offset wells used for correlation while drilling the Basic Game & Fish 34-3H are:

- 1) the original open hole logs from the Basic Earth Science Systems, Inc. Basic Game & Fish 34-3 (now owned by Nance Petroleum Corp.), with the surface location 392' FSL & 494' FWL in the SW SW Section 2, T153N, R101W, McKenzie Co., N.D.
- 2) the John L. Cox (now owned by Nance Petroleum Corp.) French-Pinney #24-3, located 660' FSL & 1,955' FWL in the SE SW Section 3, T153N, R101W, McKenzie Co., N.D. The French-Pinney was drilled in 1987 and completed in the Red River Formation (Ordovician in age). The French-Pinney IP'd for 276 BOPD, 486 MCFG, and 0 BWPD, and has produced over 401,537 BO, 718,456 MCFG, and 193,009 BW.
- 3) the Nance Petroleum Corp. M&G #14-2 (originally drilled by John L. Cox in 1987 as the Basic Game & Fish #14-2). The M&G surface location is on the same pad as the Basic Game & Fish 34-3, spotted at 559' FSL & 573' FWL in the SW SW Section 2, T153N, R101W,

Sidetrack #1 was initiated at 9,460' MD off of Lateral #1. Sidetrack #1 proceeded in zone, in the upper Nesson porosity, until drilling out of the top of the target around 11,620' MD. The decision was made to pull back and sidetrack "in zone", rather than waste the time and footage to drill back down to the target. Part of the difficulty with recovering from drilling out the top of the Nesson is the poor "drill-ability" of the overlying basal Midale argillaceous marker. "Sliding" (or directionally orienting the well path) becomes very slow and unproductive. Steering is much more effective within the Nesson porosity itself. The Sidetrack #1 was terminated at 11,680' MD, at a position of 970.22' North & 3,406.95' West of the surface location. This calculates to a point approximately 1,362' FSL & 2,371' FWL in the NE SW of Section 3.

Sidetrack #2 was initiated around 11,400' MD off of Sidetrack #1. Sidetrack #2 proceeded "in zone" in the Nesson porosity, but initially at a deeper stratigraphic horizon than Sidetrack #1. The early portion of Sidetrack #2 explored the lower 10' of the 15' gross Nesson porosity. A trip for a new bit was made at 12,040' MD in Sidetrack #2. Drilling of Sidetrack #2 proceeded after the bit trip mostly in the upper Nesson porosity until several factors necessitated the termination of the drilling. These factors included the approaching legal "hardline setback", dead MWD batteries and the penetration of the top the Nesson into the overlying basal Midale argillaceous marker. Sidetrack #2 reached total depth at 12,800' MD. The Bottom Hole Location [BHL] at total depth in Sidetrack #2 was 1,582.72' North & 4,338.8' West of the surface location, at approximately 1,975' FSL & 1,439' FWL in the NE SW of Section 3.

Re-entry and horizontal drilling of the Basic Game & Fish #34-3H took 21 days and ~206 rotating hours. A total of 3,986.35 barrels of water were lost during drilling. The Nesson laterals were left uncased for an acid stimulation and horizontal completion.

GEOLOGIC EVALUATION

The geologic evaluation of the Basic Game & Fish #34-3H began at the window milling operation, stratigraphically above the top of the Ratcliffe member of the Charles Formation (Mississippian in age), at 9,038' MD. Sunburst Consulting provided well site geologists and a digital data gathering system. The digital gas information was augmented by the use of a digital gas chromatograph. Drilling rig data (including ROP [Rate of Penetration], on-off bottom status, and mud pump strokes) was received through a digital connection to the rig EDR [Electronic Data Recorder]. The Sunburst gas detection readings were returned for display and monitoring to the rig EDR. Engineering and geologic data were then compiled and distributed on a digital drafting and Internet communications system.

BUILD CURVE & LATERAL

After milling the window in the pre-existing 5.5" casing the directional portion of the Basic Game & Fish #34-3H began. The KOP for the lateral was at 9,038' MD, just above the top of the Ratcliffe zone of the lower Charles Formation (below the Base Last Salt).

The Ratcliffe was encountered at 9,078' MD, 8,970' TVD, (-7107'). There was a significant hydrocarbon show identified within the Ratcliffe interval between 9,114' and 9,124' MD. Gas peaked at 243 units [1% methane in air = 100 units] with large "heavy gas" components (C3's & C4s). Elevated background gas levels and large connection and downtime gas spikes were recorded for the balance of the drilling of the Basic Game & Fish #34-3H that are attributed (at least in part) to this zone. Samples recovered from this Ratcliffe show interval included Limestone: light to occasional medium brown, tan, very fine crystalline, occasional peloidal, occasional spotty black oil stain, dull green fluorescence, slow streaming cut in part, poor to very poor intercrystalline and interparticle porosity, occasionally anhydritic. These shows were considered exceptional for the Ratcliffe interval in this area, and warrant further investigation.

The Midale interval (also a member of the Charles Formation) was topped at 9,189' MD, 9,056' TVD, (-7193'). There were only trace sample shows observed within the Midale, with no significant gas increases over the high Ratcliffe background.

The top of the Mission Canyon Formation (Nesson zone) was reached at 9,350' MD, 9,127.9' TVD (-7264.9') in the curve building portion of the lateral. Samples from the initial contact with the Nesson porosity contained Limestone: tan, cream, very fine crystalline, fragmental, occasionally peloidal, spotty black oil stain in vugs, yellow fluorescence in part, slow streaming cut in part, very poor interparticle and small pin point vuggy porosity, occasional white to clear anhydrite & calcite crystals. Surface oil (free oil on the samples) was observed, probably coming from produced oil in the drilling fluid (mud). A trip gas spike of 1,802 units was recorded when the steerable assembly was tripped into the hole at 9,475' MD. Due to an unexpectedly aggressive angle build in the last portion of the curve build, the top of the Nesson was once again encountered at 9,521' MD, 9,127' TVD as the well path moved back up stratigraphically.

SIDETRACK #1

Sidetrack #1 was initiated to avoid the sharp upward climb of the end of Lateral #1. Sidetrack #1 remained predominately within the top 5' of the Nesson porosity, and oscillating between the top of the Nesson and the relative "hard streak" delineating the base of the uppermost 3.5' to 5' (stratigraphically) of the Nesson porosity. The well path did traverse up into the base of the Midale on two occasions, but it was possible to steer back down into the targeted Nesson porosity. A tabulation of the encounters with the top of the Nesson / base of the Midale and with the "hard streak" 3.5-5' down from the top of the Nesson is presented in the table "Dip Estimates". Some of the recorded events are based on Gamma Ray markers, while others (generally the "hard streak") are interpreted from drill rate and natural inflections of the well path. Samples from the upper Nesson porosity were generally limestone: tan, cream, very fine crystalline, fragmental, occasional peloidal, spotty black oil stain in vugs, yellow fluorescence, slow to fast streaming cut in part, very poor interparticle and pin point vuggy porosity, with some white to clear anhydrite and calcite crystals.

One portion of Sidetrack #1 that exhibited higher gas readings was noted between 11,315' MD and 11,355' MD. Drillers noted torque and bit bound around 11,370' MD that may indicate a fractured interval. Gas background levels and the size of the connection gas and downtime gas spikes was greater following the events at 11,315' MD to 11,355' MD and 11,370' MD. Sidetrack #1 was terminated when the base of the Midale argillaceous zone was penetrated at a steep up angle.

SIDETRACK #2

Sidetrack #2 was started off of Sidetrack #1 to avoid the encounter with the "tough drilling" basal Midale. Sidetrack #2 took off from Sidetrack #1 below the 3.5' to 5' "hard streak" and the first portion of Sidetrack #2 was drilled in the lower 10' to 12' stratigraphically of the Nesson porosity. Gas readings were generally higher up to 11,700' MD than the balance of the drilling of Sidetrack #2. This would seem to indicate that the shows were better in the lower portion of the Nesson porosity as we reached out beyond 3,500' Vertical Section [VS] from the surface location. After tripping for a fresh bit at 12,040' MD, the well path was returned to the uppermost 3.5' to 5' of the Nesson. Free oil was noted coming over the shale shaker screens following the bit trip (associated with the trip gas). Samples recovered from Sidetrack #2 were generally similar to those described above for Sidetrack #1, but becoming progressively smaller in size (milled up by the drill pipe while passing through the lateral portion of the hole) and increasingly coated with free oil from the mud system. Some samples were little more than an oily paste. In Sidetrack #2, one short excursion into the overlying basal Midale was experienced and another close encounter (without drilling all the way out of the Nesson) was likely. Gas readings did depress somewhat with these "out of porosity" encounters. Interpreted and Gamma Ray - documented top and bottom of zone events are included in this report in a table that addresses "Dip Estimates".

Sidetrack #2 was terminated when the legal "hardline setback" was approached, the MWD batteries failed, and the basal Midale argillaceous marker was penetrated, all at approximately the same time.

DIP ESTIMATES

Average formation dips were calculated using the multiple contact points with known (or suspected) equivalent stratigraphic markers. The estimates are "straight line" extrapolations, but serve to give an approximate average dip. The large variation in the dip estimates may be due to drilling the lateral along the edge of the structure, or minor short term variations in the dip.

Dip Estimates

Marker	MD	TVD	Vsec	TVD diff.	Vsec diff.	Dip	Dipping up/down	Hit Marker Going	Comment
Top of Nesson *	9350.00	9127.90	1220.00	-	-	-	-	down	Lateral #1
Top of Nesson	9521.00	9127.00	1388.80	-0.90	168.80	0.31	up	up	Lateral #1
Top of Nesson *	9785.00	9127.10	1653.00	0.10	264.20	-0.02	flat	up	Sidetrack #1
Top of Nesson *	9840.00	9127.20	1707.90	0.10	54.90	-0.10	down	down	Sidetrack #1
Top of Nesson	10280.00	9121.10	2146.80	-6.10	438.90	0.80	up	up	Sidetrack #1
Top of Nesson	10400.00	9120.70	2266.40	-0.40	119.60	0.19	up	down	Sidetrack #1
Top of Nesson *	10800.00	9121.75	2665.80	1.05	399.40	-0.15	down	up	Sidetrack #1
Top of Nesson *	11006.00	9122.20	2870.90	0.45	205.10	-0.13	down	down	Sidetrack #1
Top of Nesson *	11236.00	9123.20	3099.90	1.00	229.00	-0.25	down	up	Sidetrack #1
Top of Nesson *	11280.00	9125.00	3143.80	1.80	43.90	-2.35	down	down	Sidetrack #1
Top of Nesson *	11620.00	9119.50	3482.40	-5.50	338.60	0.93	up	up	Sidetrack #1
Top of Nesson *	12188.00	9120.60	4016.40	1.10	534.00	-0.12	down	up	Sidetrack #2
Top of Nesson *	12307.00	9121.25	4127.50	0.65	111.10	-0.34	down	down	Sidetrack #2
Top of Nesson	12515.00	9120.50	4327.75	-0.75	200.25	0.21	up	up	Sidetrack #2
Top of Nesson	12755.00	9121.30	4566.10	0.80	238.35	-0.19	down	up	Sidetrack #2
Base of top porosity	9380.00	9133.10	1249.50	-	-	-	-	down	Lateral #1
Base of top porosity	9487.00	9132.30	1355.50	-0.80	106.00	0.43	up	up	Lateral #1
Base of top porosity	9556.00	9131.80	1424.40	-0.50	68.90	0.42	up	up	Sidetrack #1
Base of top porosity	9900.00	9129.70	1767.80	-2.10	343.40	0.35	up	down	Sidetrack #1
Base of top porosity	10000.00	9128.70	1867.70	-1.00	99.90	0.57	up	up	Sidetrack #1
Base of top porosity	10630.00	9124.40	2496.10	-4.30	628.40	0.39	up	down	Sidetrack #1
Base of top porosity	10730.00	9123.70	2596.00	-0.70	99.90	0.40	up	up	Sidetrack #1
Base Nesson *	11710.00	9136.80	3566.80	-	-	-	-	down	Sidetrack #2
Base Nesson *	11778.00	9136.60	3632.30	-0.20	65.50	0.17	up	up	Sidetrack #2

SUMMARY

The Basic Game & Fish #34-3H was successfully steered to a horizontal penetration of the Nesson zone of the Mission Canyon Formation. The lateral exposed a net 3,800' following the initial penetrations of the top of the Nesson. The vast majority lateral is interpreted to have been drilled within the Nesson, in or stratigraphically near the Nesson "porosity". The Basic Game & Fish #34-3H required 21 drilling days or approximately 206 drilling hours. The drilling operation generally went smoothly, with few delays or problems. General sample quality (e.g. How representative were the samples recovered ?) was rated as fair to poor due to very fine cuttings size out in the lateral. The show quality in the lateral was fair to good, with obvious oil staining and visible open porosity.

CONCLUSIONS

- 1) A window was milled in the original 5.5" casing for directional sidetracking.
- 2) A significant show was encountered in the Ratcliffe, which persistently produced gas during the drilling of the well.
- 3) The Nance Basic Game & Fish #34-3H was successfully steered to a horizontal trajectory in the targeted Nesson zone of the Mission Canyon Formation. Two open hole sidetracks were performed to keep the well path in the target zone.
- 4) There were 3,800' measured depth feet drilled in the lateral following the initial penetration of the Nesson. Of the total footage drilled after initial penetration of the Nesson target 3,249' (or 85.5%) were drilled in or very near the targeted porosity streak, 68' (or 1.8%) were drilled just below the target streak, and 483' (or 12.7%) were drilled just above the ideal target.
- 5) Sample show and visual porosity estimates indicated fair to good hydrocarbon production potential for the lateral. Fluid losses and free oil in the mud and on the samples also indicate permeability and movable oil phase.
- 6) The Nance Basic Game & Fish #34-3H awaits open hole completion in the Nesson lateral following an acid stimulation with the drilling rig after TD.

Respectfully submitted,

Wayne Freisatz
Sunburst Consulting

WELL DATA SUMMARY

OPERATOR: Nance Petroleum Corporation

ADDRESS: P.O. Box 7168, 550 N. 31st St., Ste. #500
Billings, Montana 59101
(406) 245-8248

WELL NAME: Basic Game & Fish 34-3H

API#: 33-053-02102

SURFACE LOCATION: 392' FSL & 494' FWL
SW SW Section 2, T153N, R101W

BOTTOM HOLE LOCATION:

Lateral #1 237.55' North & 1,388.06' West of surface location
Approx. 629.55' FSL, 894.06' FEL SE SE Sec. 3

Sidetrack #1 970.22' North & 3,406.95' West of surface location
Approx. 1,362' FSL, 2,371' FWL NE SW Sec. 3

Sidetrack #2 1,582.72' North & 4,338.8' West of surface location
Approx. 1,975' FSL, 1,439' FWL NE SW Sec. 3

FIELD: Baker Field

COUNTY, STATE: McKenzie County, North Dakota

BASIN: Williston

WELL TYPE: Horizontal Nesson (Mission Canyon)

BASIS OF PROSPECT: Well Control, Accelerate Production, Add Reserves

ELEVATION: SUB: 13'
GL: 1,850'
KB: 1,863'

RE-ENTRY DATE: 11/2/02

TOTAL DEPTH / DATE: Lateral # 1: 9,530' MD, 14:35 CST on 11/09/02
Sidetrack #1: 11,680' MD, 09:35 CST on 11/15/02
Sidetrack #2: 12,800' MD, 13:00 CST on 11/20/02

TOTAL DRILLING DAYS: 21

STATUS OF WELL: Open hole completion in Nesson lateral

CONTRACTOR: J & R Well Service Rig #7

TOOLPUSHER: Gordon Lalim, Mike Weidmer

FIELD SUPERVISOR: Les Fredrickson

MUD TYPE: Fresh water

WELLSITE GEOLOGISTS: Wayne Freisatz, Tom Griggs

GEOSTEERING SYSTEM Sunburst Digital Wellsite Geological System

PROSPECT GEOLOGIST: Mike Bryant

ROCK SAMPLING: **Lateral:** 10' from 9,038' to 9,330'
30' from 9,330' to 9,530'
Sidetrack #1 10' from 9,470' to 9,500'
30' from 9,500' to 11,680'
Sidetrack #2 30' from 11,390' to 12,800'

CASING: 9.625" 36# K-55 set @ 2,960'
5.5" 17/20/23# RS-90/L-80 to 9,702'

HOLE SIZE: 4.5" from 9,038' to 9,530' **Lateral #1**
4.5" from 9,460' to 11,680' **Sidetrack #1**
4.5" from 11,390' to 12,800' **Sidetrack #2**

DRILL STEM TEST: none

CORE PROGRAM: none

H2S MONITORING: OSI Oilfield Safety Incorporated

MULTI-SHOT: Baker Hughes Inteq
Jim Gale

WHIPSTOCK: Baker Hughes Inteq - Roger Smith

DIRECTIONAL DRILLERS: Baker Hughes Inteq
Richard Davis, Tom Tuttle, Jerry Davis

MWD: Baker Hughes Inteq,
Gary Cropsey, Jim Gale, Troy Hiesler,
Wes Clausen, Mike Riley

KEY OFFSET WELLS:

original well: Basic Earth Science Systems, Inc.
Basic Game & Fish 34-3
SW SW Sec. 2, T153N, R101W
McKenzie Co., N.D., KB: 1,872'
Drilled 11/95

John L. Cox
French Pinney #24-3
SE SW Sec. 3, T153N, R101W
McKenzie Co., N.D., KB: 1,871'
Drilled 7/87

DISTRIBUTION:

Basic Game & Fish 34-3H

Reports: Final logs:

Nance Petroleum Corporation

550 N. 31st St., Ste. 500

P.O. Box 7166

Billings, MT 59101-7168

(406) 245-6248

fax (406) 245-9106

Mike Bryant, Gary Evertz, Pat Salwey

2

2

Palace Exploration Company

3

3

1202 East 33rd St., Ste. 100

Tulsa, OK 74105

(918) 743-5096

fax (918) 712-8924

Robert M. Zinke, Richard D. Siegal

Hunt Petroleum Corporation

1

2

One Riverway, Ste. 700

Houston, TX 77056

(713) 871-3472

fax (713) 880-8945

Jon Norman

J. Hiram Moore, LTD.

1

1

P.O. Box 910196

Dallas, TX 75391-0196

(915) 682-1681

fax (915) 682-0439

Richard L. Moore

Baylde Petroleum, Inc.

1

2

415 S. Boston, Ste. 500

Tulsa, OK 74103

(918) 585-8150

fax (918) 585-9813

Michael J. Murphy

Zavanna LLC.

2

2

1600 Stout Street, Ste. 560

Denver, CO 80202

(303) 595-8004

fax (303) 595-9847

Bill Coleman, Steve Swanson

Bureau of Land Management

1

2

North Dakota Field Office

2933 Third Ave. West

Dickinson, N.D. 58601-2619

(701) 225-9148

fax (701) 227-8510

Reports:Final logs:

North Dakota Industrial Commission

2

1&digital

Oil & Gas Division

600 East Boulevard Ave.

Bismarck, N.D. 58505

(701) 328-8020

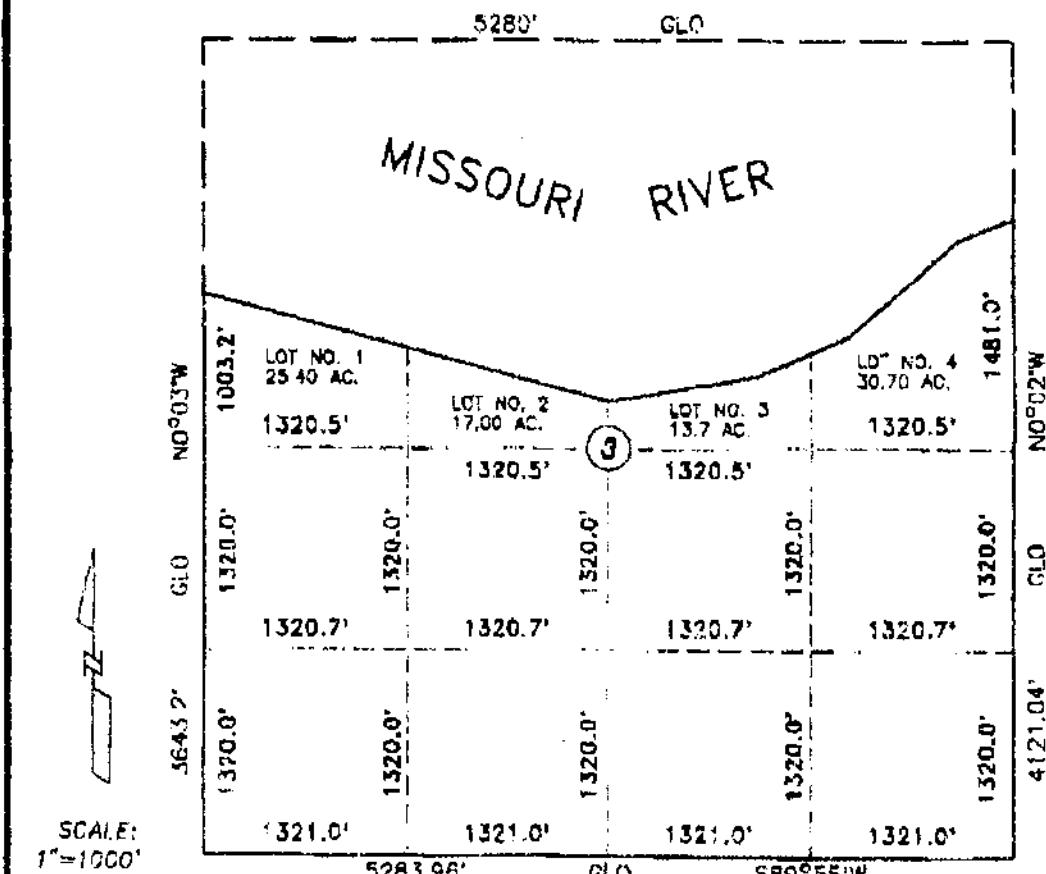
fax (701) 328-8022

ND NORTH DAKOTA - SUPPLEMENTAL PLAT ND

Applicant NANCE PETROLEUM

Well Name & No. BASIC GAME AND FISH 34-3H

Section 3, T 153N, R 101W, 5th. P.M., MCKENZIE County, North Dakota



I HEREBY CERTIFY THAT THIS SUPPLEMENTAL PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. NOT A FIELD SURVEY

GLO INFORMATION DERIVED FROM
GLO PLATS DATED MAR. 30, 1901.

PRELIMINARY

ND LEO J. MORGAN RLS# 2883 N. DAK.

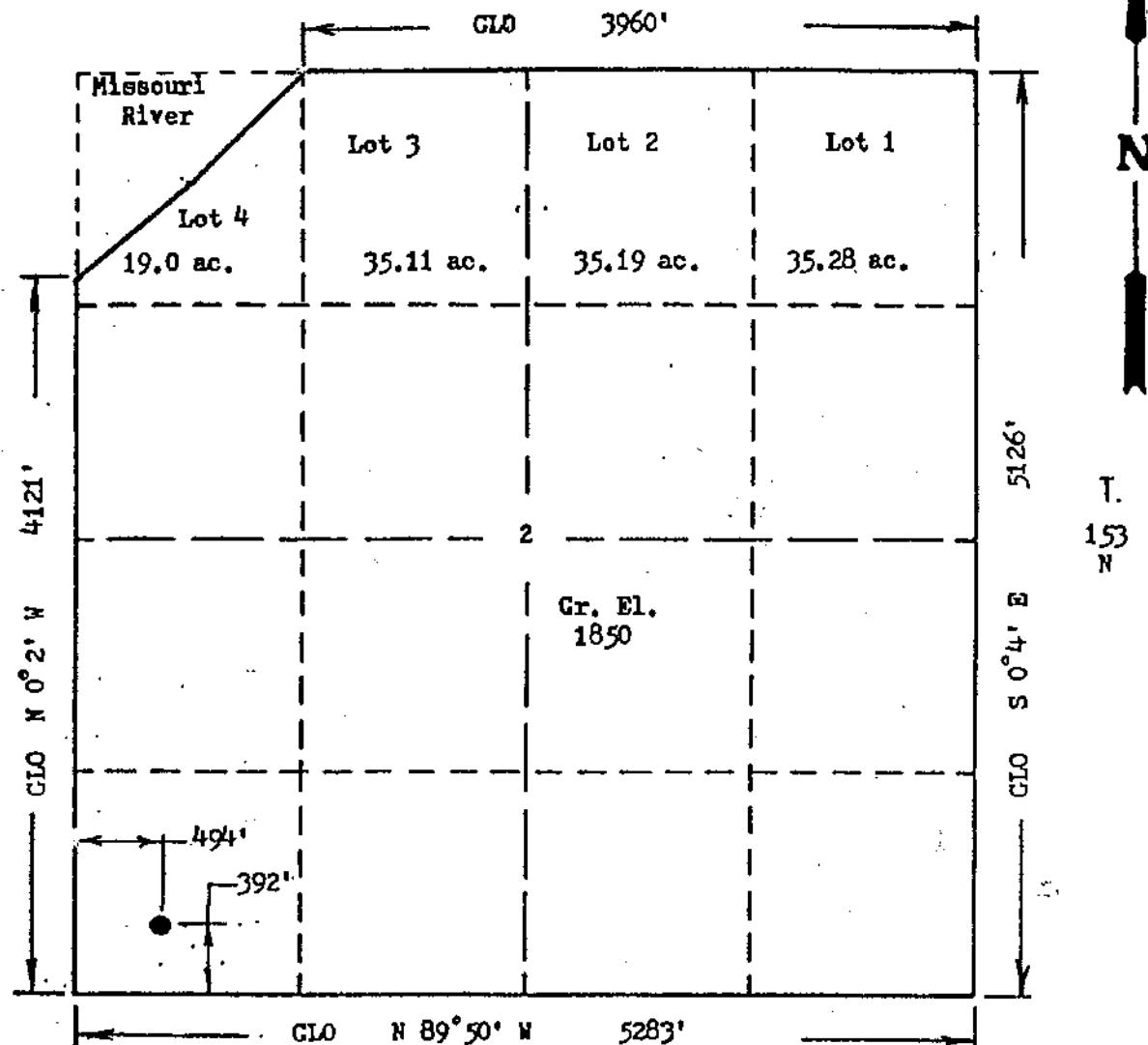
DATE OF PLAT: 09/05/2002

JOB NO. 02-212 DR/VG. NO. 1 OF 1

ND AmeriTech Engineering Corporation
WILLISTON ND BELFIELD ND

CERTIFICATE OF AUTHORIZATION # C-171

R. 101 W



Scale: 1"=1000'

Powers Elevation of Denver, Colorado has in accordance with a request
from Tom Hopkins for Basic Earth Science Systems Inc.
determined the location of Basic Game & Fish #14-2 (34-3)
to be 392' FS & 494' FW Section 2 , Township 153 N
Range 101 West of the Fifth Principal Meridian,
McKenzie County, North Dakota

I hereby certify that this plot is an
accurate representation of a correct
survey showing the location of
Basic Game & Fish #14-2

Date: 9-4-81



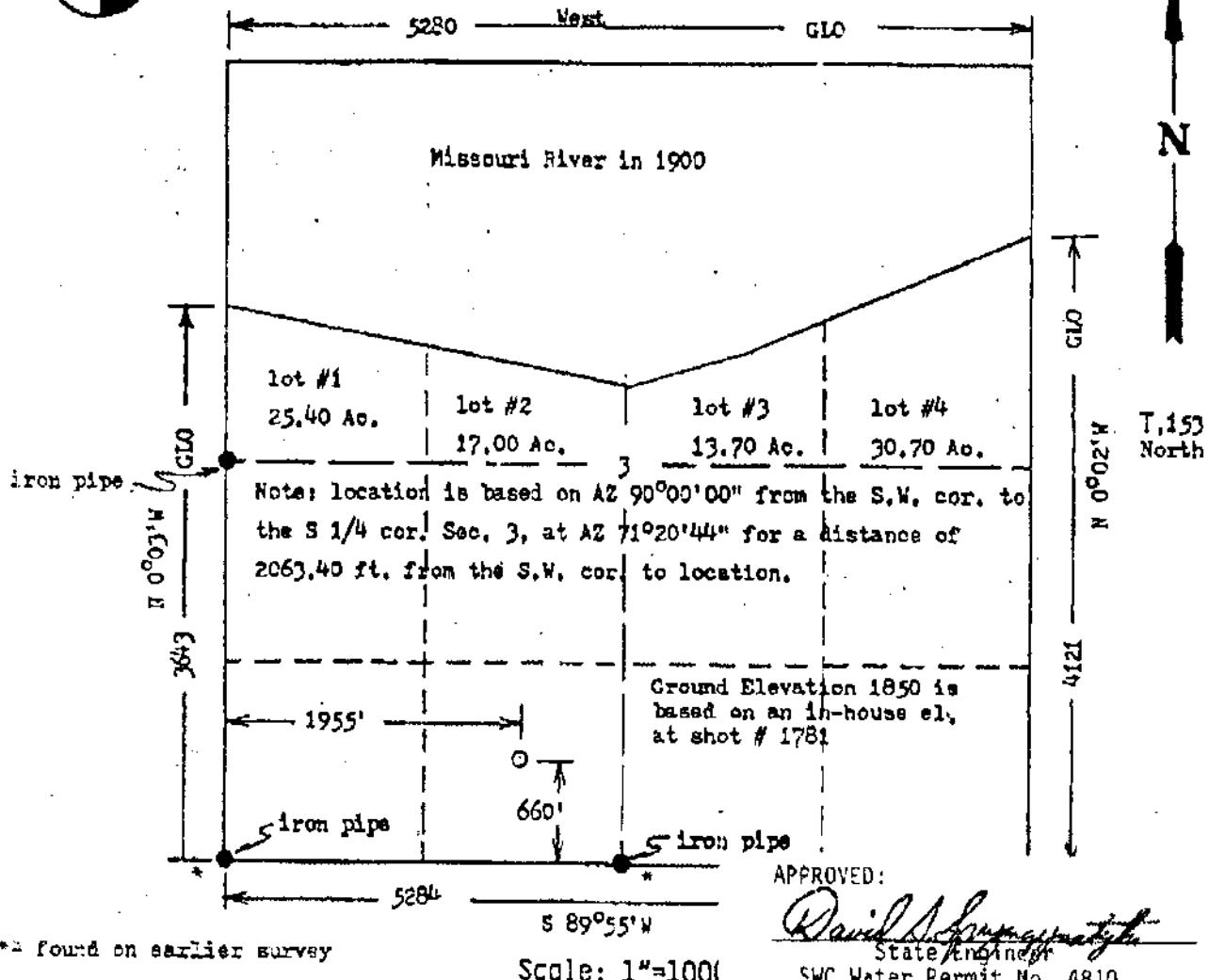
Licensed Land Surveyor No. 2883
State of North Dakota

John L. Cox French Pinney 24-3 660'fs & 1955'fw Sec. 3 T.153N R.101W McKenzie Co, ND



Form PS-102

R. 101 West



* Found on earlier survey

David J. Horgan
State Engineer
SWC Water Permit No. 4810

Powers Elevation, Inc. of Denver, Colorado has in accordance with a request from Bill Dolen for John L. Cox determined the location of French Pinney 24-3 to be 660'fs & 1955'fw Section 3, Township 153 North Range 101 West of the fifth principal Meridian, McKenzie County, North Dakota

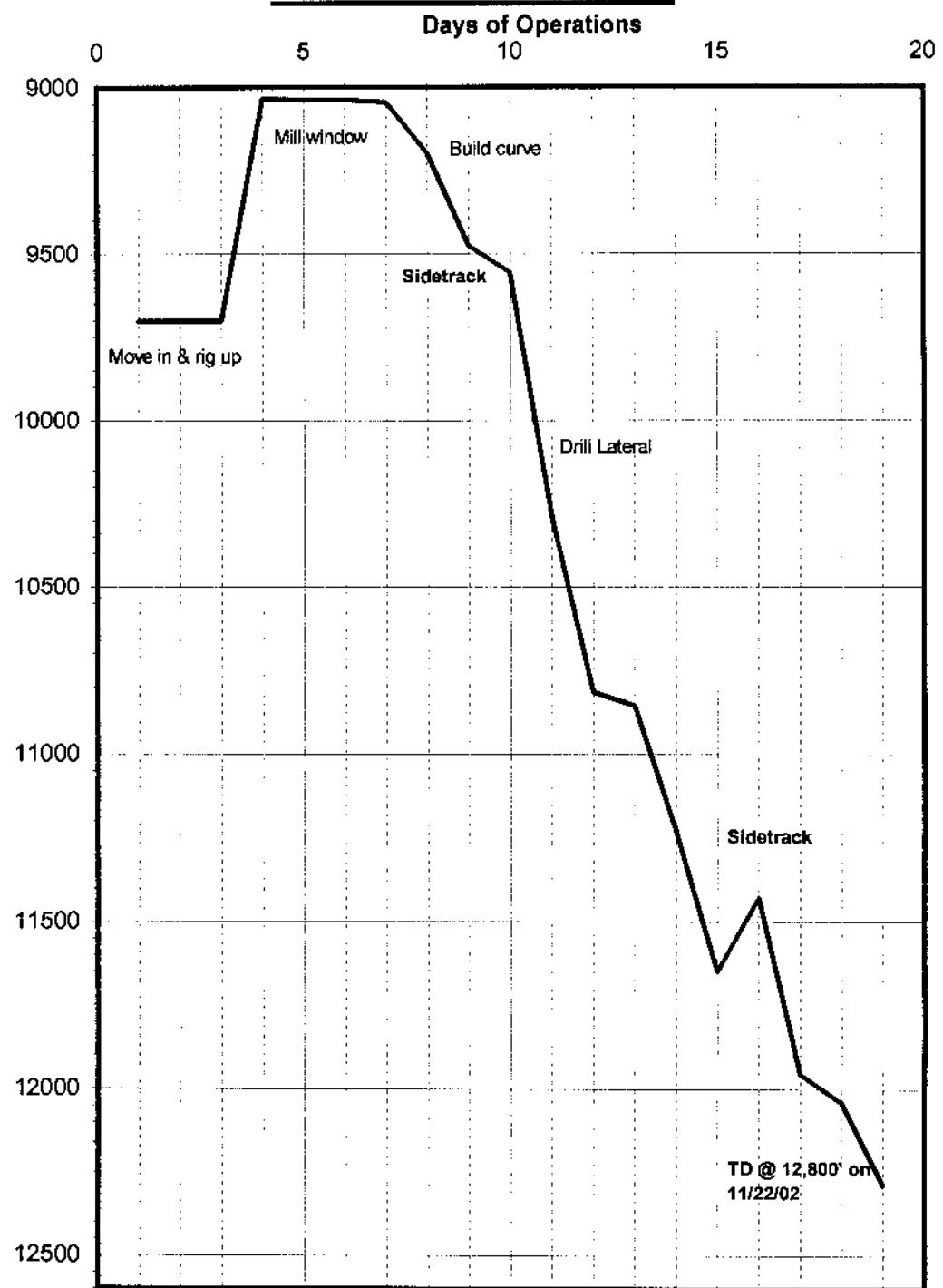
I hereby certify that this plot is an accurate representation of a correct survey showing the location of French Pinney 24-3

Date: 5-14-87



L.Horgan
Licensed Land Surveyor No. 2883
State of North Dakota

TIME VS DEPTH



DAILY DRILLING SUMMARY

Basic Game & Fish 34-3H

2002 06:00 hrs

DAY	DATE	DEPTH	PROG	BIT #	WOB	RPM	PP	WT	VIS	PV/YP	WL	CK	CL	SOL	ACTIVITY	FORMATION
1	11/1	9702	-	-	-	-	-	-	-	-	-	-	-	-	Move in J&R Rig #7	Mission Canyon
2	11/2	9702	-	-	-	-	-	-	-	-	-	-	-	-	Rig up, nipple up, pick up tubing	Mission Canyon
3	11/3	9702	-	-	-	-	-	-	-	-	-	-	-	-	Run packer	Mission Canyon
4	11/4	9034	-	-	-	-	-	-	-	-	-	-	-	-	Gyro survey, set whipstock	BLS
5	11/5	9038	-	-	-	-	-	-	-	-	-	-	-	-	Mill window	BLS
6	11/6	9038	-	-	-	-	-	-	-	-	-	-	-	-	Trip in curve build assem., MWD fail	BLS
7	11/7	9044	6	1	time	225MM	1170	8.33	27	-	-	-	-	-	Trip, time drill, trip to check motor	BLS
8	11/8	9196	152	1	6-8	50/225	1150	8.3+	28	0	n/c	-	-	-	Trip, time drill, drill curve	Midale
9	11/9	9475	279	1	5-10	40/225	1170	8.4	28	0	n/c	-	-	-	Drill curve, trip for lateral assembly	Nesson
10	11/10	9558	153	2	0-10	40/103	1650	8.4	28	0	n/c	-	-	-	Trip, circ., time drill for sidetrack, dril	Nesson
11	11/11	10288	670	2	6-10	40/103	1750	8.4	28	0	n/c	-	-	-	Drill lateral	Nesson
12	11/12	10815	527	2	6-16	40/103	1800	8.4	28	0	n/c	-	-	-	Drill, short trip, drill lateral	Nesson
13	11/13	10856	41	2	6-16	40/103	1760	8.4+	28	0	n/c	-	-	-	Drill, trip for bit, wash to bottom	Nesson
14	11/14	11228	372	3	6-35	40/103	1820	8.4	28	0	n/c	-	-	-	Drill lateral	Nesson
15	11/15	11649	421	3	6-35	40/103	1840	8.4	28	0	n/c	-	-	-	Drill, short trip, drill lateral	Nesson
16	11/16	11427	68	3	time	103	1700	8.4	28	0	n/c	-	-	-	Drill, pull back to sidetrack, time drill	Nesson
17	11/17	11956	529	3	6-30	40/103	1900	8.4	28	0	n/c	-	-	-	Drill lateral in sidetrack #2	Nesson
18	11/18	12040	84	3	6-30	40/103	1900	8.4+	28	0	n/c	-	-	-	Drill, trip for bit	Nesson
19	11/19	12289	249	4	8-50	45/103	1760	8.4+	28	0	n/c	-	-	-	Trip in; drill	Nesson
20	11/20	12617	328	4	8-50	45/103	1760	8.4+	28	0	n/c	-	-	-	Drill; short trip; drill	Nesson
21	11/21	12800	183	4	8-50	45/103	1760	8.4+	28	0	n/c	-	-	-	Drill; TD; short trip; trip out; trip in	Total Depth

DAILY DRILLING CHRONOLOGY

Basic Game & Fish 34-3H

DAYS 2002	DATE	6:00 A.M. 24 HR		ACTIVITY
		FOOTAG E (feet)	FOOTAGE (feet)	
1	11/1	9702	-	Move in J&R Well Service Rig #7
2	11/2	9702	-	Rig up swivel, test BOP's, anti mouse hole, swivel down, make up BHA, nipple up flow line, rig up pick up machine, pick up 30 drill collars, pick up drill pipe, rig down pick up machine, trip out of hole
3	11/3	9702	-	trip out, rig up wireline truck, make up junk basket & gauge ring, run in Baker 4.318 whipstock packer on wireline - stacked out @ 6670', rig down wireline truck, wait on Baker tools, trip in packer, run wireline orientation tool, drop ball & wait 45 min., pump 20 bbls., set packer, adjust rig over hole, trip out
4	11/4	9034	-	Finish trip out, make up whipstock & lay down on beaver slide, rig up & run gyro - tool failed @ 2000', pull out & change gyro, run gyro survey, pull out & lay down gyro, pick up whipstock & run in, set whipstock @ 9036', swivel up, fill hole & circulate out gas & oil, run starter mill 9032-34', swivel down, trip out, pick up window mill, trip in
5	11/5	9038	-	Finish trip in, swivel up & circ., mill window to 9038', ream window, pump sweep, circ. Bottoms up, swivel down, lay down 104 jts. Drill pipe, stand back 76 stands drill pipe & 15 stands collars, wait on orders, string geograph line, pick up directional BHA & test, pick up 100 jts. 2.875" AOH drill pipe, run in collars
6	11/6	9038	-	trip in, pick up 4 jts. Drill pipe & tag bottom @ 9038', swivel up, circulate & attempt to get MWD pulses - no pulses, trip for MWD
7	11/7	9044	6	Trip for MWD - found 2 jts. AOH w/ bad threads, change out MWD & surface test, trip in, swivel up - fill pipe & test MWD, time drill (5 min./inch), pressure spike, trip to check motor
8	11/8	9196	152	Trip for motor, change out motor, orient & test, trip in, fill pipe & check MWD, swivel up & circulate, work on Pason, time drill 9044-50', drill (orient); drill (rotate); drill (orient)
9	11/9	9475	279	Drill (rotate), drill (orient), survey, drill (rotate), drill (orient), pump sweep & circulate bottoms up, swivel back, trip out for lateral assembly, change out BHA, orient & test, trip in
10	11/10	9558	153	Trip in lateral assembly, fill pipe & check MWD, trip in, wash to bottom, drill (orient), drill (rotate), drill (orient), circulate & wait on orders 9530' MD, swivel out 2 joints to sidetrack, trough hole 9440-60, time drill for sidetrack 9460-66 (5 min/inch), time drill 9466-69 (3 min/inch), drill orient, drill (rotate), drill (orient)
11	11/11	10288	670	Drill (rotate); drill (orient); survey; drill (rotate); drill (orient); drill (rotate)

DAYS	DATE 2002	6:00 A.M. 24 HR		ACTIVITY
		FOOTAG E (feet)	FOOTAGE (feet)	
12	11/12	10815	527	Drill (rotate); drill (orient); survey; drill (rotate); pump sweep & circulate bottoms up; short trip 15 stands; wash 2 joints to bottom; drill (orient); drill (rotate)
13	11/13	10856	41	Drill (rotate); drill (orient); pump sweep & circulate; drill (orient); swivel down, trip for bit @ 10856' MD; pull tight; swivel out 22 joints; drill pipe to rack; trip out; slip & cut drilling line; change floor motor oil; change out BHA; orient & test; trip in; fill pipe & check MWD; trip in; wash to bottom
14	11/14	11228	372	Orient tool face; drill (orient); drill (rotate); drill (orient); survey; pump sweep; drill (rotate); drill (orient)
15	11/15	11649	421	Drill (orient); drill (rotate); circulate & work pipe; swivel down; short trip @ 11598' MD; trip out 2 stands; swivel up; swivel out 12 joints; trip out 6 stands; trip in; swivel up; orient tool face; drill (orient); drill (rotate); drill (orient)
16	11/16	11427	68	Drill (orient); drill (rotate); circulate; pull back to sidetrack @ 11680' MD; swivel out 9 joints; orient tool face; trough hole 11365-11390'; time drill for sidetrack 11390-11417.5' (5 min./inch); time drill 11417.5-11419' (4 min./inch); time drill 11419-11422' (3 min./inch); drill (orient)
17	11/17	11956	529	Drill (orient); drill (rotate); survey; drill (rotate); drill (orient)
18	11/18	12040	84	Drill (orient); drill (rotate); drill (orient); pump sweep & circulate for bit trip @ 12040'; swivel out 28 jts. & trip out 7 joints to rack - pipe dragging; trip out; lay down BHA; change floor motor oil & service rig; tally new PH6 pipe; trip in PH6 & circulate through to clean; trip out PH6; wait on mud motor; pick up new BHA; orient & test - failed; change out MWD; test - OK; trip in; fill pipe & test MWD; trip in
19	11/19	12289	249	Swivel up & orient into sidetrack hole; trip in; swivel up; survey; drill (rotate); drill (orient)
20	11/20	12617	328	Drill (orient); drill (rotate); drill (orient); short trip @ 12,537' MD; swivel out 18 joints; trip in 17 joints; swivel up; wash to bottom; drill (rotate); drill (orient); drill (rotate)
21	11/21	12800	183	12,800'; circulate bottoms up, short trip back to casing; trip back in; attempt to re-enter sidetrack #2 - didn't go; trip out; lay down mud motor; pick up acidizing equipment; change out MWD batteries; trip in; orient into sidetrack #2; prepare to acidize lateral

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/10/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	9475				3' 6"					Trip
8:00 AM	9475				3' 6"					Trip
9:00 AM	9475				3' 6"					Trip
10:00 AM	9475				3' 6"					Trip
11:00 AM	9475				3' 6"					Trip
12:00 PM	9475				3' 6"					Trip
1:00 PM	9475				3' 6"					Trip
2:00 PM	9523				3' 5-1/2"	0' 0-1/2"			2.1	
3:00 PM	9530				3' 4"	0' 1-1/2"			6.3	8.4
4:00 PM	9450				3' 3"	0' 1"			4.2	12.6
5:00 PM	9450				3' 3"					Cut trough f/ side track 31
6:00 PM	9450				3' 2-1/2"	0' 0-1/2"			2.1	14.7
7:00 PM	9461				3' 1"	1-1/12"			6.3	21
8:00 PM	9462				3' 0"	0' 1"			4.2	25.2
9:00 PM	9463				3' 0"					Time drill f/ side track #1
10:00 PM	9464				3' 0"					Time drill f/ side track #1
11:00 PM	9465				3' 8"					Transf 36 BFW f/ Rti Tk to MT
12:00 M	9466				3' 8"	0' 1"				Time drill f/ side track #1
1:00 AM	9468				3' 7"	0' 1"			4.2	29.4
2:00 AM	9470				3' 5-1/2"	0' 1-1/2"			6.3	35.7
3:00 AM	9477	189			3' 6"	0' 0-1/2"			2.1	37.8
4:00 AM	9488	187		2	3' 3-1/2"	0' 1-1/2"			6.3	44.1
5:00 AM	9523	181		6	3' 1"	0' 2-1/2"			10.5	54.6
6:00 AM	9554	172		9	2' 11"	0' 2"			8.4	63
7:00 AM	9590	164		8	2' 7"	0' 4"			16.8	79.8
TOTALS				25					79.8	
										Hole loss f/ day = 80 BFW

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/11/2002

GAIN - LOSS REPORT							DATE - 11/11/2002			
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	9690	189			2' 7"				80	
8:00 AM	9636	209		10	3' 5"	0' 2 1/2"		10.5	90.5	Transf 50 BFW f/ Rtl Tk to MT
9:00 AM	9664	197		12	3' 2-1/2"	0' 2 1/2"		10.5	101	
10:00 AM	9718	186		11	3' 0"	0' 2 1/2"		10.5	111.5	
11:00 AM	9729	176		10	2' 9-1/2"	0' 2 1/2"		10.5	122	
12:00 N	9767	164		12	2' 7"	0' 2 1/2"		10.5	132.5	
1:00 PM	9800	152		12	2' 4-1/2"	0' 2 1/2"		10.5	143	
2:00 PM	9828	190		4	3' 10"	0' 2-1/2"		6.3	149.3	Transf 63 BFW f/ Rtl Tk to MT
3:00 PM	9856	194		8	3' 10"	0' 0"		10	159.3	Pump 10 bbl HEC sweep
4:00 PM	9878	185		9	3' 6"	0' 4"		16.8	176.1	
5:00 PM	9905	172		13	3' 3"	0' 3"		12.6	188.7	
6:00 PM	9953	159		13	2' 11"	0' 3"		12.6	201.3	
7:00 PM	9972	147		12	2' 8"	0' 3"		12.6	213.9	
8:00 PM	9994	134		13	2' 5"	0' 3"		12.6	226.5	
9:00 PM	10025	125		9	2' 3"	0' 2"		8.4	234.9	
10:00 PM	10044	181		11	3' 5"	0' 2"		8.4	243.3	Transf 67 BFW f/ Rtl Tk to MT
11:00 PM	10072	168		13	3' 1-1/2"	0' 3-1/2"		14.7	258	
12:00 M	10084	144		24	2' 8-1/2"	0' 5"		21	279	
1:00 AM	10115	115		29	2' 1"	0' 4-1/2"		18.9	297.9	
2:00 AM	10150	198		1	3' 8"	0' 3"		12.6	310.5	Transf 84 BFW f/ Rtl Tk to MT
3:00 AM	10191	176		21	3' 3"	0' 5"		21	331.5	
4:00 AM	10215	147		29	2' 8"	0' 7"		29.4	360.9	Transf 37 BFW f/ Rtl Tk to MT
5:00 AM	10245	168		16	3' 1"	0' 5"		21	381.9	
6:00 AM	10290	147		21	2' 9"	0' 4"		16.8	398.7	Transf 48 BFW f/ Rtl Tk to MT
7:00 AM	10320	185		10	3' 6"	0' 2 1/2"		10.5	409.2	
TOTALS			323					329.2		Hole loss f/ day = 329.2 BFW
										Total fid loss = 409.2 BFW

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/12/2002

WELL - BASIC GAME & FISH 34-3H		GAIN - LOSS REPORT						DATE - 11/12/2002		
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	10320	185			3' 8"				409.2	
8:00 AM	10354	160		25	3' 0"	0' 6"		25	434.2	
9:00 AM	10394	134		26	2' 6"	0' 6"		25	459.2	
10:00 AM	10426	189		11	3' 7"	0' 3"		12.6	471.8	Transf 66 BFW f/ Rtl Tk to MT
11:00 AM	10468	194		10	3' 8"	0' 3"		12.6	484.4	Pump 10 bbl HEC sweep
12:00 N	10488	179		15	3' 4"	0' 4"		16.8	501.2	
1:00 PM	10488								501.2	Make 30 ft (930') short trip
2:00 PM	10488								501.2	"
3:00 PM	10488								501.2	"
4:00 PM	10488								501.2	"
5:00 PM	10497	127		52	2' 4"	1' 0"		50	551.2	"
6:00 PM	10520	189		20	3' 8-1/2"	0' 5"		21	572.2	Transf 82 BFW f/ Rtl Tk to MT
7:00 PM	10553	168		21	3' 1-1/2"	0' 7"		29.4	601.6	
8:00 PM	10568	168		12	3' 1"	0' 3"		12.6	614.2	Pump 10 bbl HEC sweep
9:00 PM	10591	147		18	2' 9"	0' 4"		16.8	631	
10:00 PM	10618	132		15	2' 6"	0' 3"		12.6	643.6	
11:00 PM	10649	196		10	3' 7"	0' 2"		8.4	652	Transf 63 BFW f/ Rtl Tk to MT
12:00 M	10680	181		15	3' 4"	0' 3"		12.6	684.6	
1:00 AM	10697	151		30	2' 9"	0' 7"		29.4	694	
2:00 AM	10743	130		21	2' 4"	0' 5"		21	715	
3:00 AM	10757	196		8	3' 8"	0' 2"		8.4	723.4	Transf 69 BFW f/ Rtl Tk to MT
4:00 AM	10798	176		20	3' 3"	0' 5"		21	744.4	
5:00 AM	10812	166		20	3' 0"	0' 6"		25	769.4	Pump 10 bbl HEC sweep
6:00 AM	10820	151		15	2' 9"	0' 3"		12.6	782	
7:00 AM	10832	140		11	2' 7"	0' 2"		8.4	790.4	
TOTALS				376				381.2		Hole loss f/ day = 381.2 bbls
										Total fld loss = 790.4 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/13/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	10832	140			2' 7"	0' 2"			790.4	Transf 53 BFW ft Rd Tk to MT
8:00 AM	10845	193		10	3' 6"	0' 2"		8.4	798.8	Pump 10 bbl HEC sweep
9:00 AM	10851	177		16	3' 4"	0' 4"		16.8	815.6	
10:00 AM	10856	164		13	3' 0"	0' 4"		16.8	832.4	
11:00 AM	10856				3' 0"				832.4	Trip for bit & motor
12:00 N	10856				3' 0"				832.4	Trip for bit & motor
1:00 PM	10856				3' 0"				832.4	Trip for bit & motor
2:00 PM	10856				3' 0"				832.4	Trip for bit & motor
3:00 PM	10856				3' 0"				832.4	Trip for bit & motor
4:00 PM	10856				3' 0"				832.4	Trip for bit & motor
5:00 PM	10856				3' 0"				832.4	Trip for bit & motor
6:00 PM	10856				3' 0"				832.4	Trip for bit & motor
7:00 PM	10856				3' 0"				832.4	Trip for bit & motor
8:00 PM	10856				3' 0"				832.4	Trip for bit & motor
9:00 PM	10856				3' 0"				832.4	Trip for bit & motor
10:00 PM	10856				3' 0"				832.4	Trip for bit & motor
11:00 PM	10856				3' 0"				832.4	Trip for bit & motor
12:00 M	10856				3' 0"				832.4	Trip for bit & motor
1:00 AM	10856				3' 0"				832.4	Trip for bit & motor
2:00 AM	10856				3' 0"				832.4	Trip for bit & motor
3:00 AM	10856				3' 0"				832.4	Trip for bit & motor
4:00 AM	10856				3' 0"				832.4	Trip for bit & motor
5:00 AM	10856	155		118	3' 0"			117.8	950.2	Lost on trip
6:00 AM	10856	149		6	2' 10"	0' 3"		12.6	962.8	
7:00 AM	10859	128		21	2' 6"	0' 5"		21	983.8	
TOTALS				184				193.4		Hole loss ft/day = 193.4 bbls
										Total fid loss = 983.8 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/14/2002

WELL - BASIC GAME & FISH 34-3H			GAIN - LOSS REPORT					DATE - 11/14/2002		
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	10859	140			2' 7"				983.8	
8:00 AM	10863	106		24	1' 11"	0' 8"		23.6	1007.4	Pump 10 bbl HEC sweep
9:00 AM	10871	200		5	3' 10"	0' 1-1/2"		6.6	1014	Transf 89 BFW ft Rd Tk to MT
10:00 AM	10871	198		2	3' 9"	0' 1"		4.2	1018.2	
11:00 AM	10874	198		20	3' 9"	0' 5"		21	1039.2	Pump 20 bbl HEC sweep
12:00 N	10905	190		8	3' 7"	0' 2"		8.4	1047.8	
1:00 PM	10917	181		9	3' 5"	0' 2"		8.4	1056	
2:00 PM	10926	156		25	2' 11"	0' 6"		25.2	1081.2	
3:00 PM	10932	128		26	2' 5"	0' 6"		25.2	1106.4	
4:00 PM	10938								1106.4	Clean mud tank
5:00 PM	10948								1106.4	Clean mud tank
6:00 PM	10957								1106.4	Clean mud tank
7:00 PM	10965	187			3' 6"				1106.4	Refilled MT after cleaning
8:00 PM	10987	172		15	3' 3"	0' 3"		12.6	1119	
9:00 PM	11005	160		12	2' 11"	0' 4"		16.8	1135.8	
10:00 PM	11027	145		15	2' 7"	0' 4"		16.8	1152.6	Pump 20 bbl HEC sweep
11:00 PM	11043	195		15	3' 11"	0' 4"		16.8	1169.4	Transf 30 BFW ft Rd Tk to MT
12:00 M	11065	187		8	3' 9"	0' 2"		8.4	1177.8	
1:00 AM	11092	176		11	3' 6"	0' 3"		12.6	1190.4	
2:00 AM	11122	180		16	3' 3"	0' 3"		12.6	1203	
3:00 AM	11153	142		18	2' 11"	0' 4"		16.8	1219.8	
4:00 AM	11185	128		14	2' 8"	0' 3"		12.6	1232.4	Pump 10 bbl HEC sweep
5:00 AM	11200	120		8	2' 5"	0' 3"		8.4	1240.8	
6:00 AM	11227	110		10	2' 0"	0' 5"		21	1261.8	
7:00 AM	11248	193		10	3' 8"	0' 2"		8.4	1270.2	Transf 93 BFW ft Rd Tk to MT
TOTALS			271					286.4		Hole loss ft/day = 286.4 bbls
										Total fld loss = 1270.2 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/14/2002

WELL - BASIC GAME & FISH 34-3H				GAIN - LOSS REPORT				DATE - 11/14/2002		
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	11248	193			3' 8"				1270.2	
8:00 AM	11265	"		16	3' 4"	0' 4"		16.8	1287	Pump 10 bbl HEC sweep
9:00 AM	11305	172		15	3' 3"	0' 3"		12.4	1299.4	
10:00 AM	11311	155		17	2' 11"	0' 4"		16.8	1316.2	
11:00 AM	11330	130		25	2' 6"	0' 5"		21	1337.2	Pump 20 bbl HEC sweep
12:00 N	11345	128		18	2' 6"	0' 5"		21	1358.2	
1:00 PM	11362	118		12	2' 3"	0' 3"		12.4	1370.6	
2:00 PM	11392	187		14	3' 8-1/2"	0' 3-1/2"		14.5	1385.1	Transf 68 BFW f/ Rtd Tk to MT
3:00 PM	11423	168		19	3' 2"	0' 4-1/2"		18.8	1404	
4:00 PM	11434	144		24	2' 8"	0' 6"		25.32	1429.32	
5:00 PM	11453	121		23	2' 2"	0' 6"		25.32	1454.64	Transf 70 BFW f/ Rtd Tk to MT
6:00 PM	11470	198		16	3' 9"	0' 4"		16.8	1471.44	Pump 20 bbl HEC sweep
7:00 PM	11475	197		10	3' 7"	0' 2"		8.4	1479.84	
8:00 PM	11517	170		27	3' 2"	0' 6"		21	1500.84	
9:00 PM	11550	151		19	2' 10"	0' 4"		16.8	1517.64	Pump 20 bbl HEC sweep
10:00 PM	11597	144		7	2' 8"	0' 2"		8.4	1528.04	
11:00 PM	11597	123		21	2' 2"	0' 6"		25.32	1551.36	Circ for short trip
12:00 M									1551.36	Transf 72 BFW f/ Rtd Tk to MT
1:00 AM									1551.36	Make short trip
2:00 AM	11604	147		48	2' 9"	0' 11"		46.2	1597.56	
3:00 AM	11617	134		13	2' 6"	0' 3"		12.6	1610.16	
4:00 AM	11629	115		19	2' 1"	0' 5"		21	1631.16	
5:00 AM	11640	141		15	2' 7"	0' 3"		12.6	1643.76	Transf 41 BFW f/ Rtd Tk to MT
6:00 AM	11649	155		24	2' 11"	0' 6"		25.32	1669.08	Transf 38 BFW f/ Rtd Tk to MT
7:00 AM	11661	145		10	2' 10"	0' 3"		12.6	1681.68	
TOTALS				412				411.48		Hole loss f/ day = 411.48 bbls
										Total fld loss = 1681.68 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/16/2002

WELL - BASIC GAME & FISH 34-3H		GAIN - LOSS REPORT							DATE - 11/16/2002	
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	11661	145			2' 10"				1681.68	
8:00 AM	11672	134		11	2' 6"	0' 4"		16.8	1698.48	
9:00 AM	11674	113		21	2' 1"	0' 5"		21	1719.48	
10:00 AM	11681	186		3	3' 6"	0' 2"		8.4	1727.88	Transf 65 BFW f/ Rtl Tk to MT
11:00 AM	11376	170		5	3' 2"	0' 4"		16.8	1744.68	Pump 10 bbl HEC sweep
12:00 N	11390	154		16	2' 11"	0' 3"		12.6	1767.28	Pull 9 jts f/ ST #2
1:00 PM	11390	129		25	2' 5"	0' 6"		26.2	1782.48	Make trough f/ ST #2
2:00 PM	11390	113		16	2' 1"	0' 4"		16.8	1799.28	Time drill f/ ST#2
3:00 PM	11391	189		0	3' 7"	0' 0"		0	1799.28	Transf 74 BFW f/ Rtl Tk to MT
4:00 PM	11392	170		19	3' 3"	0' 4"		16.8	1816.08	
5:00 PM	11393	151		19	2' 10"	0' 5"		21	1837.08	
6:00 PM	11396	132		19	2' 5-1/2"	4-1/2"		18.9	1865.98	
7:00 PM	11405	198		6	3' 9-1/2"	0' 2"		8.4	1864.38	Transf 72 BFW f/ Rtl Tk to MT
8:00 PM	11408	181		17	3' 5-1/2"	0' 4"		16.8	1881.18	
9:00 PM	11412	161		20	3' 0"	0' 5-1/2"		23.4	1904.58	
10:00 PM	11413	138		23	2' 6-1/2"	0' 5-1/2"		23.4	1927.98	
11:00 PM	11414	115		23	2' 1"	0' 5-1/2"		23.4	1951.38	
12:00 M	11415	194		3	3' 7"	0' 3"		12.6	1963.98	Transf 82 BFW f/ Rtl Tk to MT
1:00 AM	11416	170		24	3' 2"	0' 5"		21	1984.98	
2:00 AM	11417	154		16	2' 10"	0' 4"		16.8	2001.78	
3:00 AM	11418	134		20	2' 6"	0' 4"		16.8	2018.58	
4:00 AM	11420	110		24	2' 0"	0' 6"		25.2	2043.78	
5:00 AM	11421	90		20	1' 7"	0' 5"		21	2064.78	
6:00 AM	11430	112		19	2' 4"	0' 5"		21	2085.78	Transf 41 BFW f/ Rtl Tk to MT
7:00 AM	11436	198		10	3' 9-1/2"	0' 2"		8.4	2094.18	Transf 75 BFW f/ Rtl Tk to MT
TOTALS				379				412.5		Hole loss f/ day = 412.5 bbls
										Total fid loss = 2094.18 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/17/2002

BASIC GAME & FISH LOG										
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	11438	198			3' 9-1/2"				2084.18	
8:00 AM	11441	183		15	3' 5-1/2"	0' 4"		16.8	2110.98	
9:00 AM	11451	164		19	3' 1"	0' 4-1/2"		18.9	2129.88	
10:00 AM	11471	144		20	2' 8-1/2"	0' 4-1/2"		18.9	2148.78	
11:00 AM	11482	123		21	2' 3"	0' 5-1/2"		23.4	2172.18	
12:00 PM	11501	113		10	2' 1"	0' 2"		8.4	2180.58	
1:00 PM	11520	100		13	1' 10"	0' 3"		12.6	2193.18	
2:00 PM	11540	137		6	2' 7"	0' 2"		8.4	2201.58	Transf 32 BFW f/ Rtl Tk to MT
3:00 PM	11563	123		14	2' 4"	0' 3"		12.6	2214.18	
4:00 PM	11583	104		19	1' 11"	0' 6"		21	2235.18	
5:00 PM	11613	123		11	2' 4"	0' 3"		12.6	2247.78	Transf 30 BFW f/ Rtl Tk to MT
6:00 PM	11636	104		19	1' 11"	0' 5"		21	2268.78	
7:00 PM	11673	117		23	2' 9"	0' 5"		21	2289.78	Transf 30 BFW f/ Rtl Tk to MT
8:00 PM	11690								2289.78	Clean mud tank.
9:00 PM	11723								2289.78	Clean mud tank.
10:00 PM	11754	189			3' 8"				2289.78	Fill MT after cleaning.
11:00 PM	11785	171		18	3' 1"	0' 4"		16.8	2308.58	
12:00 M	11818	150		21	2' 8"	0' 4"		16.8	2323.38	
1:00 AM	11849	116		34	2' 0"	0' 8"		33.6	2368.98	
2:00 AM	11878	190		18	3' 8"	0' 4"		16.8	2373.78	Transf 93 BFW f/ Rtl Tk to MT
3:00 AM	11904	157		33	3' 0"	0' 6"		33.6	2407.38	
4:00 AM	11923	136		21	2' 7"	0' 5"		21	2428.38	
5:00 AM	11936	192		31	3' 9"	0' 6"		25.3	2453.68	Transf 87 BFW f/ Rtl Tk to MT
6:00 AM	11956	175		17	3' 4"	0' 5"		21	2474.68	
7:00 AM	11980	148		28	2' 10"	0' 6"		25.3	2499.98	
TOTALS			410					405.6		Hole loss f/ day = 405.8 bbls
										Total fid loss = 2499.98 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/17/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	11880	143			2' 10"				2489.98	
8:00 AM	12017	133		16	2' 6"	0' 4"		16.8	2516.78	
9:00 AM	12035	117		16	2' 2"	0' 4"		16.8	2533.58	
10:00 AM	12040	179		18	3' 4"	0' 4"		16.8	2550.38	Transf 78 BFW f/ Rtd Tk to MT
11:00 AM	12040	160		19	3' 0"	0' 4"		16.8	2567.18	Pump 20 bbl HEC sweep
12:00 N									2567.18	Lay down 36 Jts AOH DP
1:00 PM									2567.18	Trip f/ bit and BHA.
2:00 PM									2567.18	
3:00 PM									2567.18	
4:00 PM									2567.18	
5:00 PM									2567.18	
6:00 PM									2567.18	
7:00 PM									2567.18	
8:00 PM									2567.18	
9:00 PM									2567.18	
10:00 PM									2567.18	
11:00 PM									2567.18	
12:00 M									2567.18	
1:00 AM									2567.18	
2:00 AM									2567.18	
3:00 AM									2567.18	
4:00 AM									2567.18	
5:00 AM									2567.18	
6:00 AM									2567.18	
7:00 AM									2567.18	Trip f/ bit and BHA.
TOTALS			69				67.2		Hole loss f/ day = 67.2 bbls	
									Total fid loss = 2567.18 bbls	

WELL - BASIC GAME & FISH 34-3H

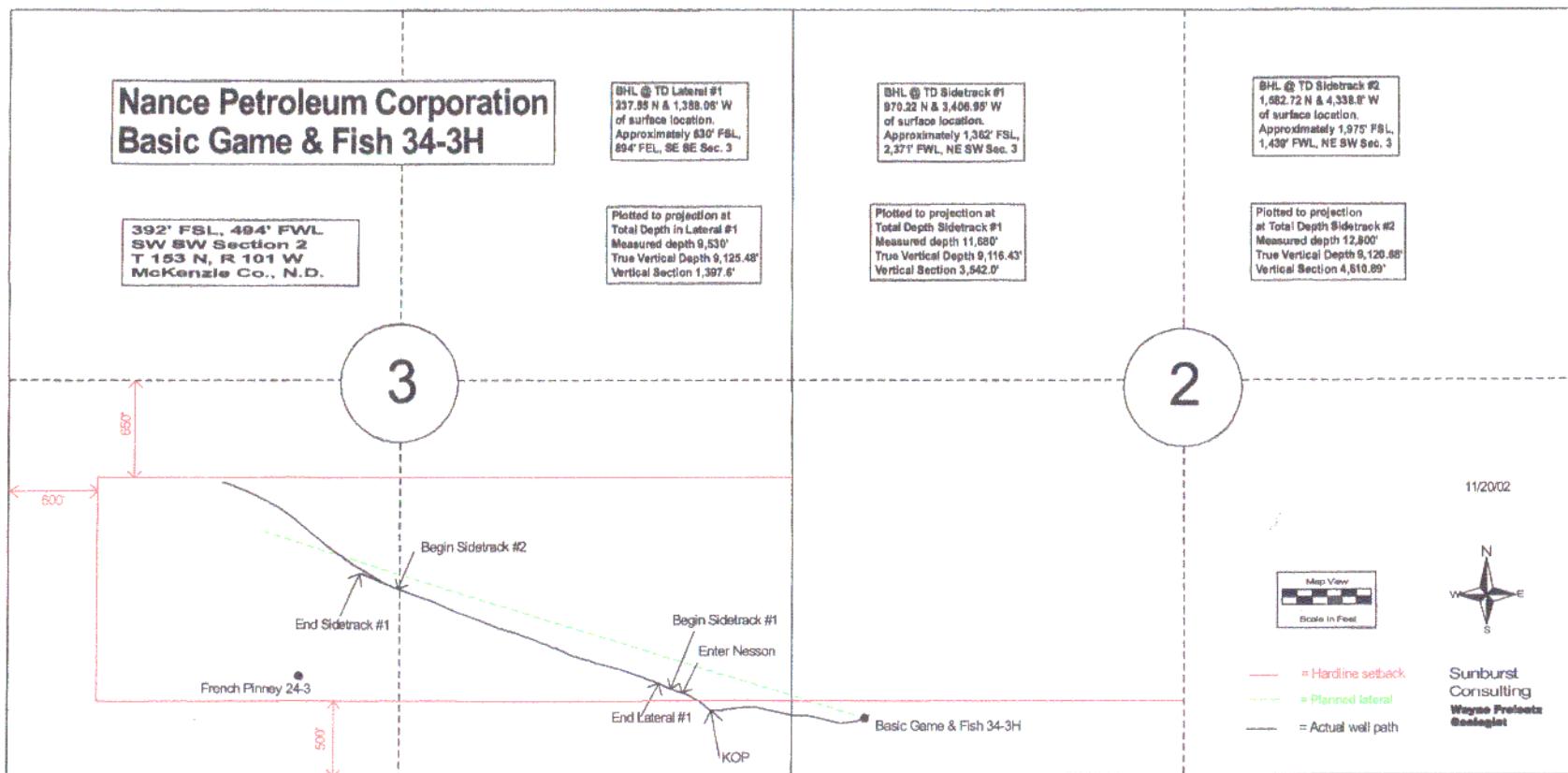
GAIN - LOSS REPORT

DATE - 11/18/2003

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	12040	198			4' 0"				2567.18	
8:00 AM	12040	198			4' 0"			266.27	2823.46	Lost on trip.
9:00 AM	12040	177		21	3' 6"	0' 8"		25.3	2848.75	
10:00 AM	12056	140		37	2' 9"	0' 9"		37.8	2886.56	
11:00 AM	12071	104		34	2' 1"	0' 8"		33.6	2920.15	Pump 30 bbl HEC sweep
12:00 PM	12097	143		21	2' 10"	0' 5"		21	2941.15	Transf 30 BFW f/ Rtl Tk to MT
1:00 PM	12111	135		8	2' 8"	0' 2"		8.4	2949.56	
2:00 PM	12142	148		8	3' 0"	0' 2"		8.4	2957.95	Pump 30 bbl HEC sweep
3:00 PM	12154	119		29	2' 5"	0' 7"		29.4	2987.35	
4:00 PM	12166	152		25	3' 1"	0' 6"		25.3	3012.65	Transf 58 BFW f/ Rtl Tk to MT
5:00 PM	12178	173		29	2' 6"	0' 7"		29.4	3042.05	
6:00 PM	12190	196		25	3' 10"	0' 6"		25.3	3067.35	Transf 50 BFW f/ Rtl Tk to MT
7:00 PM	12204	181		15	3' 6"	0' 4"		16.8	3084.15	
8:00 PM	12205	152		29	2' 11"	0' 7"		29.4	3113.55	
9:00 PM	12217	196		6	3' 3"	0' 2"		8.4	3121.95	Transf 48 BFW f/ Rtl Tk to MT
10:00 PM	12229	179		17	3' 0"	0' 3"		12.8	3134.55	
11:00 PM	12239	161		28	2' 5"	0' 7"		29.4	3163.95	
12:00 M	12254	194		8	3' 4"	0' 2"		8.4	3172.35	Transf 55 BFW f/ Rtl Tk to MT
1:00 AM	12258	170		24	2' 11"	0' 6"		21	3183.35	
2:00 AM	12261	154		16	2' 7"	0' 4"		16.8	3210.15	
3:00 AM	12266	130		24	2' 1"	0' 6"		25.3	3235.45	
4:00 AM	12268	182		21	3' 2"	0' 5"		21	3258.45	Transf 73 BFW f/ Rtl Tk to MT
5:00 AM	12279	174		8	3' 0"	0' 2"		8.4	3264.85	Pump 10 bbl HEC sweep
6:00 AM	12289	162		12	2' 9"	0' 3"		12.8	3277.45	
7:00 AM	12295	146		16	2' 5"	0' 4"		16.8	3294.25	
TOTALS			461					727.07		Hole loss f/ day = 727.07 bbls
										Total fid loss = 3294.25 bbls

WELL - BASIC GAME & FISH 34-3H			GAIN - LOSS REPORT					DATE - 11/19/2002		
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	12295	146			2' 5"				3294.25	Pump 20 bbl HEC sweep
8:00 AM	12313	184		8	3' 8"	0" 6"		25.3	3319.55	Transf 48 BFW f/ Rtl Tk to MT
9:00 AM	12327	181		13	3' 5"	0' 3"		12.6	3332.15	
10:00 AM	12332	183		18	3' 1"	0' 4"		16.8	3348.95	Pump 20 bbl HEC sweep
11:00 AM	12354	167		28	4' 0"	0' 6"		25.3	3374.25	
12:00 N	12378	121		36	3' 4"	0' 8"		33.6	3407.85	
1:00 PM	12395	186		16	4' 0"	0' 4"		16.8	3424.65	Transf 48 BFW f/ Rtl Tk to MT
2:00 PM	12414	162		23	3' 7"	0' 5"		21	3445.65	Pump 20 bbl HEC sweep
3:00 PM	12426	146		16	3' 3"	0' 4"		18.8	3462.45	
4:00 PM	12450	184		21	4' 1"	0' 5"		21	3483.45	Transf 38 BFW f/ Rtl Tk to MT
5:00 PM	12467	162		32	3' 5"	0' 8"		33.6	3517.05	
6:00 PM	12490	127		35	2' 9"	0' 8"		33.6	3550.65	
7:00 PM	12492	196		19	4' 1"	0' 4"		16.8	3587.45	Transf 50 BFW f/ Rtl Tk to MT
8:00 PM	12502	182		14	3' 9"	0' 4"		16.8	3584.25	Pump 20 bbl HEC sweep
9:00 PM	12512	164		18	3' 4"	0' 5		21	3605.25	
10:00 PM	12518	134		30	2' 8"	0' 8"		33.6	3638.85	
11:00 PM	12522	194		11	4' 1"	0' 2"		8.4	3647.25	
12:00 M	12537								3647.25	Make 18 jt short trip
1:00 AM	12537								3647.25	Make 18 jt short trip
2:00 AM	12537	190		4	4' 0"	0' 1"		4.2	3651.45	
3:00 AM	12559	181		19	3' 10"	0' 4"		16.8	3668.25	Pump 30 bbl HEC sweep
4:00 AM	12575	181		33	3' 2"	0' 8"		33.2	3701.45	
5:00 AM	12599	177		28	3' 8"	0' 6"		25.3	3728.75	Transf 58 BFW f/ Rtl Tk to MT
6:00 AM	12622	160		17	3' 4"	0' 4"		16.8	3743.55	Pump 20 bbl HEC sweep
7:00 AM	12648	144		16	3' 0"	0' 4"		16.8	3760.35	
TOTALS				453				466.1		Hole loss f/ day = 466.1 bbls
										Total fld loss = 3760.35 bbls

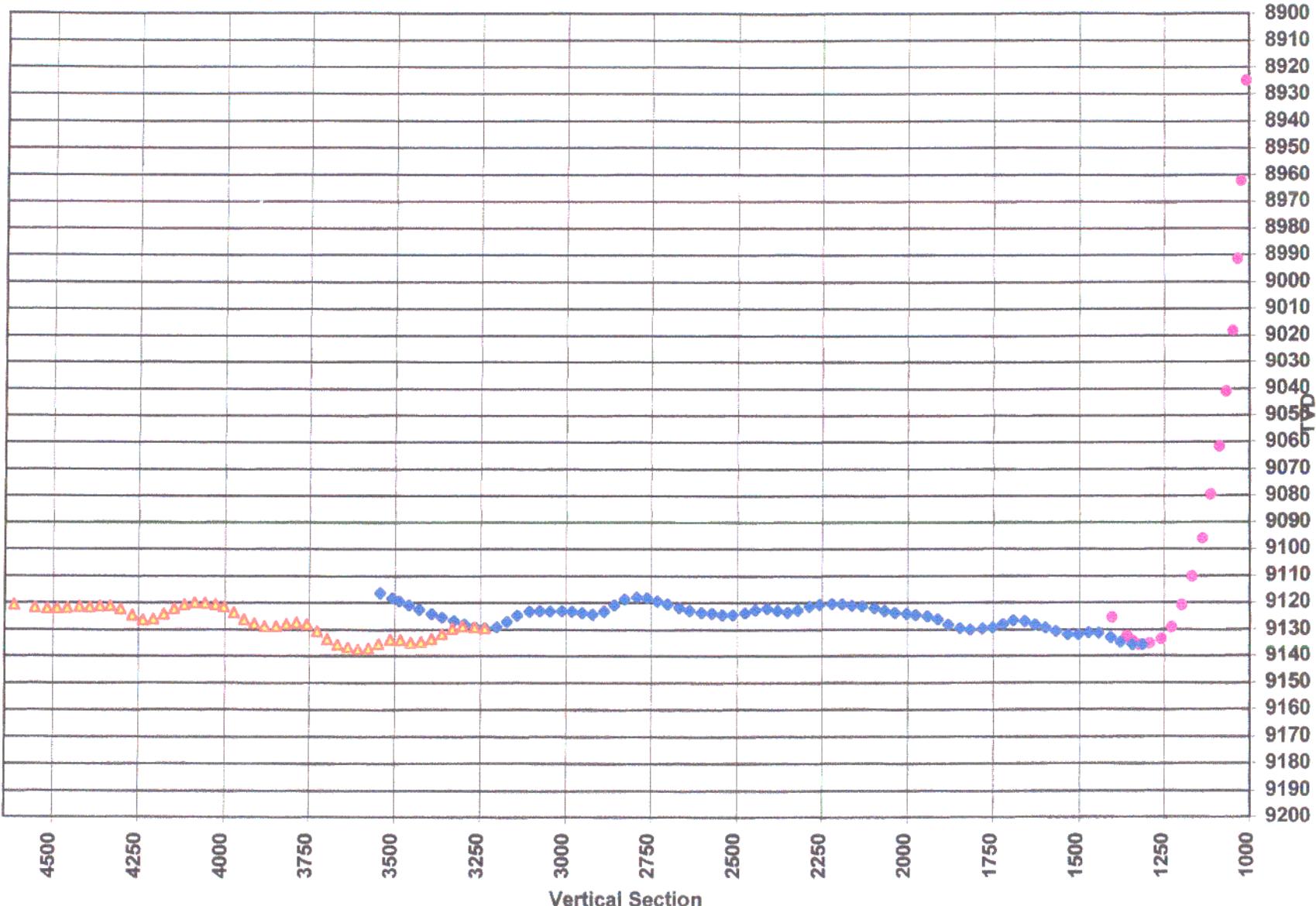
WELL - BASIC GAME & FISH 34-3H		GAIN - LOSS REPORT							DATE - 11/20/2002	
TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBL GAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	12648	144			3' 0"				3780.35	Pump 20 bbl HEC sweep
8:00 AM	12681	144		20	2' 8"	0' 7"		29.4	3789.75	
9:00 AM	12712	124		20	2' 3"	0' 5"		21	3810.75	
10:00 AM	12743	185		17	3' 6"	0' 4"		16.8	3827.55	Transf 78 BFW f/ Rtl Tk to MT
11:00 AM	12773	146		39	2' 9"	0' 9"		37.8	3866.35	
12:00 N	12800	192		30	3' 8"	0' 7"		29.4	3894.75	Transf 76 BFW f/ Rtl Tk to MT
1:00 PM	12800	185		27	3' 0"	0' 8"		32.8	3927.55	Pump 30 bbl HEC sweep
2:00 PM	12800	168		27	3' 1"	0' 7"		29.4	3956.95	
3:00 PM	12800	140		28	2' 6"	0' 7"		29.4	3986.35	
4:00 PM									3986.35	Short trip to casing window.
5:00 PM									3986.35	Short trip to casing window.
6:00 PM									3986.35	Short trip to casing window.
7:00 PM									3986.35	Short trip to casing window.
8:00 PM									3986.35	Attempt to get in ST #2
9:00 PM									3986.35	Attempt to get in ST #2
10:00 PM									3986.35	Attempt to get in ST #2
11:00 PM									3986.35	Trip
12:00 M									3986.35	Trip
1:00 AM									3986.35	Trip
2:00 AM									3986.35	Trip
3:00 AM									3986.35	Trip
4:00 AM									3986.35	Trip
5:00 AM									3986.35	Trip
6:00 AM									3986.35	Trip
7:00 AM									3986.35	Trip
TOTALS			208					226		Hole loss f/ day = 226 bbls
										Total fld loss = 3986.35 bbls



Nance Basic Game & Fish 34-3H

W

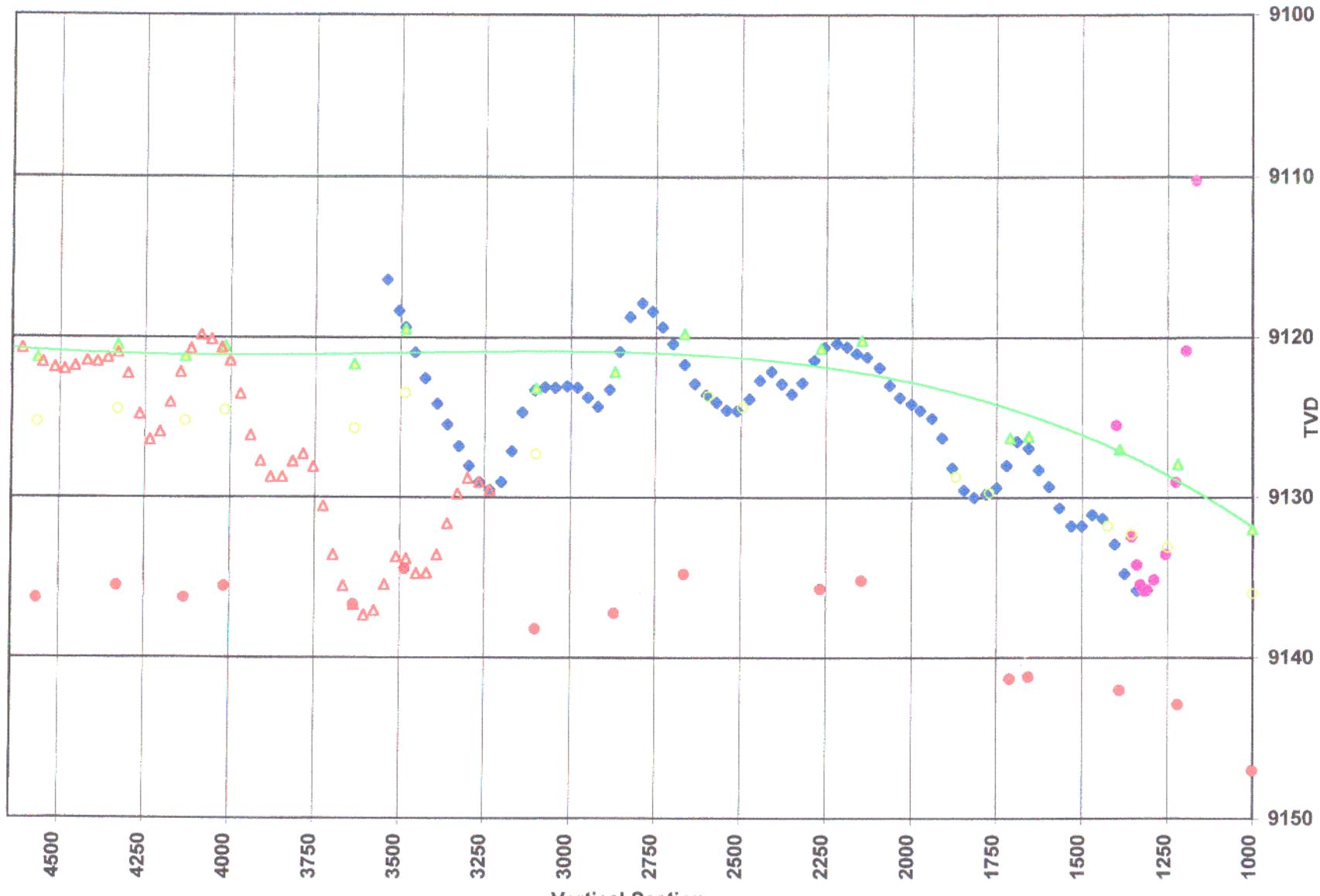
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Nance Basic Game & Fish 34-3H

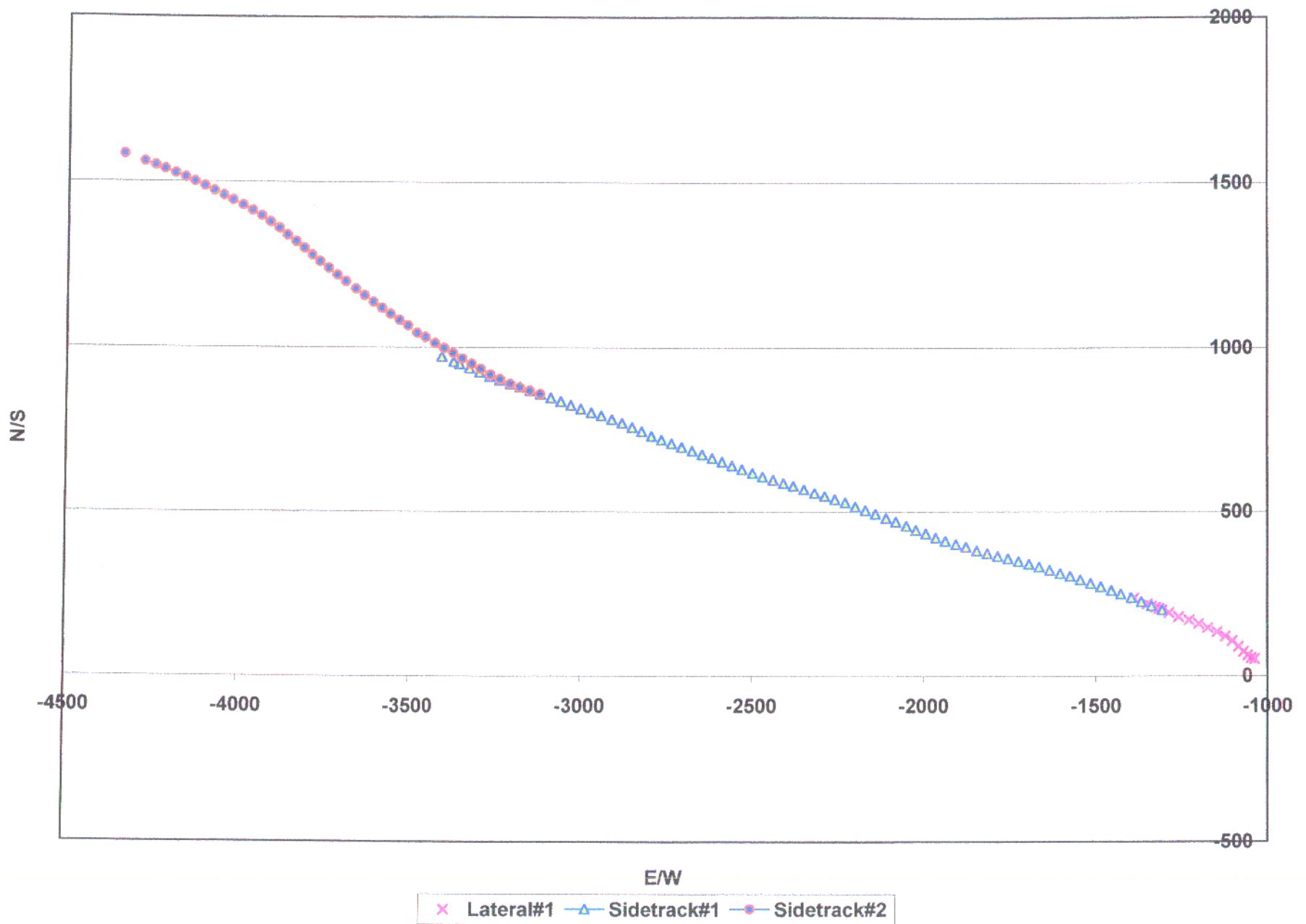
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E



—◆— Sidetrack#1	—●— Lateral#1	—▲— Top Nesson por.	—○— Base top por.	—△— Sidetrack#2
—●— Base por.	—●— Base por.	—●— Poly. (Top Nesson por.)	—●— Poly. (Base top por.)	—●— Poly. (Base por.)

Nance Basic Game & Fish 34-3H



COMPANY : NANCE PETROLEUM
DATE : 04-NOV-0
SERIAL NO: EW0236
LATITUDE : 48.10
WELL NAME: BASIC FISH & GAME 34-3H
LOCATION : MCKENZIE CTY. NORTH DAKOTA
DISTRICT : ROCKY MOUNTAIN
SURVEYOR : JIM GALE
CO. REP. : LES FREDRICKSON
DEPTH REF: RKB
REF ELEV : 22'
CASING ID: 4.5"
RUN GEAR : M,L,E,1.9HF,E
COMMENT 1: BAKER HUGHES INTEQ
COMMENT 2: ORIENT WHIPSTOCK, SURVEY HOLE
COMMENT 3: 100' TO 9031'

-
-

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL

DIRECTION: 279.43

RECORD OF SURVEY

MINIMUM CURVATURE METHOD

COMPANY : NANCE PETROLEUM
DATE : 04-NOV-0
SERIAL NO: EW0236
LATITUDE : 48.10
WELL NAME: BASIC FISH & GAME 34-3H
LOCATION : MCKENZIE CTY. NORTH DAKOTA
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RUN GEAR : M,L,E,1.9HF,E
COMMENT 1: BAKER HUGHES INTEQ
COMMENT 2: ORIENT WHIPSTOCK,SURVEY HOLE
COMMENT 3: 100' TO 9031'

ORIGINAL LATITUDE : 48.1000
CALIBRATIONS BASED ON LATITUDE : 48.1000
CHANGE LATITUDE AND RE-EDIT CALIBRATION DATA? [N/Y]:

STE RUN	STA RUN	MSRD DEPTH	INCL'N [DEG.]	DIR'N [AZM]	HTF [DEG]	GTF [AZM] [QUADRANT]
1	83	9031	13.43	269.59	S 89 35 W -166.47	103.12 S 76 52 E
2	84	9031	13.43	269.32	S 89 19 W -166.44	102.87 S 77 7 E
3	85	9031	13.41	269.85	S 89 51 W -165.86	103.99 S 76 0 E

OPTION:

COMPANY : NANCE PETROLEUM
 DATE : 04-NOV-0
 SERIAL NO: EW0236

COMPUTATION PAGE NO. 1
 TIME DATE
 08:57:09 04-NOV-02

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	TRUE				
			VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT	
0	.00	.00	.00	.00	.00	.00	.00
100	.33	280.19	100.00	.29	.05 N	.28 W	.33
200	.38	208.88	200.00	.69	.19 S	.73 W	.42
300	.60	178.83	299.99	.70	1.00 S	.88 W	.33
400	.34	153.75	399.99	.43	1.79 S	.73 W	.33
500	.15	35.20	499.99	.20	1.95 S	.53 W	.43
600	.39	358.39	599.99	.21	1.50 S	.46 W	.28
700	.38	21.58	699.99	.20	.86 S	.35 W	.16
800	.78	57.94	799.98	-.37	.19 S	.35 E	.52
900	.91	18.30	899.97	-1.01	.93 N	1.18 E	.59
1000	.39	328.47	999.97	-.91	1.97 N	1.25 E	.72
1100	1.01	346.20	1099.96	-.34	3.12 N	.86 E	.65
1200	1.12	308.24	1199.94	.87	4.58 N	.12 W	.70
1300	1.22	308.24	1299.92	2.66	5.84 N	1.72 W	.10
1400	.94	297.27	1399.90	4.37	6.88 N	3.29 W	.35
1500	.85	319.24	1499.89	5.72	7.82 N	4.50 W	.35
1600	.58	253.99	1599.88	6.75	8.24 N	5.47 W	.80
1700	.62	313.36	1699.88	7.65	8.47 N	6.35 W	.60
1800	1.13	263.70	1799.87	9.05	8.73 N	7.73 W	.87
1900	.87	249.42	1899.85	10.66	8.36 N	9.42 W	.36
2000	1.21	247.70	1999.84	12.21	7.69 N	11.10 W	.34
2100	1.45	240.59	2099.81	14.10	6.67 N	13.18 W	.30
2200	1.84	236.30	2199.77	16.26	5.16 N	15.62 W	.40
2300	2.39	235.06	2299.70	18.92	3.07 N	18.67 W	.56
2400	2.64	233.06	2399.60	22.00	.49 N	22.22 W	.26
2500	2.75	226.47	2499.49	25.03	2.54 S	25.80 W	.33
2600	2.29	232.74	2599.40	27.84	5.40 S	29.12 W	.54
2700	1.70	221.51	2699.34	30.00	7.72 S	31.69 W	.70
2800	1.38	211.27	2799.30	31.23	9.86 S	33.30 W	.42
2900	1.29	230.60	2899.27	32.42	11.60 S	34.79 W	.46
3000	1.30	242.98	2999.25	34.07	12.83 S	36.67 W	.28
3100	1.20	246.04	3099.23	35.86	13.77 S	38.63 W	.12
3200	1.14	247.40	3199.20	37.57	14.57 S	40.51 W	.06
3300	1.08	249.32	3299.19	39.23	15.29 S	42.30 W	.07
3400	1.12	253.00	3399.17	40.91	15.90 S	44.11 W	.08
3500	1.17	255.93	3499.15	42.72	16.44 S	46.03 W	.08
3600	1.20	255.36	3599.13	44.61	16.95 S	48.04 W	.04
3700	.96	247.89	3699.11	46.28	17.53 S	49.83 W	.28
3800	.81	252.95	3799.10	47.63	18.05 S	51.29 W	.17

COMPANY : NANCE PETROLEUM
 DATE : 04-NOV-0
 SERIAL NO: EW0236

COMPUTATION PAGE NO. 2
 TIME DATE
 08:57:09 04-NOV-02

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	TRUE VERTICAL VERTICAL R E C T A N G U L A R				DOGLEG SEVERITY DG/100FT
			DEPTH FEET	SECTION FEET	C O O R D I N A T E S FEET		
3900	.90	264.06	3899.09	49.03	18.34 S	52.75 W	.19
4000	.91	274.74	3999.07	50.58	18.36 S	54.32 W	.17
4100	4.25	257.45	4098.96	54.80	19.10 S	58.73 W	3.39
4200	6.93	257.49	4198.47	63.84	21.21 S	68.23 W	2.68
4300	8.40	257.08	4297.58	76.19	24.15 S	81.24 W	1.46
4400	9.38	257.93	4396.38	90.52	27.49 S	96.33 W	1.00
4500	10.13	260.16	4494.93	106.41	30.70 S	112.97 W	.84
4600	10.48	263.11	4593.32	123.44	33.29 S	130.66 W	.63
4700	10.93	267.10	4691.58	141.44	34.86 S	149.17 W	.87
4800	11.40	271.61	4789.68	160.50	35.06 S	168.52 W	.99
4900	11.64	273.07	4887.67	180.32	34.25 S	188.48 W	.38
5000	12.43	280.23	4985.47	201.11	31.79 S	209.15 W	1.69
5100	13.72	290.37	5082.89	223.53	25.75 S	230.86 W	2.62
5200	13.89	292.59	5180.00	246.86	17.01 S	253.06 W	.56
5300	13.17	294.15	5277.23	269.56	7.74 S	274.54 W	.81
5400	13.32	297.15	5374.57	291.56	2.18 N	295.19 W	.70
5500	13.19	293.76	5471.91	313.58	12.03 N	315.88 W	.79
5600	12.76	275.87	5569.39	335.66	17.76 N	337.31 W	4.02
5700	11.54	266.41	5667.16	356.43	18.27 N	358.28 W	2.33
5800	11.42	263.53	5765.16	375.70	16.52 N	378.10 W	.59
5900	11.39	265.59	5863.19	394.81	14.65 N	397.78 W	.41
6000	11.48	269.16	5961.20	414.19	13.74 N	417.58 W	.71
6100	11.84	273.56	6059.14	434.19	14.23 N	437.77 W	.96
6200	11.80	276.10	6157.02	454.59	15.95 N	458.17 W	.52
6300	11.33	276.24	6254.99	474.61	18.11 N	478.10 W	.47
6400	11.15	279.43	6353.08	494.09	20.76 N	497.41 W	.65
6500	10.88	281.78	6451.23	513.18	24.27 N	516.18 W	.52
6600	10.58	280.40	6549.49	531.79	27.85 N	534.45 W	.39
6700	10.83	282.20	6647.75	550.35	31.49 N	552.66 W	.42
6800	11.16	283.35	6745.91	569.39	35.71 N	571.26 W	.39
6900	11.41	283.63	6843.98	588.91	40.28 N	590.28 W	.26
7000	11.02	282.49	6942.07	608.32	44.68 N	609.23 W	.44
7100	11.51	282.54	7040.14	627.82	48.91 N	628.30 W	.49
7200	11.09	284.80	7138.20	647.36	53.54 N	647.34 W	.61
7300	10.02	283.16	7236.51	665.61	57.97 N	665.10 W	1.11
7400	9.45	283.15	7335.07	682.48	61.82 N	681.56 W	.56
7500	9.26	282.88	7433.74	698.71	65.48 N	697.40 W	.20
7600	9.18	282.31	7532.45	714.71	68.98 N	713.04 W	.12
7700	9.42	279.32	7631.13	730.85	72.00 N	728.90 W	.54

COMPANY : NANCE PETROLEUM
DATE : 04-NOV-0
SERIAL NO: EW0236

COMPUTATION PAGE NO. 3
TIME DATE
08:57:09 04-NOV-02

MEASURED DEPTH FEET	DRIFT ANGLE DEG	DRIFT DIRECTION DEG	TRUE VERTICAL VERTICAL R E C T A N G U L A R DOGLEG				SEVERITY DG/100FT
			DEPTH FEET	SECTION FEET	C O O R D I N A T E S FEET		
7800	9.91	273.53	7729.72	747.59	73.86 N	745.56 W	1.09
7900	10.40	269.55	7828.15	765.04	74.32 N	763.18 W	.86
8000	10.84	268.38	7926.44	783.17	73.98 N	781.61 W	.49
8100	12.05	265.35	8024.45	802.53	72.87 N	801.42 W	1.35
8200	13.04	263.15	8122.06	823.48	70.68 N	823.02 W	1.09
8300	14.33	263.18	8219.22	846.19	67.86 N	846.51 W	1.29
8400	15.31	262.62	8315.89	870.70	64.70 N	871.89 W	.99
8500	16.37	262.98	8412.10	896.85	61.28 N	898.96 W	1.06
8600	15.83	264.29	8508.18	923.53	58.20 N	926.51 W	.65
8700	15.50	265.35	8604.46	949.65	55.76 N	953.40 W	.43
8800	14.90	266.95	8700.97	975.16	53.99 N	979.55 W	.73
8900	14.52	267.20	8797.69	999.97	52.69 N	1004.92 W	.38
9000	13.34	267.23	8894.74	1023.51	51.52 N	1028.97 W	1.18
9031	13.38	268.90	8924.90	1030.53	51.28 N	1036.13 W	1.24

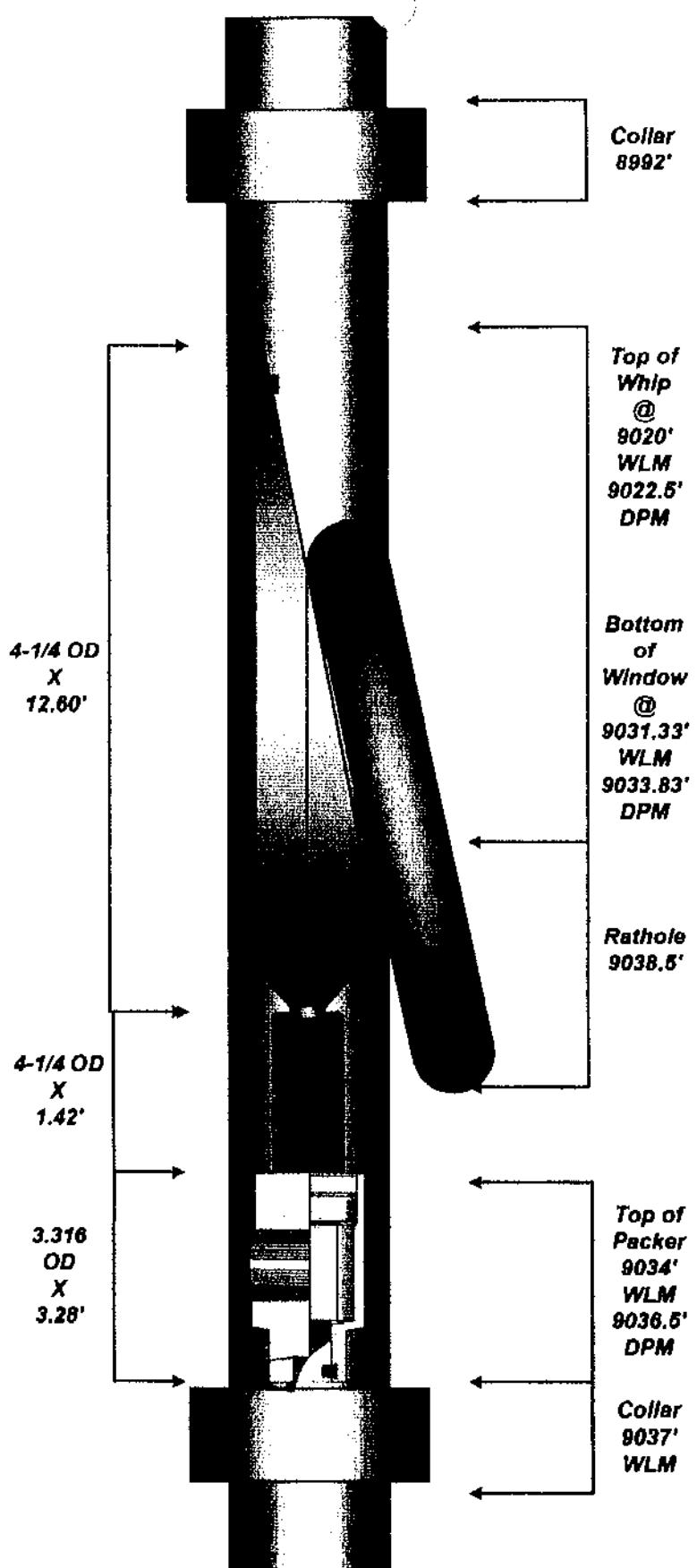
FINAL CLOSURE - DIRECTION: 272.83
DISTANCE: 1037.40 FEET
FILE NUMBER: 021



Baker Oil Tools

Nance Petroleum Corp
Basic Game & Fish 34-4H
November 4, 2002
Les Fredrickson

Whipstock Face set 290 AZ





Company: NANCE PETROLEUM

Field: McKinzie Co.

Cty/Blk/Par: McKinzie Co.

INTEQ

Well Name: Basic Fish & Game

Rig: J & R #7

Job Number: 362010 Calculation Method: Minimum Curvature
 Magnetic Decl.: 10.20 Proposed Azimuth: 286.8
 Grid Corr.: Depth Reference: RKB
 Total Survey Corr.: 10.20 Tie Into GYRO SURVEY
 Target Info: 9124 TVD 1181'N 3921'W @ 90degrees

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Remarks
								N/S (ft)	E/W (ft)				
0	TIE	9031	13.38	268.90		8924.90	1006.93	51.27	N	1036.17	W		TIE IN
1	MWD	9070	20.90	299.50	39	8962.21	1018.06	54.62	N	1046.77	W	29.50	19.3 78.5
2	MWD	9102	27.90	311.80	32	8991.36	1030.43	62.44	N	1057.34	W	26.93	21.9 38.4
3	MWD	9134	37.70	317.10	32	9018.23	1045.70	74.63	N	1069.62	W	31.89	30.6 16.6 new target 9130 tvd
4	MWD	9165	48.00	313.60	31	9040.93	1064.21	89.56	N	1084.45	W	34.09	33.2 -11.3
5	MWD	9197	51.80	310.40	32	9061.54	1086.35	105.91	N	1102.65	W	14.12	11.9 -10.0
6	MWD	9228	57.10	300.60	31	9079.58	1110.20	120.47	N	1123.17	W	30.86	17.1 -31.6
7	MWD	9260	60.60	298.80	32	9096.14	1136.89	134.02	N	1146.96	W	11.95	10.9 -5.6
8	MWD	9292	67.10	294.30	32	9110.24	1165.17	146.82	N	1172.65	W	23.91	20.3 -14.1
9	MWD	9323	72.90	294.60	31	9120.84	1194.03	158.88	N	1199.15	W	18.73	18.7 1.0
10	MWD	9355	77.40	288.60	32	9129.04	1224.83	170.24	N	1227.90	W	22.93	14.1 -18.8
11	MWD	9387	86.30	289.70	32	9133.57	1256.44	180.62	N	1257.79	W	28.02	27.8 3.4 new target 9129 tvd
12	MWD	9418	87.90	293.60	31	9135.14	1287.28	192.04	N	1286.56	W	13.58	5.2 12.6
13	MWD	9440	88.90	292.80	22	9135.76	1309.14	200.71	N	1306.77	W	5.82	4.5 -3.6
14	MWD	9450	90.40	293.90	10	9135.82	1319.07	204.67	N	1315.95	W	18.60	15.0 11.0
15	MWD	9460	94.00	295.00	10	9135.43	1328.97	208.81	N	1325.04	W	37.64	36.0 11.0
16	MWD	9473	96.90	295.00	13	9134.20	1341.78	214.27	N	1336.77	W	22.31	22.3 0.0
17	MWD	9486	98.30	294.60	13	9132.48	1354.54	219.68	N	1348.47	W	11.19	10.8 -3.1 LAST SURVEY
18	PROJ	9530	100.00	294.00	44	9125.48	1397.60	237.55	N	1388.06	W	4.09	3.9 -1.4 projected @ bit
19	MWD												
20	MWD												



Company: NANCE PETROLEUM
 Field: McKinzie Co.
 Cty/Blk/Par: McKinzie Co.
 Well Name: Basic Fish & Game
 Rig: J & R #7

Job Number: 382010 Calculation Method Minimum Curvature
 Magnetic Decl.: 10.20 Proposed Azimuth 288.8
 Grid Corr.: Depth Reference RKB
 Total Survey Corr.: 10.20 Tie Into GYRO SURVEY
 Target Info: 9124 TVD 1181'N 3921'W @ 90degrees

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	DLS (°/100')	Bld Rate ('/100')	Wlk Rate ('/100')	Remarks
0	TIE	9031	13.38	268.90		8924.90	1006.93	51.27 N	1036.17 W				TIE IN
1	MWD	9070	20.90	299.50	39	8962.21	1018.06	54.62 N	1046.77 W	29.50	19.3	78.5	
2	MWD	9102	27.90	311.80	32	8991.36	1030.43	62.44 N	1057.34 W	26.93	21.9	38.4	
3	MWD	9134	37.70	317.10	32	9018.23	1045.70	74.63 N	1069.62 W	31.89	30.6	16.6	new target 9130 tvd
4	MWD	9165	48.00	313.60	31	9040.93	1064.21	89.56 N	1084.45 W	34.09	33.2	-11.3	
5	MWD	9197	51.80	310.40	32	9061.54	1086.35	105.91 N	1102.65 W	14.12	11.9	-10.0	
6	MWD	9228	57.10	300.60	31	9079.58	1110.20	120.47 N	1123.17 W	30.86	17.1	-31.6	
7	MWD	9260	60.60	298.80	32	9096.14	1136.89	134.02 N	1146.96 W	11.95	10.9	-5.6	
8	MWD	9292	67.10	294.30	32	9110.24	1165.17	146.82 N	1172.65 W	23.91	20.3	-14.1	
9	MWD	9323	72.90	294.60	31	9120.84	1194.03	158.88 N	1199.15 W	18.73	18.7	1.0	
10	MWD	9355	77.40	288.60	32	9129.04	1224.83	170.24 N	1227.90 W	22.93	14.1	-18.8	
11	MWD	9387	86.30	289.70	32	9133.57	1256.44	180.62 N	1257.79 W	28.02	27.8	3.4	new target 9129 tvd
12	MWD	9418	87.90	293.60	31	9135.14	1287.28	192.04 N	1286.56 W	13.58	5.2	12.6	
13	MWD	9440	88.90	292.80	22	9135.76	1309.14	200.71 N	1306.77 W	5.82	4.5	-3.6	
14	MWD	9473	91.00	293.90	33	9135.79	1341.92	213.79 N	1337.06 W	7.18	6.4	3.3	ST @ 9465' TF @ 145L
15	MWD	9505	92.70	292.80	32	9134.75	1373.69	226.46 N	1366.43 W	6.33	5.3	-3.4	
16	MWD	9537	93.80	292.10	32	9132.94	1405.48	238.66 N	1395.95 W	4.07	3.4	-2.2	new target 9130-9132
17	MWD	9569	92.00	290.70	32	9131.32	1437.33	250.32 N	1425.71 W	7.12	-5.6	-4.4	
18	MWD	9600	88.80	290.00	31	9131.10	1468.26	261.10 N	1454.77 W	10.57	-10.3	-2.3	
19	MWD	9632	88.70	289.70	32	9131.80	1500.21	271.96 N	1484.86 W	0.99	-0.3	-0.9	
20	MWD	9663	91.30	290.40	31	9131.80	1531.15	282.59 N	1513.98 W	8.69	8.4	2.3	
21	MWD	9695	92.80	289.70	32	9130.66	1563.08	293.55 N	1544.02 W	5.17	4.7	-2.2	
22	MWD	9726	92.20	289.00	31	9129.30	1594.02	303.82 N	1573.24 W	2.97	-1.9	-2.3	
23	MWD	9756	91.80	287.90	30	9128.26	1623.99	313.30 N	1601.68 W	3.90	-1.3	-3.7	
24	MWD	9788	93.00	286.50	32	9126.92	1655.96	322.76 N	1632.22 W	5.76	3.8	-4.4	
25	MWD	9820	88.50	286.50	32	9126.50	1687.95	331.84 N	1662.89 W	14.06	-14.1	0.0	



Company: NANCE PETROLEUM
 Field: McKinzie Co.
 Cty/Blk/Par: McKinzie Co.
 Well Name: Basic Fish & Game
 Rig: J & R #7

JOB Number: 382010 Calculation Method: Minimum Curvature
 Magnetic Decl.: 10.20 Proposed Azimuth: 286.8
 Grid Corr.: Depth Reference: RKB
 Total Survey Corr.: 10.20 Tie Into GYRO SURVEY
 Target Info: 9124 TVD 1181'N 3921'W @ 90degrees

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Remarks
26	MWD	9851	86.00	285.50	31	9127.99	1718.90	340.38	N 1692.65 W	8.68	-8.1	-3.2	
27	MWD	9883	89.00	285.10	32	9129.38	1750.86	348.81	N 1723.49 W	9.46	9.4	-1.2	
28	MWD	9915	89.60	284.40	32	9129.77	1782.84	356.96	N 1754.43 W	2.88	1.9	-2.2	
29	MWD	9946	89.60	283.70	31	9129.99	1813.80	364.49	N 1784.50 W	2.26	0.0	-2.3	
30	MWD	9978	92.00	285.50	32	9129.54	1845.77	372.55	N 1815.46 W	9.37	7.5	5.6	
31	MWD	10010	93.00	288.60	32	9128.15	1877.74	381.92	N 1846.02 W	10.17	3.1	9.7	
32	MWD	10042	93.70	287.90	32	9126.28	1909.67	391.93	N 1876.36 W	3.09	2.2	-2.2	
33	MWD	10073	90.80	286.90	31	9125.06	1940.64	401.19	N 1905.91 W	9.89	-9.4	-3.2	
34	MWD	10105	90.90	289.30	32	9124.58	1972.63	411.13	N 1936.33 W	7.51	0.3	7.5	
35	MWD	10134	90.70	290.00	29	9124.18	2001.59	420.88	N 1963.63 W	2.51	-0.7	2.4	
36	MWD	10166	90.70	292.50	32	9123.79	2033.48	432.47	N 1993.45 W	7.81	0.0	7.8	
37	MWD	10198	92.10	292.80	32	9123.01	2065.30	444.79	N 2022.98 W	4.47	4.4	0.9	
38	MWD	10229	92.00	293.60	31	9121.90	2096.09	457.00	N 2051.45 W	2.60	-0.3	2.6	
39	MWD	10261	90.30	292.10	32	9121.25	2127.90	469.42	N 2080.93 W	7.08	-5.3	-4.7	
40	MWD	10292	90.60	291.10	31	9121.01	2158.79	480.83	N 2109.75 W	3.37	1.0	-3.2	
41	MWD	10324	90.90	291.40	32	9120.59	2190.69	492.43	N 2139.58 W	1.33	0.9	0.9	
42	MWD	10356	89.90	292.10	32	9120.37	2222.56	504.29	N 2169.30 W	3.81	-3.1	2.2	
43	MWD	10387	89.20	292.10	31	9120.61	2253.43	515.95	N 2198.02 W	2.26	-2.3	0.0	
44	MWD	10419	87.80	290.00	32	9121.45	2285.33	527.44	N 2227.87 W	7.89	-4.4	-6.6	
45	MWD	10451	87.20	288.30	32	9122.85	2317.27	537.93	N 2256.07 W	5.63	-1.9	-5.3	
46	MWD	10482	90.20	287.90	31	9123.55	2348.25	547.55	N 2287.52 W	9.76	9.7	-1.3	
47	MWD	10514	92.10	289.70	32	9122.91	2380.22	557.86	N 2317.81 W	8.18	5.9	5.6	
48	MWD	10546	90.60	290.00	32	9122.15	2412.16	568.72	N 2347.90 W	4.78	-4.7	0.9	
49	MWD	10578	87.40	287.20	32	9122.71	2444.13	578.93	N 2378.21 W	13.29	-10.0	-8.8	
50	MWD	10609	88.30	286.90	31	9123.87	2475.11	588.01	N 2407.83 W	3.06	2.9	-1.0	



Company: NANCE PETROLEUM

Field: McKinzie Co.

Cty/Blk/Par: McKinzie Co.

Well Name: Basic Fish & Game

Rig: J & R #7

Job Number: 38201U

Calculation Method

Minimum Curvature

10.20

Proposed Azimuth 286.8

Magnetic Decl.: Grid Corr.

Depth Reference RKB

Total Survey Corr.: 10.20

Tie Into GYRO SURVEY

Target Info:

9124 TVD 1181'N 3921'W @ 90degrees

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Remarks
51	MWD	10641	89.10	288.60	32	9124.60	2507.09	597.76	N 2438.30 W	5.87	2.5	5.3	
52	MWD	10673	91.00	289.00	32	9124.57	2539.07	608.08	N 2468.59 W	6.07	5.9	1.2	
53	MWD	10705	90.80	291.10	32	9124.07	2571.01	619.04	N 2498.64 W	6.59	-0.6	6.6	
54	MWD	10737	90.80	290.00	32	9123.62	2602.94	630.28	N 2528.60 W	3.44	0.0	-3.4	
55	MWD	10769	91.70	291.10	32	9122.93	2634.86	641.51	N 2558.56 W	4.44	2.8	3.4	
56	MWD	10800	92.70	290.70	31	9121.74	2665.76	652.56	N 2587.50 W	3.47	3.2	-1.3	
57	MWD	10832	92.00	290.70	32	9120.42	2697.65	663.86	N 2617.41 W	2.19	-2.2	0.0	
58	MWD	10863	91.80	290.40	31	9119.40	2728.57	674.73	N 2646.42 W	1.16	-0.6	-1.0	
59	MWD	10894	91.70	290.40	31	9118.45	2759.49	685.53	N 2675.46 W	0.32	-0.3	0.0	
60	MWD	10926	90.40	289.70	32	9117.86	2791.43	696.50	N 2705.52 W	4.61	-4.1	-2.2	
61	MWD	10958	86.50	291.40	32	9118.73	2823.34	707.73	N 2735.46 W	13.29	-12.2	5.3	
62	MWD	10989	85.50	292.10	31	9120.89	2854.15	719.19	N 2764.18 W	3.93	-3.2	2.3	
63	MWD	11021	85.90	291.80	32	9123.29	2885.93	731.12	N 2793.78 W	1.56	1.3	-0.9	
64	MWD	11053	90.30	295.00	32	9124.35	2917.69	743.81	N 2823.12 W	17.00	13.8	10.0	
65	MWD	11084	91.80	294.60	31	9123.78	2948.38	756.81	N 2851.26 W	5.01	4.8	-1.3	
66	MWD	11116	90.40	292.50	32	9123.17	2980.14	769.60	N 2880.58 W	7.89	-4.4	-6.6	
67	MWD	11148	90.00	290.00	32	9123.06	3012.04	781.19	N 2910.41 W	7.91	-1.3	-7.8	
68	MWD	11180	89.60	287.60	32	9123.17	3044.02	791.50	N 2940.70 W	7.60	-1.3	-7.5	
69	MWD	11211	90.50	289.30	31	9123.14	3075.00	801.31	N 2970.10 W	6.20	2.9	5.5	
70	MWD	11243	88.90	291.40	32	9123.31	3106.94	812.44	N 3000.10 W	8.25	-5.0	6.6	
71	MWD	11275	86.10	291.80	32	9124.70	3138.79	824.21	N 3029.82 W	8.84	-8.8	1.3	
72	MWD	11306	85.00	290.00	31	9127.11	3169.61	835.23	N 3058.69 W	6.79	-3.5	-5.8	
73	MWD	11338	88.10	290.70	32	9129.04	3201.49	846.34	N 3088.64 W	9.93	9.7	2.2	
74	MWD	11370	90.10	289.00	32	9129.54	3233.44	857.20	N 3118.73 W	8.20	6.3	-5.3	
75	MWD	11402	91.70	289.30	32	9129.04	3265.40	867.70	N 3148.95 W	5.09	5.0	0.9	



Company: NANCE PETROLEUM

Field: McKinzie Co.

Cty/Blk/Par: McKinzie Co.

INTEQ

Well Name: Basic Fish & Game

Rig: J & R #7

Job Number: 382010 Calculation Method Minimum Curvature
 Magnetic Decl.: 10.20 Proposed Azimuth 286.8
 Grid Corr.: Depth Reference RKB
 Total Survey Corr.: 10.20 Tie Into GYRO SURVEY
 Target Info: 9124 TVD 1181'N 3921'W @ 90degrees

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		DLS (°/100')	Bid Rate (°/100')	Wlk Rate (°/100')	Remarks	
76	MWD	11433	92.00	289.30	31	9128.03	3296.36	877.94	N	3178.20	W	0.97	1.0	0.0
77	MWD	11464	92.50	290.00	31	9126.82	3327.29	888.36	N	3207.37	W	2.77	1.6	2.3
78	MWD	11496	92.40	291.10	32	9125.45	3359.19	899.58	N	3237.31	W	3.45	-0.3	3.4
79	MWD	11528	92.20	291.80	32	9124.17	3391.06	911.27	N	3267.06	W	2.27	-0.6	2.2
80	MWD	11560	93.50	292.80	32	9122.57	3422.87	923.40	N	3296.63	W	5.12	4.1	3.1
81	MWD	11591	92.50	293.20	31	9120.95	3453.64	935.50	N	3325.13	W	3.47	-3.2	1.3
82	MWD	11623	93.20	292.50	32	9119.36	3485.42	947.91	N	3354.58	W	3.09	2.2	-2.2
83	MWD	11642	92.90	293.20	19	9118.35	3504.29	955.27	N	3372.07	W	4.00	-1.6	3.7
84	Projec	11680	92.90	293.20	38	9116.43	3542.00	970.22	N	3406.95	W	0.00	0.0	0.0 Projection to bit pull 9-jts for sidetrack
85	MWD													
86	MWD													
87	MWD													
88	MWD													
89	MWD													
90	MWD													
91	MWD													
92	MWD													
93	MWD													
94	MWD													
95	MWD													
96	MWD													
97	MWD													
98	MWD													
99	MWD													
100														



Company: NANCE PETROLEUM

Field: McKinzie Co.

City/Blk/Par: McKinzie Co.

Well Name: Basic Fish & Game

Rig: J & R #7

Job Number:

382010

Calculation Method

Minimum Curvature

Magnetic Decl.:

10.20

Proposed Azimuth 286.8

Grid Corr.:

Depth Reference RKB

Total Survey Corr.:

10.20

Tie Into GYRO SURVEY

Target Info:

SIDETRACK # 2

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Remarks	
76	MWD	11433	89.20	289.70	31	9128.79	3296.38	877.68	N	3178.30	W	8.81	-8.1	3.5 First survey in ST.
77	MWD	11464	87.20	292.50	31	9129.77	3327.27	888.84	N	3207.20	W	11.10	-6.5	9.0
78	MWD	11496	86.10	296.00	32	9131.64	3358.94	901.95	N	3236.32	W	11.45	-3.4	10.9
79	MWD	11528	86.90	299.50	32	9133.59	3390.29	916.82	N	3264.59	W	11.20	2.5	10.9
80	MWD	11560	89.00	300.60	32	9134.73	3421.41	932.84	N	3292.26	W	7.41	6.6	3.4
81	MWD	11591	90.90	301.30	31	9134.76	3451.46	948.78	N	3318.85	W	6.53	6.1	2.3
82	MWD	11623	92.40	301.30	32	9133.84	3482.42	965.40	N	3346.18	W	4.69	4.7	0.0
83	MWD	11654	88.00	300.20	31	9133.73	3512.50	981.24	N	3372.81	W	14.63	-14.2	-3.5
84	MWD	11686	85.90	299.90	32	9135.43	3543.59	997.24	N	3400.47	W	6.63	-6.6	-0.9
85	MWD	11717	88.10	301.60	31	9137.06	3573.63	1013.07	N	3427.07	W	8.96	7.1	5.5
86	MWD	11749	90.90	302.70	32	9137.34	3604.48	1030.10	N	3454.16	W	9.40	8.8	3.4
87	MWD	11780	91.50	304.10	31	9136.69	3634.17	1047.16	N	3480.04	W	4.91	1.9	4.5
88	MWD	11812	92.60	304.10	32	9135.54	3664.70	1065.08	N	3506.52	W	3.44	3.4	0.0
89	MWD	11843	94.60	304.80	31	9133.60	3694.17	1082.59	N	3532.03	W	6.83	6.5	2.3
90	MWD	11875	96.20	304.80	32	9130.58	3724.46	1100.77	N	3558.19	W	5.00	5.0	0.0
91	MWD	11906	93.00	304.80	31	9128.10	3753.84	1118.40	N	3583.56	W	10.32	-10.3	0.0
92	MWD	11938	89.90	306.60	32	9127.29	3784.09	1137.06	N	3609.53	W	11.20	-9.7	5.6
93	MWD	11970	88.40	307.30	32	9127.76	3814.12	1156.30	N	3635.10	W	5.17	-4.7	2.2
94	MWD	12002	88.10	306.90	32	9128.74	3844.11	1175.59	N	3660.61	W	1.56	-0.9	-1.3
95	MWD	12040	91.90	307.60	38	9128.74	3879.70	1198.59	N	3690.86	W	10.17	10.0	1.8 first survey bha # 8
96	MWD	12072	91.80	308.70	32	9127.71	3909.48	1218.34	N	3716.01	W	3.45	-0.3	3.4
97	MWD	12104	93.90	309.00	32	9126.12	3939.09	1238.39	N	3740.90	W	6.63	6.6	0.9
98	MWD	12136	95.30	309.00	32	9123.55	3968.62	1258.46	N	3765.68	W	4.38	4.4	0.0
99	MWD	12167	92.40	310.10	31	9121.47	3997.13	1278.16	N	3789.53	W	10.00	-9.4	3.5
100	MWD	12199	90.50	310.10	32	9120.66	4026.50	1298.76	N	3814.00	W	5.94	-5.9	0.0



Company: NANCE PETROLEUM
Field: McKinzie Co.
Cty/Blk/Par: McKinzie Co.
Well Name: Basic Fish & Game
Rig: J & R #7

Job Number: 382010 Calculation Method Minimum Curvature
Magnetic Decl.: 10.20 Proposed Azimuth 286.8
Grid Corr.: Dapth Reference RKB
Total Survey Corr.: 10.20 Tie Into GYRO SURVEY
Target Info: SIDETRACK # 2

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Remarks	
101	MWD	12230	91.50	309.00	31	9120.12	4055.07	1318.50	N	3837.90	W	4.80	3.2	-3.5
102	MWD	12262	89.40	308.70	32	9119.87	4084.72	1338.57	N	3862.82	W	6.63	-6.6	-0.9
103	MWD	12294	87.60	308.30	32	9120.71	4114.43	1358.48	N	3887.85	W	5.76	-5.6	-1.2
104	MWD	12325	86.80	307.30	31	9122.22	4143.33	1377.46	N	3912.32	W	4.13	-2.6	-3.2
105	MWD	12357	86.50	304.40	32	9124.09	4173.52	1396.17	N	3938.21	W	9.10	-0.9	-9.1
106	MWD	12389	86.90	299.90	32	9125.93	4204.31	1413.16	N	3965.25	W	14.09	1.3	-14.1
107	MWD	12420	91.30	298.10	31	9126.42	4234.59	1428.18	N	3992.35	W	15.33	14.2	-5.8
108	MWD	12453	94.30	297.80	33	9124.81	4266.92	1443.63	N	4021.46	W	9.14	9.1	-0.9
109	MWD	12484	94.90	297.10	31	9122.32	4297.29	1457.87	N	4048.88	W	2.97	1.9	-2.3
110	MWD	12515	90.10	297.10	31	9120.97	4327.75	1471.98	N	4076.44	W	15.48	-15.5	0.0
111	MWD	12547	88.70	296.40	32	9121.30	4359.26	1486.38	N	4105.02	W	4.89	-4.4	-2.2
112	MWD	12579	90.50	295.30	32	9121.53	4390.85	1500.33	N	4133.81	W	6.59	5.6	-3.4
113	MWD	12610	89.70	293.60	31	9121.47	4421.57	1513.16	N	4162.03	W	6.06	-2.6	-5.5
114	MWD	12642	89.10	292.50	32	9121.81	4453.38	1525.69	N	4191.48	W	3.92	-1.9	-3.4
115	MWD	12674	90.10	292.10	32	9122.03	4485.23	1537.83	N	4221.08	W	3.37	3.1	-1.2
116	MWD	12705	90.40	290.70	31	9121.90	4516.13	1549.14	N	4249.94	W	4.62	1.0	-4.5
117	MWD	12737	90.80	290.70	32	9121.56	4548.05	1560.45	N	4279.87	W	1.25	1.2	0.0
118	PROJ	12800	90.80	290.70	63	9120.68	4610.89	1582.72	N	4338.80	W	0.00	0.0	0.0
119	MWD													Projected @ Bit @ T.D.
120	MWD													

BIT RECORD

OPERATOR: Nance Petroleum Corporation
 CONTRACTOR: J & R Well Service Rig #7
 GROUND LEVEL: GL: 1,850'

WELL NAME: Basic Game & Fish 34-3H
 LOCATION: SW SW Section 2, T153N, R101W
 KELLY BUSHING: KB: 1,863'
 RE-ENTRY DATE: 11/02/02
 TD DEPTH/DATE: 12,800', 11/20/02

#	Size	Make	Model	Serial#	Run#	Depth	Dwms	Drc	Rpm	Weight	Cable	Cm	Vc	Cdr	Pwr	Dph	Rate	Mph
1	4.5"	BHI	STX30	5021373	open	9038	9475	437	28	28.0	5-10	55	96	1170	8.4	28		
2	4.5"	BHI	STX30	5E+06	open	9,475'	10856	1451	53	81.0	6-16	70	93	1760	8.4+	28		
3	4.5"	BHI	STX30	5E+06	open	10,856'	12,040'	1474	82.0	163.0	6-30	70	88	1900	8.4	28		
4	4.5"	RTC	SL53AKPF	U67952	open	12,040'	12,800'	760'	43	206.0	8-50	70	91	1760	8.4+	28		

FORMATION TOPS

(original well)

FORMATION / ZONE	Basic Earth Science Systems, Inc. Basic Game & Fish 34-3 sw sw Sec.2 KB: 1872'				John L. Cox French Pinney 24-3 se sw Sec. 3 KB: 1871'		
	E-LOG	TVD	DATUM	THICK	E-Log	DATUM	THICK
	4,354'	4,351'	-2,479'	208'	4346	-2475	204
Greenhorn	4,354'	4,351'	-2,479'	208'	4346	-2475	204
Belle Fourche	4,565'	4,559'	-2687	180'	4550	-2679	187
Mowry	4,748'	4,739'	-2867	151'	4737	-2866	154
Muddy	4,902'	4,890'	-3018	10'	4891	-3020	16
Skull Creek	4,913'	4,900'	-3028	222'	4907	-3036	215
Dakota (Inyan Kara)	5,140'	5,122'	-3250	489'	5122	-3251	495
Swift	5,643'	5,611'	-3739	464'	5617	-3746	468
Rierdon	6,116'	6,075'	-4203	98'	6085	-4214	92
Piper	6,216'	6,173'	-4301	506'	6177	-4306	521
Spearfish	6,732'	6,679'	-4807	400'	6698	-4827	394
Minnekahta	7,140'	7,079'	-5207	20'	7092	-5221	14
Opeche	7,160'	7,099'	-5227	206'	7106	-5235	208
Minnelusa	7,370'	7,305'	-5433	320'	7314	-5443	327
Tyler	7,694'	7,625'	-5753	73'	7641	-5770	77
Otter	7,768'	7,698'	-5826	185'	7718	-5847	194
Kibbey	7,956'	7,883'	-6011	169'	7912	-6041	155
Kibbey lime	8,128'	8,052'	-6180	51'	8,067'	-6,196'	50'
Lower Kibbey	8,180'	8,103'	-6231	93'	8,117'	-6,246'	91'
Charles	8,276'	8,196'	-6324	604'	8,208'	-6,337'	594'
Greenpoint	8,902'	8,800'	-6928	93'	8,802'	-6,931'	104'
Base Last Salt	8,998'	8,893'	-7021	74'	8,906'	-7,035'	74'
Ratcliffe	9,074'	8,967'	-7095	80'	8,980'	-7,109'	78'
Midale	9,156'	9,047'	-7175	76'	9,058'	-7,187'	76'
Mission Canyon	9,235'	9,123'	-7251	-	9,134'	-7,263'	572'
Lodepole	-	-	-	-	9,706'	-7,835'	686'
Bakken	-	-	-	-	10,392'	-8521	61'
Three Forks	-	-	-	-	10,453'	-8582	199'
Nisku	-	-	-	-	10,652'	-8781	94'
Duperow	-	-	-	-	10,746'	-8875	416'
Souris River	-	-	-	-	11,162'	-9291	278'
Dawson Bay	-	-	-	-	11,440'	-9569	106'
Prairie	-	-	-	-	11,546'	-9675	211'
Winnipegosis	-	-	-	-	11,757'	-9886	195'
Ashern	-	-	-	-	11,952'	-10081	101'
Interlake	-	-	-	-	12,053'	-10182	847'
Stonewall	-	-	-	-	12,900'	-11029	100'
Stony Mountain	-	-	-	-	13,000'	-11129	136'
Red River	-	-	-	-	13,136'	-11265	289'
Total depth	9,718'		-7846	-	13,425'	-11554	-

Dip Estimates

Basic G&F 34-3H

Marker	MD	TVD	Subsea	Vsec	TVD diff.	Vsec diff.	Dip	Dipping up/down	Hit Marker Going	Comment
Top of Nesson *	9350.00	9127.90	-7264.90	1220.00	-	-	-	-	down	Lateral #1
Top of Nesson	9521.00	9127.00	-7264.00	1388.80	-0.90	168.80	0.31	up	up	Lateral #1
Top of Nesson *	9785.00	9127.10	-7264.10	1653.00	0.10	264.20	-0.02	flat	up	Sidetrack #1
Top of Nesson *	9840.00	9127.20	-7264.20	1707.90	0.10	54.90	-0.10	down	down	Sidetrack #1
Top of Nesson	10280.00	9121.10	-7258.10	2146.80	-6.10	438.90	0.80	up	up	Sidetrack #1
Top of Nesson	10400.00	9120.70	-7257.70	2266.40	-0.40	119.60	0.19	up	down	Sidetrack #1
Top of Nesson *	10800.00	9121.75	-7258.75	2665.80	1.05	399.40	-0.15	down	up	Sidetrack #1
Top of Nesson *	11006.00	9122.20	-7259.20	2870.90	0.45	205.10	-0.13	down	down	Sidetrack #1
Top of Nesson *	11236.00	9123.20	-7260.20	3099.90	1.00	229.00	-0.25	down	up	Sidetrack #1
Top of Nesson *	11280.00	9125.00	-7262.00	3143.80	1.80	43.90	-2.35	down	down	Sidetrack #1
Top of Nesson *	11620.00	9119.50	-7256.50	3482.40	-5.50	338.60	0.93	up	up	Sidetrack #1
Top of Nesson *	12188.00	9120.60	-7257.60	4016.40	1.10	534.00	-0.12	down	up	Sidetrack #2
Top of Nesson *	12307.00	9121.25	-7258.25	4127.50	0.65	111.10	-0.34	down	down	Sidetrack #2
Top of Nesson	12515.00	9120.50	-7257.50	4327.75	-0.75	200.25	0.21	up	up	Sidetrack #2
Top of Nesson	12755.00	9121.30	-7258.30	4566.10	0.80	238.35	-0.19	down	up	Sidetrack #2
Base of top porosity	9380.00	9133.10	-7270.10	1249.50	-	-	-	-	down	Lateral #1
Base of top porosity	9487.00	9132.30	-7269.30	1355.50	-0.80	106.00	0.43	up	up	Lateral #1
Base of top porosity	9556.00	9131.80	-7268.80	1424.40	-0.50	68.90	0.42	up	up	Sidetrack #1
Base of top porosity	9900.00	9129.70	-7266.70	1767.80	-2.10	343.40	0.35	up	down	Sidetrack #1
Base of top porosity	10000.00	9128.70	-7265.70	1867.70	-1.00	99.90	0.57	up	up	Sidetrack #1
Base of top porosity	10630.00	9124.40	-7261.40	2496.10	-4.30	628.40	0.39	up	down	Sidetrack #1
Base of top porosity	10730.00	9123.70	-7260.70	2596.00	-0.70	99.90	0.40	up	up	Sidetrack #1
Base Nesson *	11710.00	9136.80	-7273.80	3566.80	-	-	-	-	down	Sidetrack #2
Base Nesson *	11778.00	9136.60	-7273.60	3632.30	-0.20	65.50	0.17	up	up	Sidetrack #2

* = GR confirmation

Other markers based on natural deflections & drill rate changes

LITHOLOGY

Note: Rig crews caught 10' lagged samples from 9,038' to 9,430', and 30' lagged samples from 9,430' to 9,530' in lateral #1. Lagged 10' samples were caught from 9,460' to 9,500' in sidetrack #1, and 30' lagged samples from 9,500' to 11,680. Sidetrack #2 was initiated at 11,390', with 30' lagged sampling from 11,390' to 12,800' (TD). Gamma Ray marker tops are inserted in the sample description below for reference. Sample descriptions began in the lower Charles Formation below the "Last Salt". The drilling fluid was fresh water.

9038' - 9040'	Cement with trace of dolomite
9040' - 9050'	<u>Dolomite</u> : light gray, very fine crystalline, anhydritic, moderately hard, mineral fluorescence, no cut, no visible porosity with cement
9050' - 9060'	<u>Anhydrite</u> : off white, light gray, very fine crystalline, dolomitic, moderately hard to soft
9060' - 9070'	<u>Dolomite</u> : light gray brown, light brown, very fine crystalline, anhydritic, moderately hard, mineral fluorescence, no cut, no visible porosity [60%] <u>Anhydrite</u> : off white, light gray, as above [40%]

GR top Ratcliffe 9,078' MD, 8,970' TVD, (-7107')

9070' - 9080'	<u>Limestone</u> : light brown, very fine to microcrystalline, slightly argillaceous, moderately hard, no fluorescence, no cut, no visible open porosity [50%] <u>Dolomite</u> : light gray brown, light brown, as above, slightly argillaceous [30%] <u>Anhydrite</u> : light gray, off white, as above [20%]
9080' - 9090'	no sample
9090' - 9100'	<u>Limestone</u> : light brown, very fine to microcrystalline, as above, trace stylolites [50%] <u>Anhydrite</u> : off white, very fine crystalline, slightly calcareous, moderately hard [50%]
9100' - 9110'	no sample

9110' - 9120'	<u>Limestone</u> :	light to medium brown, tan, very fine crystalline, trace peloidal, occasional spotty black oil stain, anhydritic in part, dull green fluorescence, <u>slow streaming cut in part</u> , poor to very poor intercrystalline & interparticle porosity, surface oil from mud
9120' - 9140'	<u>Limestone</u> :	light to rare medium brown, tan, as above, with surface oil from mud, very fine cuttings size
9140' - 9150'	<u>Limestone</u> :	light brown, tan, very fine crystalline, decreasing visible stain & porosity from above, occasional dull green fluorescence, <u>trace weak cut</u> , trace very poor intercrystalline porosity [70%]
	<u>Anhydrite</u> :	off white, very fine crystalline, calcareous, occasionally mottled with limestone [30%]
9150' - 9160'	<u>Limestone</u> :	light to medium brown, very fine crystalline, slightly argillaceous, moderately hard, occasional chalky & anhydritic, no fluorescence, no cut, no visible open porosity, surface oil from mud
9160' - 9170'	<u>Limestone</u> :	light to occasional medium brown, as above, surface oil from mud
9170' - 9190'	<u>Limestone</u> :	light to medium brown, medium gray brown, very fine crystalline, slightly argillaceous, moderately hard, no fluorescence, no cut, no visible open porosity, surface oil from mud, very fine cuttings size

GR top Midale 9,189' MD, 9,056' TVD, (-7193')

9190' - 9220'	<u>Limestone</u> :	light gray, light to occasional medium brown, very fine crystalline, slightly argillaceous, moderately hard, no fluorescence, no cut, no visible porosity, surface oil from mud, very fine cuttings size
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9220' - 9230'	<u>Limestone</u> :	medium to light gray, medium to light gray brown, very fine crystalline, slightly to moderately argillaceous, trace very fine pyrite, moderately hard, no fluorescence, no cut, no visible open porosity, surface oil from mud, normal cuttings size
9230' - 9240'	<u>Limestone</u> :	light to medium gray, light to medium gray brown, as above, very small cuttings size
9240' - 9270'	<u>Limestone</u> :	light to medium gray, light to medium gray brown, very fine crystalline, slightly to moderately argillaceous, moderately hard, no fluorescence, no cut, no visible open porosity, surface oil from mud, small cuttings size
9270' - 9280'	<u>Limestone</u> :	light to medium gray, light gray brown, as above, slightly argillaceous, occasional anhydritic, normal cuttings size
9280' - 9290'	<u>Limestone</u> :	medium to occasional light gray brown, medium gray, very fine crystalline, slightly argillaceous, moderately hard, occasional anhydritic, no fluorescence, no cut, no visible open porosity, normal cuttings size
9290' - 9320'	<u>Limestone</u> :	medium to light gray brown, medium to light gray, very fine crystalline, slightly argillaceous, moderately hard, occasional anhydritic, no fluorescence, no cut, no visible open porosity, surface oil from mud
9320' - 9330'	<u>Limestone</u> :	medium to light gray, very fine crystalline, moderately hard, occasional argillaceous inclusions, minor white to clear anhydrite crystals, no fluorescence, no cut, no visible open porosity
9330' - 9340'	<u>Limestone</u> :	medium to light gray, very fine crystalline, moderately hard, argillaceous, minor white to clear anhydrite crystals, no fluorescence, no cut, no visible open porosity

9340' - 9350' Limestone: medium to light gray, very fine crystalline, moderately hard, argillaceous, minor white to clear anhydrite crystals, no fluorescence, no cut, no visible open porosity, minor brown gray, platy, locally dolomitic

GR top Mission Canyon (Nesson) 9,350' MD, 9,127.9' TVD, (-7264.9')

9350' - 9360' Limestone: brown gray, medium to light gray, fine crystalline, moderately hard, occasionally fragmental, visible open porosity, minor white to clear anhydrite, locally dolomitic, minor fluorescence, streaming cut

9360' - 9370' Limestone: tan to cream, minor medium to light gray, fine crystalline, moderately hard, commonly fragmental, locally peloidal, minor white to clear anhydrite, locally dolomitic, visible open porosity, minor fluorescence, streaming cut

9370' - 9380' Limestone: tan to cream, fine crystalline, moderately hard, platy, commonly fragmental, locally peloidal, minor white to clear anhydrite, locally dolomitic, visible open porosity, minor fluorescence, streaming cut

9380' - 9390' Limestone: tan to cream, fine crystalline, moderately hard, platy, locally fragmental, locally peloidal, minor white to clear anhydrite, locally dolomitic, minor oil staining, visible open porosity, minor fluorescence, streaming cut

9390' - 9400' Limestone: tan to cream, very fine crystalline, moderately hard, locally fragmental, locally peloidal, minor white to clear anhydrite, local weak oil staining, visible open porosity, minor fluorescence, blooming cut

9400' - 9410' Limestone: tan to cream, moderately hard, very fine crystalline, locally fragmental, locally peloidal, minor white to clear anhydrite, local weak oil staining, visible open porosity, minor fluorescence, blooming cut

9410' - 9420'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, locally fragmental, locally peloidal, minor white anhydrite, local weak oil staining, visible open porosity, minor fluorescence, <u>blooming cut</u>
9420' - 9430'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, locally fragmental, locally peloidal, minor white anhydrite, locally dolomitic, local minor oil staining, visible open porosity, minor fluorescence, <u>blooming cut</u>
9430' - 9450'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, fine fragmental, minor white anhydrite, local minor oil staining, trace very poor interparticle porosity, minor fluorescence, <u>blooming cut</u>

Begin 30' lagged samples

9450' - 9480'	<u>Limestone:</u>	tan, cream, very fine crystalline, fine fragmental & occasional peloidal, moderately hard, yellow fluorescence, <u>streaming cut</u> , very poor interparticle porosity, decreasing anhydrite
9480' - 9510'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental & peloidal texture, yellow fluorescence, yellow fluorescence, <u>streaming cut</u> , very poor interparticle & small pin point vuggy porosity, surface oil from mud
9510' - 9530'	<u>Limestone:</u>	light brown, tan, very fine to occasional microcrystalline, moderately hard, yellow fluorescence, <u>streaming cut</u> , no visible open porosity, surface oil from mud, becoming slightly argillaceous, trace stylolites
9530 + circulation	<u>Limestone:</u>	medium to light gray, medium to light gray brown, very fine crystalline, slightly to moderately argillaceous, moderately hard, no fluorescence, no cut, no visible porosity, surface oil from mud

Back up to sidetrack @ 9,530' MD

9460' - 9470'	<u>Limestone:</u>	tan, cream, very fine crystalline, moderately hard, commonly fragmental, locally peloidal, minor white to clear anhydrite, patchy yellow fluorescence, <u>streaming cut</u> , visible interparticle porosity
9470' - 9480'	<u>Limestone:</u>	tan, cream, very fine crystalline, moderately hard, fragmental, yellow fluorescence in part, <u>slow streaming cut in part</u> , very poor interparticle & small pin point vuggy porosity, trace clear to white anhydrite
9480' - 9490'	<u>Limestone:</u>	tan, cream, very fine crystalline, decreasing fragmental from above, increased anhydritic, yellow fluorescence in part, <u>weak cut</u> , trace very poor interparticle porosity and small pin point vugs, small cuttings size
9490' - 9500'	<u>Limestone:</u>	tan, cream, very fine crystalline, increased fragmental, occasional peloidal, as above, very poor interparticle & small pin point vuggy porosity, normal sized cuttings

Begin 30' samples

9500' - 9560'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental & occasional peloidal, as above, small cuttings size
9560' - 9590'	<u>Limestone:</u>	tan, occasional cream, very fine crystalline, increased fragmental & peloidal, spotty black oil stain in vugs, yellow fluorescence in part, <u>slow streaming cut</u> , very poor intercrystalline & small pin point vuggy porosity
9590' - 9620'	<u>Limestone:</u>	tan, occasional cream, very fine crystalline, fragmental & occasional peloidal, spotty black oil in vugs, yellow fluorescence in part, <u>slow streaming cut in part</u> , very poor interparticle and small pin point vuggy porosity, surface oil from mud

9620' -9680' Limestone: predominately tan, occasional cream, very fine crystalline, abundant fragmental & occasional peloidal texture, black oil stain in vugs, yellow fluorescence in part, slow streaming cut, very poor interparticle & small pin point vugs, surface oil from mud

9680' - 9740' Limestone: tan, occasional cream, very fine crystalline, fragmental & occasional peloidal, black oil stain in vugs, yellow fluorescence in part, slow streaming cut in part, very poor intercrystalline to small pin point vuggy porosity, surface oil stain in vugs

GR top Nesson 9,785' MD, 9,127.1' TVD, (-7264.1')

9740' - 9800' Limestone: predominately tan, rare cream, very fine crystalline, moderately hard, fragmental & occasional peloidal, spotty oil stain in vugs, yellow fluorescence in part, slow streaming cut in part, very poor interparticle & small pin point vuggy porosity, surface oil from mud

9800' - 9830' Limestone: predominately tan, rare cream, very fine crystalline, as above, slight decrease in visible stain, fluorescence & cut from above, surface oil from mud

GR top Nesson 9,840' MD, 9,127.2' TVD, (-7264.2')

9830' - 9860' Limestone: tan, occasionally cream, very fine crystalline, moderately hard, fragmental, minor white to clear anhydrite, locally peloidal, minor spotty oil stains in vugs, patchy fluorescence, visible porosity, slow streaming cut

9860' - 9890' Limestone: tan to cream, very fine crystalline, moderately hard, locally fragmental, locally peloidal, minor white to clear anhydrite, spotty oil stains in vugs, patchy yellow fluorescence, minor visible porosity, slow streaming cut

9890' - 9920'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, locally fragmental, minor peloidal, minor white to clear anhydrite, patchy yellow fluorescence, minor visible porosity, <u>slow weak streaming cut</u>
9920' - 9950'	<u>Limestone:</u>	tan, very fine crystalline, moderately hard, locally fragmental, minor peloidal, common white to clear anhydrite, weak porosity, patchy yellow fluorescence, <u>slow weak streaming cut</u>
9950' - 9980'	<u>Limestone:</u>	tan, very fine crystalline, moderately hard, commonly fragmental, locally peloidal, common white to clear anhydrite, minor visible porosity, patchy yellow fluorescence, <u>slow streaming cut</u> , spotty oil stained vugs
99809' - 10010'	<u>Limestone:</u>	tan, very fine crystalline, moderately hard, locally fragmental, minor peloidal, common white to clear anhydrite, poor porosity, patchy yellow fluorescence, <u>slow streaming cut</u>
10010' - 10040'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, locally fragmental, local minor peloidal, local white to clear anhydrite, minor poor porosity, patchy yellow fluorescence, <u>very slow streaming cut</u>
10040' - 10070'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, commonly fragmental, locally minor peloidal, moderate white to clear anhydrite, poor porosity, patchy yellow fluorescence, <u>slow streaming cut</u>
10070' - 10100'	<u>Limestone:</u>	predominantly tan, very fine crystalline, moderately hard, fragmental, local minor peloidal, moderate white to clear anhydrite, poor porosity, patchy yellow fluorescence, <u>streaming cut</u> , oil in mud
10100' - 10130'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, locally fragmental, local minor peloidal, moderate white to clear anhydrite, poor porosity, patchy yellow fluorescence, <u>streaming cut</u>

10130' - 10160'	<u>Limestone:</u>	tan, cream, very fine crystalline, moderately hard, spotty black oil stain in vugs, occasional white to clear anhydrite/calcite, yellow fluorescence in part, <u>streaming cut</u> , very poor interparticle & small pin point vuggy porosity, surface oil from mud
10160' - 10250'	<u>Limestone:</u>	tan, cream, very fine crystalline, as above, increased surface oil from mud, with occasional white to clear anhydrite/calcite
10250' - 10280'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil in vugs, as above
10280' - 10400'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, white to clear anhydrite/calcite, moderately hard, occasional spotty black oil stain in vugs, yellow fluorescence in part, <u>weak to slow streaming cut</u> , very poor intercrystalline porosity & small pin point vugs
10400' - 10490'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, increased spotty black oil stain in vugs, as above, surface oil from mud

Circulate & short trip @ 10,489' MD

10490' - 10520'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, commonly fragmental, local peloidal, moderate clear crystalline calcite, minor anhydrite, poor porosity, very weak patchy yellow fluorescence, <u>weak streaming cut</u>
10520' - 10550'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, locally fragmental, minor peloidal, moderate clear to white crystalline calcite, minor anhydrite, poor porosity, very weak patchy yellow fluorescence, <u>weak streaming cut</u>
10550' - 10580'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, common fragmental, local peloidal, common crystalline calcite, minor clear to white anhydrite, poor porosity, patchy yellow fluorescence, <u>streaming cut</u>

10580' - 10610'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, common fragmental, minor peloidal, moderate white to clear crystalline calcite, weak porosity , poor patchy yellow fluorescence, <u>weak streaming cut</u>
10610' - 10640'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, common fragmental, minor peloidal, common white to clear crystalline calcite, minor anhydrite, poor porosity ,weak patchy yellow fluorescence, <u>streaming cut</u>
10640' - 10670'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, common fragmental, locally peloidal, common crystalline calcite, minor white anhydrite, poor porosity, weak patchy yellow fluorescence, <u>weak streaming cut</u>
10670' - 10700'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, common fragmental, locally peloidal, common white to clear crystalline calcite, minor white anhydrite,weak porosity, weak patchy yellow fluorescence, <u>slow streaming cut</u>
10700' - 10730'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, local fragmental, minor peloidal, common white to clear crystalline calcite, very minor white anhydrite, poor porosity ,weak patchy yellow fluorescence, <u>weak streaming cut</u>
10730' - 10760'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil stain in vugs, white anhydrite/calcite in part, yellow fluorescence in part, <u>weak to slow streaming cut</u> , very poor interparticle & small pin point vuggy porosity, surface oil from mud

GR top Nesson 10,800' MD, 9,121.8' TVD, (-7258.8')

10760' - 10820'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental & occasional peloidal, moderately hard, black oil stain in vugs, yellow fluorescence in part, <u>slow streaming cut</u> , very poor interparticle & small pin point vuggy porosity, surface oil from mud
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10820' - 10850' Limestone: predominately tan, cream, very fine crystalline, as above, with trace Limestone: medium gray, very fine crystalline, moderately argillaceous, soft to moderately hard, no fluorescence, no cut, no visible porosity, surface oil from mud

Trip for bit @ 10,855' MD

10850' - 10880' Limestone: medium to dark gray, light gray, medium gray brown, very fine crystalline, moderately to slightly argillaceous, moderately hard to soft, no fluorescence, no cut, no visible porosity, surface oil from mud

10880' - 10910' Limestone: medium to dark gray, light gray, medium gray brown, very fine crystalline, as above, with large amounts of Limestone: tan, cream, as above, probably product of polymer sweeps

10910' - 10940 Limestone medium to dark gray, fine to very fine crystalline, moderately hard, argillaceous, light gray to white calcite, local fine pyrite, weak fluorescence, no cut

10940' - 10970' Limestone medium to dark gray, fine to very fine crystalline, moderately hard, argillaceous, clear to opaque white anhydrite, light gray to white calcite, local fine pyrite, weak fluorescence, no cut

10970' - 11000' Limestone medium to dark gray, fine crystalline, moderately hard, argillaceous, light gray to white calcite, clear to opaque white anhydrite, local fine pyrite, weak fluorescence, no cut

GR top Nesson 11,006' MD, 9,122.2' TVD, (-7259.2')

11000' - 11030' Limestone medium to dark gray, very fine crystalline, moderately hard, argillaceous, light gray to white calcite, local weak fine pyrite, weak fluorescence, no cut
very minor tan to light brown limestone

11030' - 11060' Limestone: tan to cream, very fine crystalline, moderately hard, locally fragmental, minor peloidal, common crystalline calcite, white anhydrite, poor porosity, weak fluorescence, streaming cut

11060' - 11090' Limestone: tan to cream, very fine crystalline, moderately hard, common fragmental, minor peloidal, common crystalline calcite, minor clear to white anhydrite, poor porosity, patchy fluorescence, weak streaming cut

11090' - 11120' Limestone: tan to cream, very fine crystalline, moderately hard, locally fragmental, minor peloidal, moderate crystalline calcite, poor porosity, weak fluorescence, streaming cut

GR top Nesson 11,236' MD, 9,123.2' TVD, (-7260.2')

11120' - 11140' Limestone: tan, cream, very fine crystalline, fragmental, occasional peloidal, spotty black oil stain in vugs, yellow fluorescence in part, streaming cut, very poor interparticle & small pin point vuggy porosity, surface oil from mud

GR top Nesson 11,280' MD, 9,125' TVD, (-7262')

11140' - 11160' Limestone: tan, cream, very fine crystalline, as above with traces of Limestone: medium to dark gray, very fine crystalline, moderately argillaceous, soft-moderately hard, no fluorescence, no cut, no visible porosity, surface oil from mud

11160' - 11180' Limestone: tan, cream, very fine crystalline, fragmental, occasional peloidal, black oil in vugs, yellow fluorescence, fast streaming cut, very poor to poor interparticle & small pin point vuggy porosity (increased porosity from above), abundant surface oil from mud

11180' - 11200' Limestone: tan to cream, very fine crystalline, commonly fragmental, minor peloidal, minor crystalline calcite, minor clear to white anhydrite, poor porosity, oil stained vugs, yellow fluorescence, streaming cut, surface oil from mud

11200' - 11220' Limestone: tan to cream, very fine crystalline, commonly fragmental, minor peloidal, minor crystalline calcite, poor porosity, patchy yellow fluorescence, streaming cut, oil stained vugs, surface oil from mud

11450' - 11480'	<u>Limestone:</u>	tan to cream, very fine crystalline, commonly fragmental, minor peloidal, very minor crystalline calcite, poor porosity, weak yellow fluorescence, <u>streaming cut</u> , oil stained vugs, surface oil from mud
11480' - 11510'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, commonly fragmental, minor peloidal, local weak pyrite, poor porosity, weak yellow fluorescence, <u>streaming cut</u> , oil stained vugs, surface oil from mud
11510' - 11540'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, commonly fragmental, minor peloidal, poor porosity, weak yellow fluorescence, <u>streaming cut</u> , oil stained vugs, strong surface oil from mud
11540' - 11570'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, commonly fragmental, minor peloidal, poor porosity, weak yellow fluorescence, <u>streaming cut</u> , strong surface oil from mud
11570' - 11600'	<u>Limestone:</u>	tan to cream, moderately hard, very fine crystalline, commonly fragmental, minor peloidal, poor porosity, weak yellow fluorescence, <u>streaming cut</u> , oil stained vugs, strong surface oil from mud

GR top Nesson 11,620' MD, 9,119.5' TVD, (-7256.5')

11600' 11660'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, occasional peloidal, moderately hard, spotty black oil stain in vugs, yellow fluorescence, <u>streaming cut</u> , very poor interparticle & small pin point vuggy porosity, surface oil from mud
11660' - 11680'	<u>Limestone:</u>	tan, cream, very fine crystalline, as above, with traces of <u>Limestone</u> : medium to dark gray, very fine crystalline, moderately argillaceous, soft to moderately hard, no fluorescence, no cut, no visible porosity, surface oil from mud

Total depth in Sidetrack #1 @ 11,680' MD, 9,116.43' TVD

Pull back to sidetrack, beginning Sidetrack #2 @ 11,390' MD

11390' - 11450'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, moderately hard, black oil stain in vugs, yellow fluorescence, <u>streaming cut</u> , very poor interparticle & pin point vuggy porosity, surface oil from mud
11450' - 11510'	<u>Limestone:</u>	tan, cream, light brown, very fine to fine crystalline, soft to moderately hard, yellow fluorescence, <u>fast streaming cut</u> , very poor to poor interparticle porosity, abundant surface oil from mud, very poor sample (small size & oil emulsion)
11510' - 11540'	<u>Limestone:</u>	tan, very fine crystalline, fragmental, occasional peloidal, black to brown oil stain in vugs, moderately hard, yellow fluorescence in part, <u>weak streaming cut</u> , very poor interparticle & small pin point vuggy porosity, surface oil from mud
11540' - 11570'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor clear to white anhydrite, locally fragmental, minor peloidal, very poor porosity, local minor oil stained vugs, patchy fluorescence, <u>weakly streaming cut</u>
11570' - 11600'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, local fragmental, minor peloidal, poor porosity, local minor oil stained vugs, patchy fluorescence, <u>streaming cut</u> , surface oil from mud
11600' - 11630'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, local fragmental, minor peloidal, poor porosity, patchy fluorescence, <u>weakly streaming cut</u> , surface oil from mud
11630' - 11660'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, common fragmental, common peloidal, poor porosity, patchy fluorescence, <u>streaming cut</u> , surface oil from mud
11660' - 11690'	<u>Limestone:</u>	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, common fragmental, locally peloidal, poor porosity, patchy fluorescence, <u>streaming cut</u> , minor surface oil from mud

GR base Nesson 11,710' MD, 9,136.8' TVD, (-7273.8')

- 11690' - 11720' Limestone: tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, locally fragmental, minor peloidal, poor porosity, patchy fluorescence, streaming cut, minor surface oil from mud
- 11720' - 11750' Limestone: tan to cream, very fine crystalline, moderately hard, local white to clear crystalline calcite, minor anhydrite, locally fragmental, minor peloidal, poor porosity, patchy fluorescence, weak streaming cut, very minor surface oil from mud

GR base Nesson 11,778' MD, 9,136.6' TVD, (-7273.6')

- 11750' - 11780' Limestone: tan to cream, very fine crystalline, moderately hard, common white to clear crystalline calcite, locally fragmental, minor peloidal, poor porosity, very patchy fluorescence, weak streaming cut
- 11780' - 11820' Limestone: tan to cream, very fine crystalline, moderately hard, common white to clear crystalline calcite, locally fragmental, minor peloidal, poor porosity, patchy fluorescence, streaming cut
- 11820' - 11850' Limestone: tan to cream, very fine crystalline, moderately hard, locally fragmental, minor peloidal, common white to clear crystalline calcite, poor porosity, patchy fluorescence, streaming cut, weak surface oil from mud
- 11850' - 11880' Limestone: tan to cream, very fine crystalline, moderately hard, locally fragmental, minor peloidal, common white to clear crystalline calcite, poor porosity, patchy fluorescence, streaming cut, weak oil from mud
- 11880' - 11930 Limestone: tan, cream, very fine crystalline, moderately hard, spotty black oil stain in vugs, white to clear anhydrite/calcite crystals in part, yellow fluorescence in part, slow streaming cut in part, very poor interparticle & small pin point vuggy porosity

11930' - 11990'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil stain in vugs, yellow fluorescence in part, <u>slow streaming cut in part</u> , very poor interparticle & small pin point vuggy porosity, increased surface oil from mud
11990' - 12020'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, occasional peloidal, spotty black oil stain in vugs, yellow fluorescence in part, <u>moderately streaming cut in part</u> , very poor interparticle & small pin point vuggy porosity, occasional white to clear anhydrite/calcite
12020' - 12040'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, <u>slow streaming cut in part</u> , very poor interparticle & small pin point vuggy porosity, white to clear anhydrite/calcite in part, surface oil from mud

Trip for bit @ 12,040' MD

12040' - 12080'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, <u>slow streaming cut in part</u> , very poor interparticle porosity, white to clear anhydrite/calcite crystals in part
12080' - 12140'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, <u>slow streaming cut in part</u> , very poor interparticle porosity, white to clear anhydrite/calcite crystals in part
12140' - 12170'	<u>Limestone:</u>	tan, cream, very fine crystalline, moderately hard, fragmental, weakly peloidal, white to clear calcite crystals, minor anhydrite, poor porosity, spotty black oil stain in vugs, yellow fluorescence in part, <u>slow streaming cut</u>

GR top Nesson 12,188' MD, 9,120.6' TVD, (-7257.6')

12170' - 12200'	<u>Limestone:</u>	tan, cream, very fine crystalline, moderately hard, fragmental, strong yellow fluorescence, <u>strong black oil throughout</u>
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12200' - 12230'	<u>Limestone:</u>	tan, cream, very fine crystalline, moderately hard, local crystalline calcite, fragmental, very poor interparticle porosity, strong yellow fluorescence, <u>moderate to strong black oil throughout, streaming cut</u> , traces Limestone: medium to dark gray, very fine crystalline, moderately argillaceous, no fluorescence, no cut, no porosity
12230' - 12260'	<u>Limestone:</u>	tan, cream, very fine crystalline, moderately hard, fragmental, crystalline calcite, poor porosity, strong yellow fluorescence, <u>strong black oil throughout</u>
12260' - 12290'	<u>Limestone:</u>	tan, cream, very fine crystalline, as above with traces of Limestone: medium to dark gray, very fine crystalline, moderately argillaceous, soft to moderately hard, no fluorescence, no cut, no visible porosity, abundant surface oil from mud

GR top Nesson 12,307' MD, 9,121.3' TVD, (-7258.3')

12290' - 12320'	<u>Limestone:</u> <u>Limestone:</u>	tan, cream, very fine crystalline, as above medium to dark gray, medium gray brown, very fine crystalline, moderately to slightly argillaceous, moderately hard to soft, no fluorescence, no cut, no porosity, surface oil from mud
12320' - 12350'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, <u>streaming cut</u> , very poor interparticle porosity & small pin point vugs, white to clear calcite/anhydrite crystals, surface oil from mud
	<u>Limestone:</u>	medium to dark gray, medium gray brown, very fine crystalline, moderately to slightly argillaceous, moderately hard to soft, no porosity, no cut
12350' - 12410'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil stain in vugs, yellow fluorescence in part, <u>streaming cut</u> , very poor interparticle porosity, abundant surface oil from mud, white to clear calcite/anhydrite crystals
12410' - 12440'	<u>Limestone:</u>	tan-cream, very fine crystalline, moderately hard, fragmental, white to clear calcite and anhydrite crystals, very poor porosity, local black oil stain in vugs, weak to patchy yellow fluorescence, <u>streaming cut</u> , abundant surface oil from mud

12440' - 12470'	<u>Limestone:</u>	tan-cream, very fine crystalline, moderately hard, fragmental, white to clear calcite and anhydrite crystals, poor porosity, local oil stain in vugs, weak yellow fluorescence, <u>streaming cut</u> , abundant surface oil from mud
12470' - 12500'	<u>Limestone:</u>	tan-cream, very fine crystalline, moderately hard, fragmental, local white to clear calcite and anhydrite crystals, poor porosity, local oil stained vugs, weak yellow fluorescence, <u>streaming cut</u> , abundant surface oil from mud
12500' - 12530'	<u>Limestone:</u>	tan-cream, very fine crystalline, moderately hard, fragmental, common white to clear calcite and anhydrite crystals, poor porosity, local oil stained vugs, spotty yellow fluorescence, <u>streaming cut</u> , abundant surface oil from mud
12530' - 12560'	<u>Limestone:</u>	tan-cream, very fine crystalline, moderately hard, fragmental, common white to clear calcite and anhydrite crystals, very poor porosity, spotty yellow fluorescence, <u>streaming cut</u> , abundant surface oil from mud
12560' - 12650'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil stain in vugs, yellow fluorescence in part, <u>streaming cut</u> , very poor interparticle porosity, white to clear calcite/ anhydrite crystals in part, surface oil from mud
12650' - 12740'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, as above, surface oil from mud, cuttings becoming small in size
12740' - 12800'	<u>Limestone:</u>	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, moderately hard, yellow fluorescence in part, <u>streaming cut in part</u> , very poor interparticle porosity, white to clear calcite & anhydrite crystals in part, surface oil from mud, small cuttings size

Total Depth 12,800' MD, 9,120.68' TVD, (-7257.68')



SUNDRY NOTICES AND REPORTS ON WELLS - FORM 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5749 (07-2000)

Well File No.
11745



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND THREE COPIES.

<input checked="" type="checkbox"/> Notice of Intent	Approximate Start Date In Progress	<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Report of Work Done	Date Work Completed	<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.		<input type="checkbox"/> Casing or Liner	<input type="checkbox"/> Acidizing
Approximate Start Date		<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
		<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
		<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
		<input checked="" type="checkbox"/> Other	REVISED END POINT

Well Name and Number BASIC GAME & FISH 34-3					
Footages 392 F S L	Qtr-Qtr 494 F W L	Section SWSW	2	Township 153 N	Range 101 W
Field BAKER	Pool MADISON	County McKENZIE			

24-HOUR PRODUCTION RATE			
Before		After	
Oil	Bbls	Oil	Bbls
Water	Bbls	Water	Bbls
Gas	MCF	Gas	MCF

Name of Contractor(s) BAKER HUGHES INTEQ, J&R WELL SERVICE			
Address		City	State
			Zip Code

DETAILS OF WORK

Nance Petroleum Corporation has revised it's estimated end of lateral on the horizontal sidetrack. The new proposed end of lateral is 1976' FSL & 1607' FWL of Sec 3-T153N-R101W.

Company NANCE PETROLEUM CORPORATION		Telephone Number (406)245-6248
Address P. O. BOX 7168		
City BILLINGS		State MT
Signature 		Printed Name Gary L Evertz
Title VP Operations		Date November 19, 2002

FOR STATE USE ONLY	
<input type="checkbox"/> Received	<input checked="" type="checkbox"/> Approved
Date NOV 25 2002	
By 	
Title Horizontal Drilling Supervisor	



P.O. BOX 7168 • BILLINGS, MT 59103
550 N. 31ST ST, SUITE 500 • BILLINGS, MT 59101
PHONE: (406) 245-6248 • FAX: (406) 245-9106

A Subsidiary of
St. Mary Land & Exploration Co.

11745
MM

North Dakota Industrial Commission
Oil and Gas Division
600 East Boulevard, Dept. 405
Bismarck, ND 58505-0840

November 6, 2002



Re: Notice of Intent to Revise Directional Plan
Basic Game & Fish #34-3 Well
SW/SW Sec. 2, T153N-R101W
McKenzie Co., ND
Baker Field

Gentlemen:

Included with this letter, please find the required copies of the above referenced NOI to Revise Directional Plan for the horizontal sidetrack of this well in the Nesson porosity zone of the Madison formation. As per discussions with Mr. Kelly Triplett of your office, this revised plan is proposed to insure that the horizontal wellbore encounters the Nesson porosity at a distance of 505' or more from the south line of Section 3, T153N-R101W. This revision is necessary due to discrepancies between the original directional surveys for this well during initial drilling of the well and the directional gyro survey run in this well just prior to initiating the horizontal sidetrack of this well.

Please contact me if you have additional questions concerning this proposal.

Sincerely,

William M. Bolden

William M. Bolden
Operations Engineer



SUNDY NOTICES AND REPORTS ON WELLS - FORM 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 5749 (07-2000)

Well File No.
11745



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND THREE COPIES.

<input checked="" type="checkbox"/> Notice of Intent	Approximate Start Date
<input type="checkbox"/> Report of Work Done	Date Work Completed
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	Approximate Start Date

<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Casing or Liner	<input type="checkbox"/> Acidizing
<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
<input checked="" type="checkbox"/> Other	REVISED DIRECTIONAL PLAN

Well Name and Number BASIC GAME & FISH 34-3					
Footages 392 F S L	Qtr-Qtr 494 F W L	Section SWSW	Township 2	Range 153 N	Range 101 W
Field BAKER	Pool MADISON	County McKENZIE			

24-HOUR PRODUCTION RATE			
Before		After	
Oil	Bbls	Oil	Bbls
Water	Bbls	Water	Bbls
Gas	MCF	Gas	MCF

Name of Contractor(s) BAKER HUGHES INTEQ					
Address 7424 W. 6 WN Rd.	City Casper	State WY	Zip Code 82604		

DETAILS OF WORK

Nance Petroleum Corporation submits the attached revised directional drilling plan for the proposed Nesson zone horizontal sidetrack of this well. The directional drilling plan has been revised to insure that the horizontal wellbore will be greater than 505' FSL of Sec. 3, T153N-R101W when the top of the Nesson porosity is reached. The top of the Nesson porosity is anticipated to be encountered at a TVD of 9,124' at a point 544' FSL of Sec. 3 based on the revised directional drilling plan.					
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Company NANCE PETROLEUM CORPORATION	Telephone Number (406)245-6248
Address P. O. BOX 7168	
City BILLINGS	State MT
Signature <i>William M. Belden</i>	Printed Name William M. Belden
Title Operations Engineer	Date November 6, 2002

FOR STATE USE ONLY	
<input type="checkbox"/> Received	<input checked="" type="checkbox"/> Approved
Date NOV 12 2002	
By <i>Kelly J.</i>	
Title Horizontal Drilling Supervisor	

NANCE PETROLEUM CORPORATION

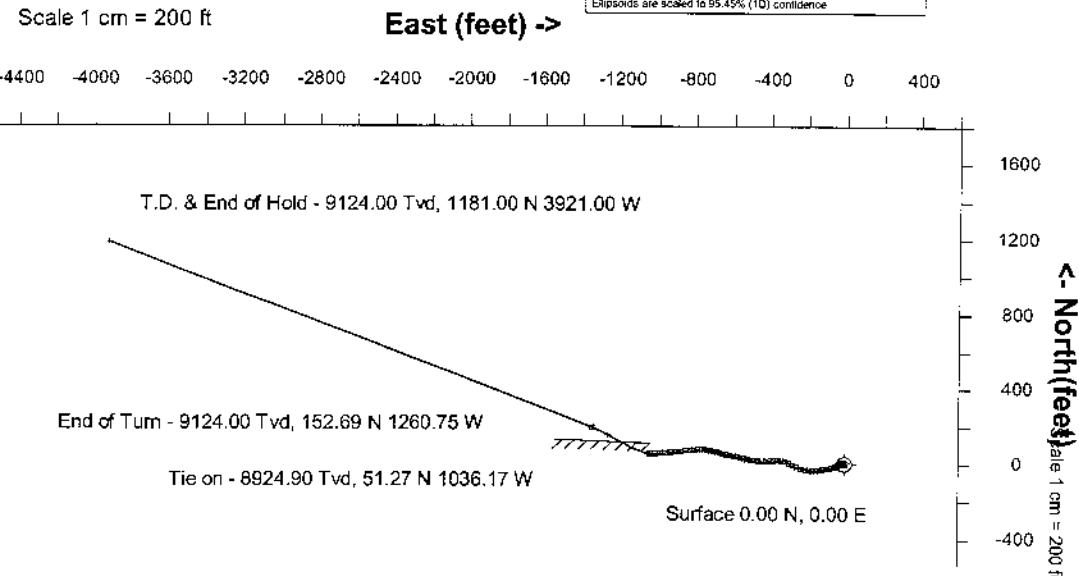
Location: NORTH DAKOTA
 Field: MCKENZIE COUNTY
 Installation: SEC.2-T153N-R101W

Slot: Slot #1 34-3H
 Well: BASIC GAME & FISH 34-3H

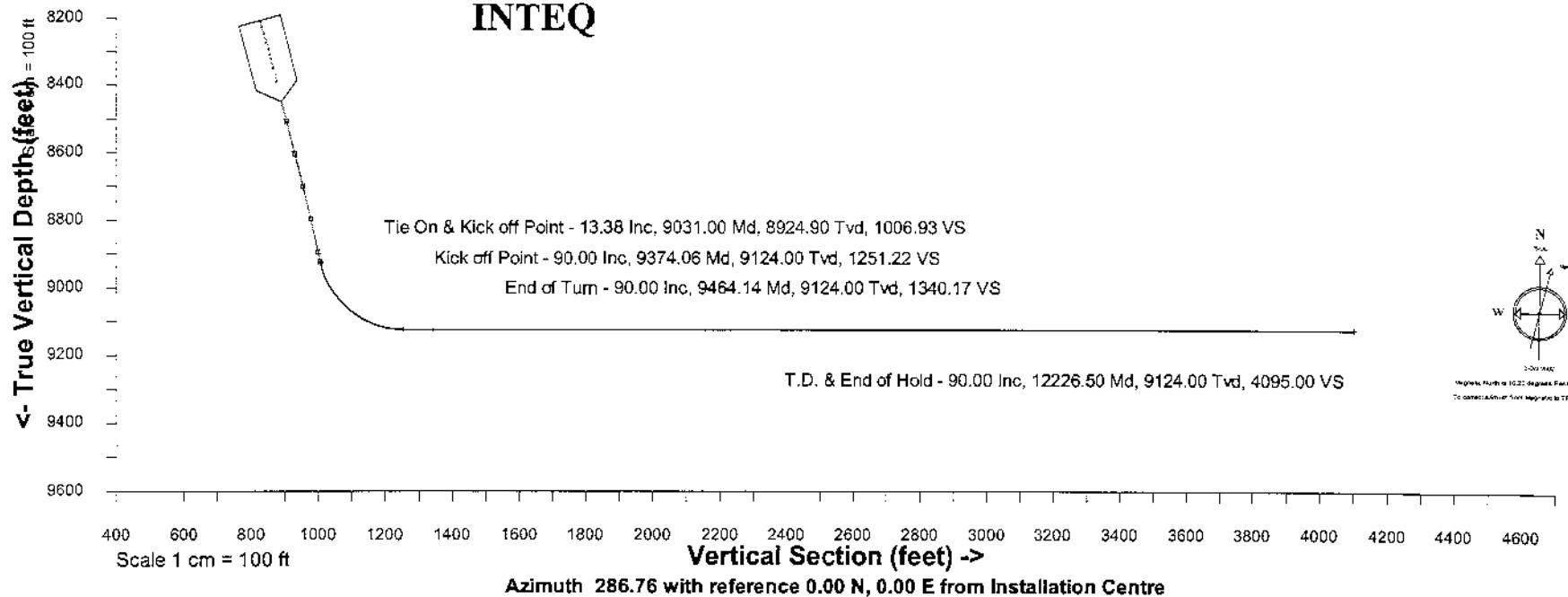
Created by: Planner
 Date plotted: 5-Nov-2002
 Plot reference is BASIC GAME & FISH 34-3H (PWVB) ref'd to survey
 Ref Wellpath is BASIC GAME & FISH 34-3H (PWPH)
 Coordinates are in feet, reference Slot #1 34-3H
 True Vertical Depths are reference Rig Datum.
 Measured Depths are reference Rig Datum.
 Rig Datum: Datum #1
 Rig Datum to Mean Sea Level: 0.00
 Plot North is aligned to TRUE North.
 Ellipse dimensions are of PROJECTED error ellipsoid
 Ellipsoids are scaled to 95.45% (10) confidence

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	deg/100ft	V. Sect
KOP	9031.00	13.38	268.90	8924.90	51.27	-1036.17	0.00	1006.93
Target	9374.06	90.00	300.00	9124.00	152.69	-1260.75	22.90	1251.22
End of Turn	9464.14	90.00	290.99	9124.00	191.43	-1341.98	10.00	1340.17
T.D. & Target	12226.50	90.00	290.99	9124.00	1181.00	-3921.00	0.00	4095.00



INTEQ



NANCE PETROLEUM CORPORATION,Slot
 #1 34-3H
 SEC.2-T153N-R101W,
 MCKENZIE COUNTY,NORTH DAKOTA

(PWB) tied to survey*
 Wellpath: BASIC GAME & FISH 34-3H
 (PWP#1)
 Date Printed: 5-Nov-2002



INTEQ

Wellbore

Name	Created	Last Revised
BASIC GAME & FISH 34-3H (PWB) tied to survey*	5-Nov-2002	5-Nov-2002

Well

Name	Government ID	Last Revised
BASIC GAME & FISH 34-3H		2-Oct-2002

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #1 34-3H	415444.5725	1204638.5949	N48 5 47.0683	W103 37 36.5227	392.00N	494.00E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
SEC.2-T153N-R101W	1204129.1113	415072.9894	ND83-NF on NORTH AMERICAN DATUM 1983 datum	True

Field

Name	Easting	Northing	Coord System Name	North Alignment
MCKENZIE COUNTY	1968500.0000	3519779.6485	ND83-NF on NORTH AMERICAN DATUM 1983 datum	True

Created By

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Comments

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All data is in Feet unless otherwise stated

Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #1 0.00ft above Mean Sea Level)

Vertical Section is from 0.00N 0.00E on azimuth 286.76 degrees

Bottom hole distance is 4095.00 Feet on azimuth 286.76 degrees from Wellhead

Calculation method uses Minimum Curvature method

Prepared by Baker Hughes Inteq

NANCE PETROLEUM CORPORATION, Slot
 #1 34-3H
 SEC.2-T153N-R101W,
 MCKENZIE COUNTY, NORTH DAKOTA

(PWB) tied to survey*
 Wellpath: BASIC GAME & FISH 34-3H
 (PWP#1)
 Date Printed: 5-Nov-2002



INTEQ

Wellpath Report

MD[ft]	Incl[deg]	Dir[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00
100.00	0.33	280.19	100.00	0.05N	0.28W	0.33	0.29
200.00	0.38	208.88	200.00	0.19S	0.73W	0.42	0.64
300.00	0.60	178.83	299.99	1.00S	0.88W	0.33	0.55
400.00	0.34	153.75	399.99	1.79S	0.73W	0.33	0.19
500.00	0.15	35.20	499.99	1.95S	0.53W	0.43	-0.06
600.00	0.39	358.39	599.99	1.50S	0.46W	0.28	0.01
700.00	0.38	21.58	699.99	0.85S	0.35W	0.16	0.09
800.00	0.78	57.94	799.98	0.19S	0.35E	0.52	-0.39
900.00	0.91	18.30	899.97	0.93N	1.18E	0.59	-0.86
1000.00	0.39	328.47	999.97	1.97N	1.25E	0.72	-0.62
1100.00	1.01	346.20	1099.96	3.12N	0.86E	0.65	0.08
1200.00	1.12	308.24	1199.94	4.58N	0.12W	0.70	1.44
1300.00	1.22	308.24	1299.92	5.84N	1.72W	0.10	3.34
1400.00	0.94	297.27	1399.90	6.88N	3.29W	0.35	5.13
1500.00	0.85	319.24	1499.89	7.82N	4.50W	0.35	6.56
1600.00	0.58	253.99	1599.89	8.24N	5.47W	0.80	7.62
1700.00	0.62	313.36	1699.88	8.47N	6.35W	0.60	8.53
1800.00	1.13	263.70	1799.87	8.73N	7.73W	0.87	9.92
1900.00	0.87	249.42	1899.86	8.36N	9.42W	0.36	11.43
2000.00	1.21	247.79	1999.84	7.69N	11.10W	0.34	12.85
2100.00	1.45	240.59	2099.81	6.67N	13.18W	0.29	14.55
2200.00	1.84	236.30	2199.77	5.16N	15.62W	0.41	16.44
2300.00	2.39	235.06	2299.70	3.07N	18.67W	0.55	18.76
2400.00	2.64	233.06	2399.61	0.49N	22.22W	0.26	21.41
2500.00	2.75	226.47	2499.49	2.54S	25.80W	0.33	23.97
2600.00	2.29	232.74	2599.40	5.40S	29.13W	0.54	26.33
2700.00	1.70	221.51	2699.34	7.72S	31.70W	0.71	28.12
2800.00	1.38	211.27	2799.30	9.86S	33.31W	0.42	29.05
2900.00	1.29	230.60	2899.27	11.61S	34.80W	0.46	29.98
3000.00	1.30	242.98	2999.25	12.84S	36.88W	0.28	31.42
3100.00	1.20	246.04	3099.22	13.78S	38.65W	0.12	33.03
3200.00	1.14	247.40	3199.20	14.59S	40.52W	0.07	34.60
3300.00	1.08	249.32	3299.18	15.30S	42.33W	0.07	36.11
3400.00	1.12	253.00	3399.17	15.92S	44.14W	0.08	37.67
3500.00	1.17	255.93	3499.15	16.45S	46.07W	0.08	39.36
3600.00	1.20	255.36	3599.13	16.97S	48.07W	0.03	41.13
3700.00	0.96	247.89	3699.11	17.55S	49.86W	0.28	42.68
3800.00	0.81	252.95	3799.10	18.07S	51.31W	0.17	43.92
3900.00	0.90	264.06	3899.09	18.36S	52.77W	0.19	45.23
4000.00	0.91	274.74	3999.07	18.37S	54.34W	0.17	46.73
4100.00	4.25	257.45	4098.96	19.11S	58.75W	3.39	50.74
4200.00	6.93	257.49	4198.47	21.23S	68.26W	2.68	59.24
4300.00	8.40	257.08	4297.58	24.16S	81.27W	1.47	70.85
4400.00	9.38	257.93	4396.37	27.50S	96.36W	0.99	84.33
4500.00	10.13	260.16	4494.93	30.71S	112.99W	0.84	99.33
4600.00	10.48	263.11	4593.32	33.30S	130.68W	0.63	115.53
4700.00	10.93	267.10	4691.58	34.87S	149.18W	0.87	132.78
4800.00	11.40	271.61	4789.69	35.08S	168.53W	0.99	151.25
4900.00	11.64	273.07	4887.67	34.26S	188.48W	0.38	170.59
5000.00	12.43	280.23	4985.48	31.81S	209.15W	1.69	191.09
5100.00	13.72	290.37	5082.90	25.77S	230.86W	2.63	213.62

All data is in Feet unless otherwise stated

Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #1 0.00ft above Mean Sea Level)

Vertical Section is from 0.00N 0.00E on azimuth 286.76 degrees

Bottom hole distance is 4095.00 Feet on azimuth 286.76 degrees from Wellhead

Calculation method uses Minimum Curvature method

Prepared by Baker Hughes Inteq

NANCE PETROLEUM CORPORATION, Slot
 #1 34-3H
 SEC.2-T153N-R101W,
 MCKENZIE COUNTY, NORTH DAKOTA

(PWB) tied to survey*
 Wellpath: BASIC GAME & FISH 34-3H
 (PWP#1)
 Date Printed: 5-Nov-2002



INTEQ

Wellpath Report

MD[ft]	Incl[deg]	Dir[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]
5200.00	13.89	292.59	5180.01	17.03S	253.06W	0.56	237.40
5300.00	13.17	294.15	5277.23	7.75S	274.54W	0.81	260.64
5400.00	13.32	297.15	5374.57	2.16N	295.19W	0.70	283.27
5500.00	13.19	293.76	5471.91	12.02N	315.88W	0.79	305.92
5600.00	12.76	275.87	5569.40	17.75N	337.32W	4.02	328.10
5700.00	11.54	266.41	5667.16	18.25N	358.29W	2.33	348.33
5800.00	11.42	263.53	5765.16	16.51N	378.11W	0.59	366.80
5900.00	11.39	265.59	5863.19	14.63N	397.79W	0.41	385.11
6000.00	11.48	269.16	5961.21	13.73N	417.58W	0.71	403.80
6100.00	11.84	273.56	6059.15	14.22N	437.77W	0.96	423.27
6200.00	11.80	276.10	6157.02	15.94N	458.18W	0.52	443.31
6300.00	11.33	276.24	6254.99	18.10N	478.11W	0.47	463.02
6400.00	11.15	279.43	6353.08	20.75N	497.42W	0.65	482.26
6500.00	10.88	281.78	6451.23	24.26N	516.19W	0.52	501.26
6600.00	10.58	280.40	6549.49	27.84N	534.48W	0.39	519.78
6700.00	10.83	282.20	6647.75	31.49N	552.67W	0.42	538.27
6800.00	11.16	283.35	6745.91	35.71N	571.27W	0.40	557.30
6900.00	11.41	283.63	6843.98	40.27N	590.30W	0.26	576.83
7000.00	11.02	282.49	6942.07	44.67N	609.25W	0.45	596.24
7100.00	11.51	282.54	7040.14	48.90N	628.32W	0.49	615.72
7200.00	11.09	284.80	7138.20	53.53N	647.35W	0.61	635.28
7300.00	10.02	283.16	7236.51	57.96N	665.12W	1.11	653.58
7400.00	9.45	283.15	7335.07	61.81N	681.59W	0.57	670.46
7500.00	9.26	282.88	7433.74	65.47N	697.43W	0.20	686.68
7600.00	9.18	282.31	7532.45	68.97N	713.06W	0.12	702.66
7700.00	9.42	279.32	7631.13	71.99N	728.93W	0.54	718.72
7800.00	9.91	273.53	7729.72	73.85N	745.60W	1.09	735.21
7900.00	10.40	269.55	7828.15	74.31N	763.21W	0.86	752.21
8000.00	10.84	268.38	7926.44	73.97N	781.64W	0.49	769.76
8100.00	12.05	265.35	8024.45	72.86N	801.44W	1.35	788.40
8200.00	13.04	263.15	8122.06	70.67N	823.05W	1.10	808.46
8300.00	14.33	263.18	8219.22	67.85N	846.54W	1.29	830.14
8400.00	15.31	262.62	8315.89	64.69N	871.92W	0.99	853.53
8500.00	16.37	262.98	8412.09	61.27N	899.00W	1.06	878.47
8600.00	15.83	264.29	8508.17	58.19N	926.56W	0.65	903.97
8700.00	15.50	265.35	8604.46	55.75N	953.45W	0.44	929.01
8800.00	14.90	266.95	8700.96	53.98N	979.60W	0.73	953.55
8900.00	14.52	267.20	8797.68	52.68N	1004.96W	0.39	977.46
9000.00	13.34	267.23	8894.74	51.51N	1029.01W	1.18	1000.14
9031.00	13.38	268.90	8924.90	51.27N	1036.17W	1.25	1006.93
9100.00	28.05	286.67	8989.32	55.80N	1059.84W	22.90	1030.90
9200.00	50.49	294.19	9066.28	78.66N	1118.34W	22.90	1093.50
9300.00	73.17	297.87	9113.20	117.35N	1198.88W	22.90	1179.87
9374.06	90.00	300.00	9124.00	152.69N	1260.75W	22.90	1251.22
9400.00	90.00	297.41	9124.00	165.15N	1283.50W	10.00	1276.59
9464.14	90.00	290.99	9124.00	191.43N	1341.98W	10.00	1340.17
9500.00	90.00	290.99	9124.00	204.27N	1375.45W	0.00	1375.92
9600.00	90.00	290.99	9124.00	240.10N	1468.82W	0.00	1475.65
9700.00	90.00	290.99	9124.00	275.92N	1562.18W	0.00	1575.38
9800.00	90.00	290.99	9124.00	311.74N	1655.54W	0.00	1675.11
9900.00	90.00	290.99	9124.00	347.57N	1748.91W	0.00	1774.83
10000.00	90.00	290.99	9124.00	383.39N	1842.27W	0.00	1874.56

All data is in Feet unless otherwise stated

Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #1 0.00ft above Mean Sea Level)

Vertical Section is from 0.00N 0.00E on azimuth 286.76 degrees

Bottom hole distance is 4095.00 Feet on azimuth 286.76 degrees from Wellhead

Calculation method uses Minimum Curvature method

Prepared by Baker Hughes Inteq



SUNDY NOTICES AND REPORTS ON WELLS - FORM 4

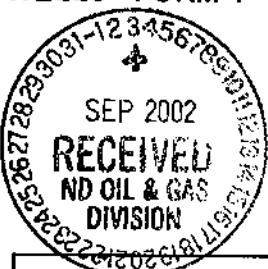
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFSN 5749 (07-2000)

11

Well File No.
11745

**PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND THREE COPIES**

<input checked="" type="checkbox"/> Notice of Intent	Approximate Start Date
<input type="checkbox"/> Report of Work Done	Date Work Completed
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	
Approximate Start Date	



<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Casing or Liner	<input checked="" type="checkbox"/> Acidizing
<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
<input checked="" type="checkbox"/> Other	<u>Drill Horizontal Lateral</u>

Well Name and Number

BASIC GAME & FISH 34-3

Footages				Qtr-Qtr	Section	Township	Range
392 F S L	494 F W L	SWSW		2		153 N	101 W
BAKER	MADISON					MCKENZIE	

24-HOUR PRODUCTION RATE			
Before		After	
Oil	Bbls	Oil	Bbls
Water	Bbls	Water	Bbls
Gas	MCF	Gas	MCF

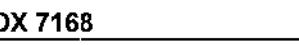
Name of Contractor(s)

To Be Determined

Address	City	State	Zip Code
---------	------	-------	----------

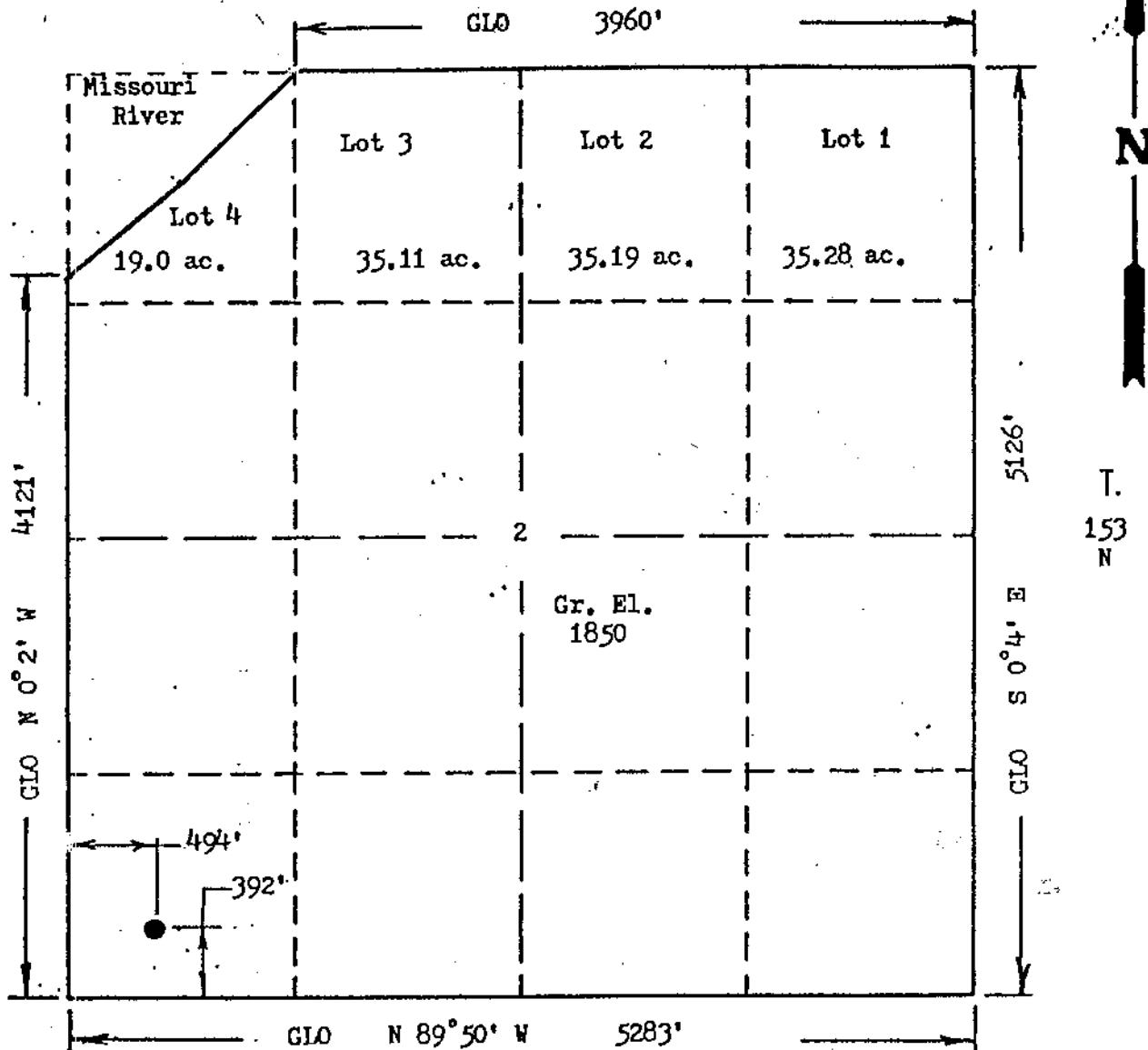
DETAILS OF WORK

Nance Petroleum Corporation proposes to sidetrack and drill horizontal lateral in the Nesson zone of the Madison formation. The lateral will be completed as open hole. See the attached proposed procedure.

Company NANCE PETROLEUM CORPORATION		Telephone Number (406)245-6248
Address P. O. BOX 7168		
City BILLINGS		State MT
Signature 		Printed Name GARY L. EVERTZ
Title VICE PRESIDENT - OPERATIONS		Date August 26, 2002

FOR STATE USE ONLY	
<input type="checkbox"/> Received	<input checked="" type="checkbox"/> Approved
Date	SEP 16 2002
By	<i>Kelly</i>
Title	Horizontal Drilling Supervisor

R 101 W



Scale: 1"=1000'

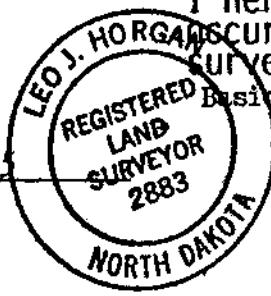
Powers Elevation of Denver, Colorado has in accordance with a request from Tom Hopkins ... for Basic Earth Science Systems Inc. determined the location of Basic Game & Fish #14-2 (34-3).
to be 392' FS & 494' FW Section 2 , Township 153 N
Range 101 West of the Fifth Principal Meridian,
McKenzie County, North Dakota

I hereby certify that this plat is an accurate representation of a correct survey showing the location of

~~Basic Game & Fish #14-2~~

Date:

9-4-84



Licensed Land Surveyor No. 2883
State of North Dakota

NANCE PETROLEUM CORPORATION

BASIC GAME & FISH 34-3H

Baker Field ~ McKenzie County, ND

GL - 1850' KB - 1872' (22' KB)

Surface Location	392' FSL & 494' FWL Sec 2 T153N R101W
KOP	532' FSL & 497' FEL Sec 3 T153N R101W
Target	614' FSL & 716' FEL Sec 3 T153N R101W
End of Lateral	1637' FSL & 1720' FWL Sec 3 T153N R10W

PROCEDURE TO DRILL HORIZONTAL NESSON LATERAL WELL BORE DIAGRAM ATTACHED

Current Condition

Pumping Nesson at 26 BOPD and 1 BWPD. Original well drilled directionally due to topography. Maximum angle 16 deg @ 8392', with 12 deg. @ Nesson pay Zone. 5 1/2" 17, 20, & 23 #/ft L-80 & RS-90 casing was set @ 9702' MD and cemented with top of cement @ 3450'.

Proposed Plan

Sidetrack out of 5 1/2" casing @ 9015'±, build angle and drill a 4 1/2" horizontal lateral with the Mission Canyon Nesson porosity as the target zone, completed open hole. Use fresh water with gel sweeps to clean hole. Drill at an azimuth of 290 deg. A directional survey of the existing hole is attached. Baker Enteq will provide the directional equipment, and surveys will be taken every 30'.

Formation Tops of Important Markers

Formation	TVD	MD	Subsea
Base of Last Salt	8893'	8998'	-7021'
Ratcliffe	8968'	9074'	-7096'
Midale	9053'	9162'	-7181
Mission Canyon (Nesson)	9123'	9235'	-7251'
Horizontal Target	9124	9238'-12558'	-7254'

Proposed Procedure

1. MI RU workover rig. POOH w/ rods and pump. LD rods on sills. ND wellhead and NU BOPE. POOH with tubing. TIH w/ 4 1/2" bit and scraper to 9300'. POOH laying down 2 7/8" tubing. RU WL truck and run 40 arm caliper log f/ 9300' to surface. Release workover rig.
2. RU drilling workover rig. PU and TIH w/ 2 7/8" AOH DP with 4 1/2" window mill and watermelon mill. POOH. RU WL truck. Make junk ring run to 9200'. Set Baker packer @ 9034'± (casing collar is at 8992' and 9037'). Run gyro and determine orientation of packer lug. POOH w/ WL and RD truck.
3. Set bottom of whipstock to orient it to 290 deg azimuth TIH with whipstock, and milling BHA on 2 7/8" AOH DP

4. Set whipstock on packer. Mill window in casing with starter mill at approximately 9020'. Circulate the hole clean and POOH. TIH w/ new window mill and watermelon mills. Mill window and 5' – 10' of formation. Circulate hole clean and POOH.
5. TIH w/ 4 1/2" bit, MWD and directional tools on 2 7/8" weight pipe and 2 7/8" AOH DP. Orient tools with gyro and exit window, drilling formation. Continue orienting with gyro until far enough away f/ casing to avoid magnetic interference. Build angle at $30\pm$ deg/100 ft with an azimuth of 290 degrees. Horizontal target is 9238' in the top of the Mission Canyon Nesson porosity.
6. Drill horizontal lateral to hard line of 550' from WL of Sec 2 (Note: Lateral will most likely be 2500' – 3000' long, and not approach hard line). Short trip bit to casing then back to TD, and circulate hole. POOH laying down directional tools and MWD.
7. TIH with HWDP & DP, bull plugged and perfed sub on bottom.
8. RU pump trucks. Acidize lateral in five stages. POOH and LD all DP and tools. PU and TIH w/ packer and 2 7/8" tubing. Set packer at $9100'\pm$. PT casing and packer to 500 psi. ND BOPE and NU wellhead. RD and move out drilling workover rig.
9. RU workover rig. Swab well until fluid cleans up. POOH w/ packer and tbg. Run production BHA and 2 7/8" tbg. Run pump and rods (design will be based on productivity). Put well through production facility.
10. RD and release rig.

GLE
8/22/02
GLE\BASIC GAME & FISH 34-3H.DOC

NANCE PETROLEUM CORPORATION

		WELL:	BASIC GAME & FISH 34-3	FIELD:	BAKER
2960'	9 5/8"	LOCATION:	SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL BH @ TD:SESE SEC 3 153N 101V STATUS: PUMPING OIL WELL 543' FSL & 655' FEL		
3450'	TOP OF CMT	ELEVATION:	GL - 1650' KB - 1872'	ST FILE NO: 11745	
		ACCTG NO.	60102	API# 33-053-02102	
		SPUD DATE:	10/16/85	COMP DATE: 2/3/86	
4034'	KICK-OFF PT.	ROTARY TD:	9596' TVD, 9716' TMD	PBTM: 9561' MD	
		SURF CSG:	9 5/8" 36# K-55 SET @ 2960'. CMT W/ 1100 SX.		
		PROD CSG:	5 1/2" 17,20,23# L-80, RS-90 SET @ 9702'. CMT 122 SX.		
		TUBING & BHA		RODS & PUMP	
		291 JTS 2 7/8" L-80 TBG		1 1/2" X 22' POLISH ROD	
		MECH SN - 9156		124 7/8" GRAD D RODS (3100')	
		2 JTS 2 7/8" L80 TBG		34 - 3/4" GRADE D RODS (850')	
		BASIN AC - 929221'		182 - 3/4 GR D RODS W/ CENT(4550')	
		4 JTS 2 7/8" L80 TBG		24 - 7/8" GR D W/ PADDLES(600')	
		PINNED COLLAR - 9347		1" X 30" PADDLE PONY ROD	
				2 1/2" X 1 1/4" X 24.5' RHBM,	
				BRASS NICARB PUMP	
		SN			
8092'	DV COLLAR	SPM - 6.25 SL - 90"		5 1/2"	SET @
				23# TC80HC	45
8392'	MAX ANGLE	<u>SALT</u> <u>DEPTH</u>		17# L-80	6624
	16 DEG.	DUNHAM 6844-6712		23# TC80HC	6803
		PINE 7035-7100		20# L-80	7013
		CHARLES 8275-8004		23# TC80HC	7188
				20# L-80	8251
				23# TC80HC	9099
				20# L-80	9702
9156'	10 11	MECH SN	WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.		
9221'	<<< >>>	BASIN AC	PUMP UNIT: LUFKIN C456D-365-120, W/ E-42 AJAX MOTOR.		
9234-54'	=	NESSON PERFS			
		12 DEG DEV.	PERFS: NESSON 9234-54' 4 SPF		
9346'	—	PINNED COLLAR			
9529'		PBTM			
9702'	*****	5 1/2"	PREPARED BY: GARY L EVERETZ	DATE:	04/28/00
	*****				BASIC343.XLS
		DIRICTIONAL WELL TMD - 9716, TVD - 9586'			
		MAXIMUM ANGLE 16 DEG. @ 8392', 12 DEG. @ NESSON.			

NANCE PETROLEUM CORPORATION

WELL: **BASIC GAME & FISH 34-3H** FIELD: **BAKER**

		LOCATION: SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL
2960'	9 5/8"	BH @ TD:SESE SEC 3 153N 1 STATUS: PUMPING OIL WELL 543' FSL &655' FEL
3450'	TOP OF CMT	ELEVATION: GL - 1850' KB - 1872' ST FILE NO: 11745 ACCTG NO. 60102 API# 33-053-02102 SPUD DATE: 10/16/85 COMP DATE: 2/3/86
4034'	ORIGINAL KICK-OFF PT.	ROTARY TD:9596' TVD, 9716' TMD PBTD: 9561' MD SURF CSG: 9 5/8" 36# K-55 SET @ 2960'. CMT W/ 1100 SX. PROD CSG: 5 1/2" 17,20,23# L-80, RS-90 SET @ 9702'. CMT 122 SX.

TUBING & BHA

RODS & PUMP

	<u>SALT</u>	<u>DEPTH</u>	<u>5 1/2"</u>	<u>SET @</u>
	DUNHAM	6644-6712	23# TC80HC	45
	PINE	7035-7100	17# L-80	6624
	CHARLES	8275-9004	23# TC80HC	6803
			20# L-80	7013
8092'	DV COLLAR		23# TC80HC	7188
		WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22 20# L-80		8251
8392'	ORIGINAL MAX ANGLE 16 DEG.	PUMP UNIT: LUFKIN C456D-365-120 W/ E-42 AJAX MOTOR	23# TC80HC 20# L-80	9099 9702
		PERFS: NESSON 9234-54' 4 SPF		
8998'	BLS	PROPOSED HORIZONTAL WELL		
9020'	KOP			

4 1/2" HOLE

NESSON TARGET 9124' TVD 9238' MD -7254' SUBSEA

9034'	<<<<<<<<	PKR	27°/100' BUILD RATE TO 90° AZIMUTH 290°	3000' LATERAL
9234-54'	=	=	NESSON PERFS 12 DEG DEV.	
9346'			PINNED COLLAR	
9529'		PBTD	PREPARED BY: GARY L EVERETZ	DATE: 08/22/02
9702'	*****	5 1/2"		BASIC343H.XLS

DIRICTIONAL WELL TMD - 9716', TVD - 9596'

MAXIMUM ANGLE 16 DEG. @ 8392', 12 DEG. @ NESSON.

DIRECTIONAL PLAN
BASIC GAME & FISH 34-3H HORIZONTAL WELL

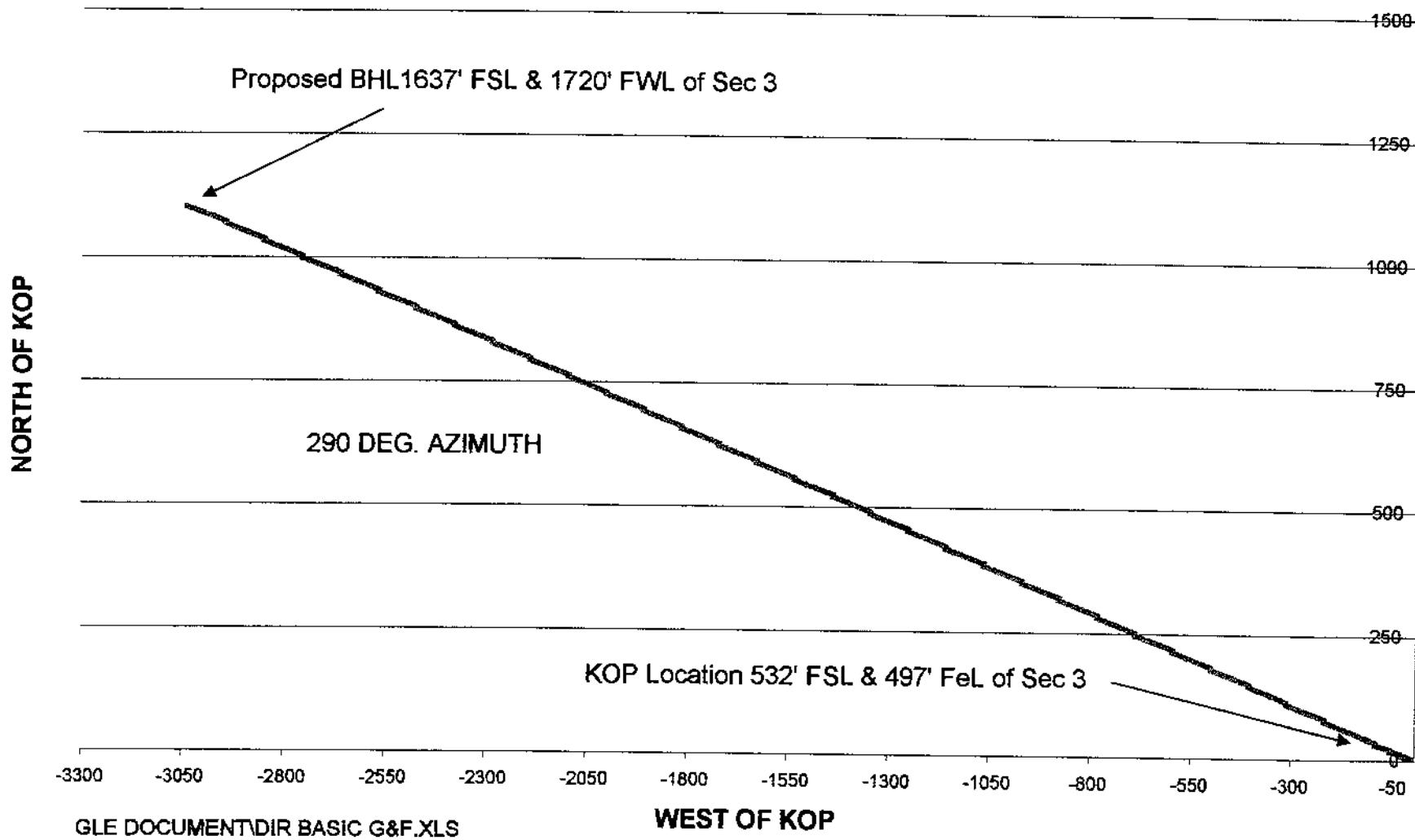
8/22/2002

SURF LOCATION 392' FSL & 484' FWL SEC 2 T153N R101W
 KOP 533' FSL & 522' FWL SEC 3 T153N R101W
 TARGET (8438' MD) 535' FSL & 564' FWL SEC 3 T153N R101W
 END OF LATERAL 1637' FSL & 1720' FWL SEC 3 T153N R101W

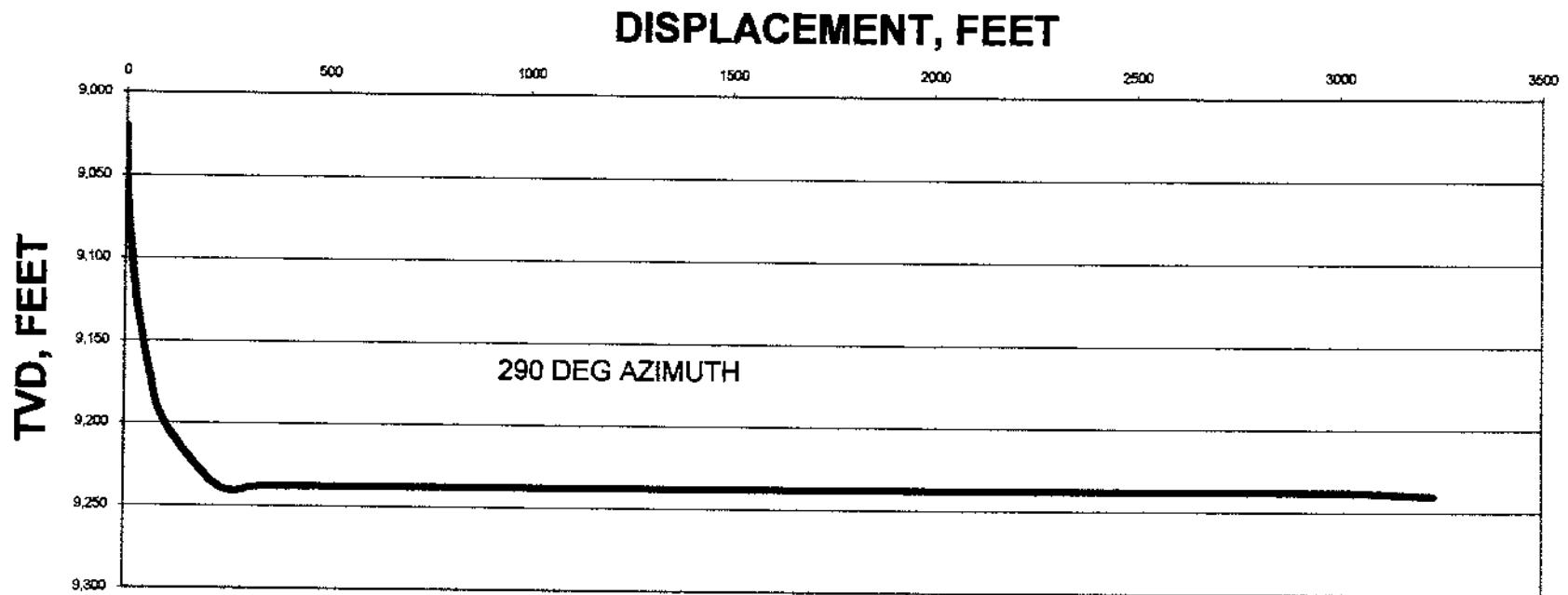
GLEDOCUMENTS\DIR BASIC O&F.XLS

	TVD FEET	TMD FEET	DEV.	AZIMUTH DEGREES	SECTION HORIZ. DISPL.	TOTAL DISPL.	RECTANGULAR COORDINATES		DOG LEG SEVERITY DEG/100'	KOP FOR HORIZONTAL HOLE	TARGET	NESSON POROSITY
							NORTH	EAST				
KICK-OFF PT	9,020	9,020	0.0		0.00	0.00	0.00	0.00				
	9,050	9,050	8.1	290.0	2.12	2.12	0.73	-2.00	26.93			
	9,090	9,081	16.4	290.0	6.51	6.64	2.95	-8.12	27.04			
	9,110	9,113	25.1	290.0	11.36	20.00	6.83	-18.80	27.12			
	9,140	9,147	34.4	290.0	17.14	37.14	12.68	-34.91	26.92			
	9,170	9,188	45.0	290.0	24.80	62.04	21.18	-56.31	27.19			
	9,200	9,235	56.1	290.0	37.77	99.81	34.06	-93.61	27.16			
TARGET	9,238	9,373	90.0	290.0	132.84	232.65	79.43	-218.67	23.08			
	9,238	9,473	90.0	290.0	100.00	392.65	119.57	-312.66	0.00			
	9,238	9,573	90.0	290.0	100.00	432.65	147.71	-406.65	0.00			
	9,238	9,673	90.0	290.0	100.00	532.65	181.85	-500.65	0.00			
	9,238	9,773	90.0	290.0	100.00	632.65	216.99	-594.64	0.00			
	9,238	9,873	90.0	290.0	100.00	732.65	250.13	-688.63	0.00			
	9,238	9,973	90.0	290.0	100.00	832.65	284.27	-782.62	0.00			
	9,238	10,073	90.0	290.0	100.00	932.65	318.41	-876.61	0.00			
	9,238	10,173	90.0	290.0	100.00	1032.65	352.55	-970.60	0.00			
	9,238	10,273	90.0	290.0	100.00	1132.65	386.69	-1064.60	0.00			
	9,238	10,373	90.0	290.0	100.00	1232.65	420.83	-1158.59	0.00			
	9,238	10,473	90.0	290.0	100.00	1332.65	454.97	-1252.58	0.00			
	9,238	10,573	90.0	290.0	100.00	1432.65	489.11	-1348.57	0.00			
	9,238	10,673	90.0	290.0	100.00	1532.65	523.25	-1440.56	0.00			
	9,238	10,773	90.0	290.0	100.00	1632.65	557.39	-1534.56	0.00			
	9,238	10,873	90.0	290.0	100.00	1732.65	591.53	-1628.55	0.00			
	9,238	10,973	90.0	290.0	100.00	1832.65	625.67	-1722.54	0.00			
	9,238	11,073	90.0	290.0	100.00	1932.65	659.81	-1816.53	0.00			
	9,238	11,173	90.0	290.0	100.00	2032.65	693.95	-1910.52	0.00			
	9,238	11,273	90.0	290.0	100.00	2132.65	728.09	-2004.51	0.00			
	9,238	11,373	90.0	290.0	100.00	2232.65	762.23	-2098.51	0.00			
	9,238	11,473	80.0	290.0	100.00	2332.65	796.37	-2192.50	0.00			
	9,238	11,573	90.0	290.0	100.00	2432.65	830.51	-2286.49	0.00			
	9,238	11,673	90.0	290.0	100.00	2532.65	864.65	-2380.48	0.00			
	9,238	11,773	90.0	290.0	100.00	2632.65	898.79	-2474.47	0.00			
	9,238	11,873	90.0	290.0	100.00	2732.65	932.93	-2568.46	0.00			
	9,238	11,973	90.0	290.0	100.00	2832.65	967.07	-2662.46	0.00			
	9,238	12,073	90.0	290.0	100.00	2932.65	1001.21	-2756.45	0.00			
	9,238	12,173	90.0	290.0	100.00	3032.65	1035.35	-2850.44	0.00			
	9,238	12,273	90.0	290.0	100.00	3132.65	1069.49	-2944.43	0.00			
	9,240	12,373	90.0	290.0	100.00	3232.65	1103.63	-3038.42	0.00	HORIZONTAL DISPLACEMENT		3000 FT

BASIC G&F HORIZONTAL WELL PLAN VIEW



MELBY 14-1H HORIZONTAL WELL CROSS SECTION





DATADRIL

Division of Smith International, Inc.

**REPORT
of
DIRECTIONAL WELL
SURVEY**

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2
SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
 BASIC GAME & FISH *142 34-3*
 SEC 2-T153N-R101W
 WILLIAMS COUNTY, N. DAK.
 OCTOBER 23, 1985

MSS
 13 DEGREES EAST

File Name: BESSSURWTD

***** RECORD OF SURVEY *****
 Calculated by Sii DATADRIL's C.A.D.D.S. System

Radius of Curvature Method

All Angles are Decimal

Vertical Section Plane: N 76.06 W

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	DOUBLES SEVERIT (DEG/100)
3000.00	1.00	N 51.89 W	0.00	2899.43	21.02 N 19.47 W	23.95	28.65	N 42.81 W	0.00
3298.00	1.00	S 85.00 W	298.00	3297.38	22.47 N 24.34 W	29.03	33.12	N 47.29 W	.25
3577.00	1.50	S 83.00 W	279.00	3576.32	21.83 N 30.39 W	34.75	37.42	N 54.31 W	.18
3978.00	.50	N 72.00 W	401.00	3977.25	22.50 N 37.30 W	41.62	43.56	N 58.91 W	.27
4034.00	1.75	N 89.00 W	56.00	4033.24	22.68 N 38.38 W	42.71	44.58	N 59.42 W	2.25
4074.00	3.50	S 73.00 W	40.00	4073.20	22.42 N 40.19 W	44.40	46.02	N 60.84 W	4.78
4167.00	6.00	S 81.00 W	93.00	4165.87	20.69 N 47.69 W	51.26	51.98	N 66.54 W	2.77
4260.00	8.00	S 79.00 W	93.00	4258.17	18.72 N 58.05 W	61.62	61.75	N 72.35 W	2.17
4353.00	9.00	S 80.00 W	93.00	4350.15	16.22 N 72.36 W	74.14	74.16	N 77.37 W	1.09
4445.00	10.25	S 80.00 W	92.00	4440.85	13.58 N 87.51 W	88.20	88.55	N 81.20 W	1.38
4538.00	10.00	S 83.00 W	93.00	4532.40	11.13 N 103.68 W	103.31	104.27	N 83.87 W	.63
4631.00	10.50	S 85.00 W	93.00	4623.92	9.40 N 120.14 W	118.87	120.50	N 85.52 W	.66
4787.00	11.50	N 85.00 W	156.00	4777.05	9.40 N 149.86 W	147.72	150.16	N 86.41 W	1.38
4880.00	11.50	N 85.00 W	93.00	4868.18	11.02 N 168.33 W	166.04	168.69	N 86.25 W	0.00
4963.00	12.00	N 79.00 W	83.00	4949.44	13.37 N 185.06 W	182.85	185.55	N 85.87 W	1.59
5057.00	13.75	N 67.00 W	94.00	5041.08	19.48 N 205.06 W	203.72	205.98	N 84.57 W	3.39
5164.00	14.00	N 63.00 W	107.00	5144.95	30.32 N 228.31 W	228.90	230.31	N 82.43 W	.93
5256.00	13.00	N 62.00 W	92.00	5234.41	40.24 N 247.36 W	249.77	250.61	N 80.76 W	1.12
5349.00	13.00	N 61.00 W	93.00	5325.03	50.22 N 265.74 W	270.02	270.45	N 79.30 W	.24
5440.00	13.00	N 59.00 W	91.00	5413.70	60.46 N 283.47 W	289.69	289.85	N 77.96 W	.49
5466.00	13.00	N 59.00 W	26.00	5439.03	63.47 N 286.48 W	295.28	295.38	N 77.59 W	0.00

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME V FISH 14-2

SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	D O G L E G SEVERITY (DEG/100')
5526.00	13.00	N 74.00 W	62.00	5499.44	69.02 N 301.24 W	308.97	309.04	N 77.10 W	5.43
5630.00	12.25	N 88.00 W	102.00	5598.97	72.49 N 323.20 W	331.15	331.23	N 77.36 W	.08
5691.00	11.50	N 90.00 W	61.00	5658.67	72.71 N 335.75 W	343.38	343.53	N 77.78 W	1.40
5753.00	12.00	S 85.00 W	62.00	5719.37	72.16 N 348.36 W	355.49	355.76	N 78.30 W	1.82
5875.00	11.25	S 86.00 W	122.00	5839.86	70.23 N 372.67 W	378.81	379.43	N 79.33 W	.64
5936.00	11.50	N 90.00 W	61.00	5898.67	69.81 N 394.69 W	390.38	391.17	N 79.72 W	1.36
6031.00	11.75	N 88.00 W	95.00	5991.72	70.15 N 404.03 W	409.04	410.07	N 80.15 W	.50
6124.00	12.00	N 83.00 W	93.00	6062.73	71.65 N 423.10 W	427.91	429.12	N 80.39 W	1.14
6217.00	11.25	N 82.00 W	93.00	6173.82	74.10 N 441.68 W	446.53	447.85	N 80.48 W	.84
6311.00	11.25	N 80.00 W	94.00	6266.01	76.96 N 459.79 W	464.80	466.19	N 80.50 W	.42
6403.00	11.00	N 79.00 W	92.00	6356.28	80.20 N 477.25 W	482.52	483.94	N 80.46 W	.34
6496.00	10.75	N 79.00 W	93.00	6447.61	83.55 N 494.47 W	500.05	501.48	N 80.41 W	.27
6590.00	10.75	N 79.00 W	94.00	6539.96	86.89 N 511.68 W	517.56	519.01	N 80.36 W	0.00
6683.00	11.00	N 77.00 W	93.00	6631.29	90.54 N 528.84 W	535.09	536.54	N 80.28 W	.49
6775.00	11.00	N 76.00 W	92.00	6721.60	94.64 N 545.91 W	552.65	554.05	N 80.17 W	.21
6869.00	11.25	N 75.00 W	94.00	6813.84	99.18 N 563.47 W	570.78	572.13	N 80.02 W	.34
6932.00	11.25	N 75.00 W	63.00	6875.63	102.36 N 575.34 W	583.07	584.38	N 79.91 W	0.00
7148.00	11.25	N 75.00 W	216.00	7087.48	113.27 N 616.05 W	625.20	626.37	N 79.58 W	0.00
7240.00	10.50	N 74.00 W	92.00	7177.82	117.91 N 632.77 W	642.55	643.66	N 79.45 W	.84
7333.00	9.25	N 73.00 W	93.00	7269.44	122.44 N 648.06 W	658.49	659.53	N 79.30 W	1.36
7395.00	9.25	N 74.00 W	62.00	7330.64	125.27 N 657.62 W	668.44	669.44	N 79.22 W	.26
7457.00	9.25	N 74.00 W	62.00	7391.83	128.01 N 667.20 W	678.40	679.37	N 79.14 W	0.00
7520.00	9.25	N 74.00 W	63.00	7454.01	130.80 N 676.93 W	688.52	689.46	N 79.06 W	0.00
7582.00	9.00	N 74.00 W	62.00	7515.23	133.51 N 686.39 W	698.35	699.25	N 78.99 W	.40
7680.00	9.50	N 78.00 W	98.00	7611.95	137.32 N 701.67 W	714.10	714.98	N 78.93 W	.83
7742.00	10.00	N 80.00 W	62.00	7673.06	139.33 N 711.97 W	724.58	725.48	N 78.93 W	.97
7804.00	10.00	N 83.00 W	62.00	7734.12	140.92 N 722.62 W	735.30	736.23	N 78.97 W	.84
7866.00	10.00	N 86.00 W	62.00	7795.17	141.95 N 733.34 W	745.95	746.95	N 79.04 W	.64
7928.00	10.75	N 87.00 W	62.00	7856.16	142.63 N 744.48 W	756.93	758.02	N 79.15 W	1.24
7991.00	11.25	N 87.00 W	63.00	7918.00	143.26 N 756.48 W	768.73	769.93	N 79.28 W	.78
8064.00	12.00	N 90.00 W	93.00	8009.09	143.75 N 775.22 W	787.03	788.43	N 79.49 W	1.04
8176.00	13.00	S 89.00 W	92.00	8098.91	143.58 N 795.13 W	806.32	807.99	N 79.76 W	1.11
8238.00	13.50	S 88.00 W	62.00	8159.26	143.21 N 809.33 W	820.02	821.90	N 79.97 W	.89

SII DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14
34-3

SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E		DOGLEG SEVERITY (DEG/100')
								DISTANCE (FT)	DIRECTION (DEG)	
8330.00	15.00	S 88.00 W	92.00	8248.43	142.42 N	831.96 W	841.79	844.07	N 80.29 W	.63
8392.00	16.00	S 88.00 W	82.00	8308.17	141.84 N	840.52 W	857.73	860.30	N 80.51 W	.61
8461.00	16.00	S 88.00 W	89.00	8393.72	140.98 N	873.04 W	881.32	884.35	N 80.83 W	0.00
8573.00	16.00	S 89.00 W	92.00	8482.16	140.32 N	898.39 W	905.76	909.28	N 81.12 W	.30
8667.00	15.25	S 89.00 W	94.00	8572.69	139.88 N	923.70 W	930.23	934.23	N 81.39 W	.80
8729.00	15.25	N 90.00 W	62.00	8632.50	139.73 N	940.01 W	946.02	950.34	N 81.54 W	.42

SMITH DRILLING SYSTEMS DRILLER RELEASED

8916.00	14.00	N 90.00 W	187.00	9813.44	139.73 N	987.23 W	981.85	997.07	N 81.94 W	.67
9010.00	13.00	N 88.00 W	94.00	8904.84	140.12 N	1009.16 W	1013.24	1018.85	N 82.10 W	1.17
9072.00	13.00	N 86.00 W	62.00	8965.25	140.85 N	1023.09 W	1026.93	1032.74	N 82.16 W	.73
9150.00	12.25	N 87.00 W	88.00	9051.12	142.02 N	1042.29 W	1045.85	1051.92	N 82.24 W	.89
9224.00	12.00	N 85.00 W	64.00	9113.70	142.96 N	1055.70 W	1059.09	1065.33	N 82.29 W	.76
9271.00	12.00	N 86.00 W	47.00	9159.67	143.72 N	1065.44 W	1068.73	1075.09	N 82.32 W	.44
9323.00	11.50	N 86.00 W	52.00	9210.58	144.46 N	1076.00 W	1079.16	1085.66	N 82.35 W	.96
9384.00	11.75	N 85.00 W	61.00	9270.33	145.43 N	1088.26 W	1091.28	1097.93	N 82.39 W	.53
9447.00	11.75	N 85.00 W	63.00	9332.01	146.55 N	1101.04 W	1103.96	1110.75	N 82.42 W	0.00
9503.00	11.75	N 86.00 W	56.00	9386.83	147.44 N	1112.41 W	1115.21	1122.14	N 82.45 W	.36
9545.00	11.50	N 84.00 W	42.00	9427.97	148.10 N	1120.84 W	1123.57	1130.59	N 82.47 W	1.13
9614.00	11.50	N 83.00 W	69.00	9495.59	149.74 N	1134.51 W	1137.21	1144.34	N 82.48 W	.29
9686.00	12.25	N 83.00 W	72.00	9566.05	151.54 N	1149.21 W	1151.92	1159.16	N 82.49 W	1.04

BOTTOM HOLE CLOSURE: 1159.16 Feet at N 82 Degrees 29 Minutes 16 Seconds W

Rec'd 9234 BHL 535' fsl + 564' fwl

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2
SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

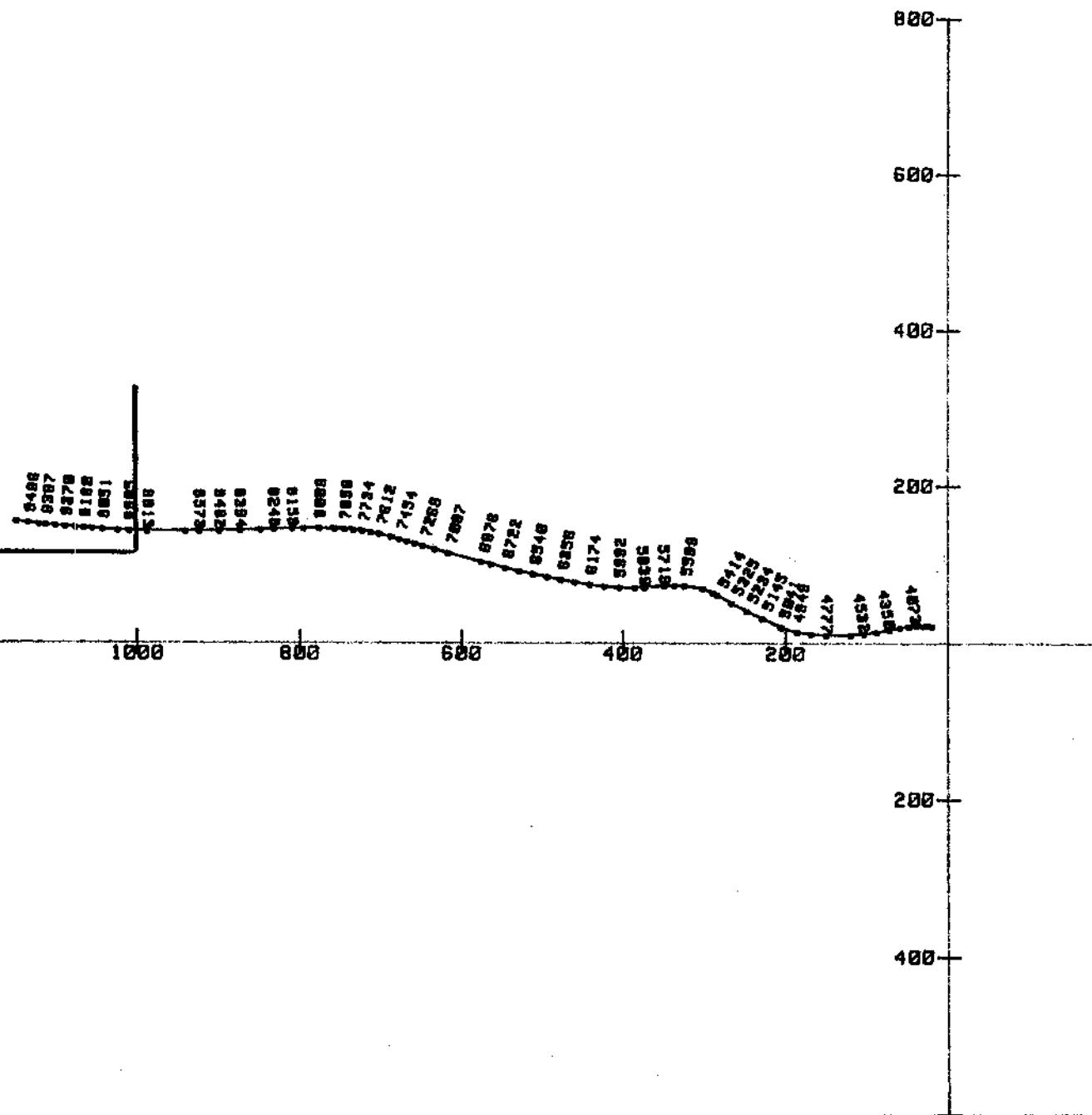
SMITH **DATA DRILL**
Division of Smith International, Inc.

HORIZONTAL PLOT



SCALE: 200 FEET/INCH

BHL: 1159 FEET
e N 82.49 W
TVD: 9566 FEET
MD: 9686 FEET

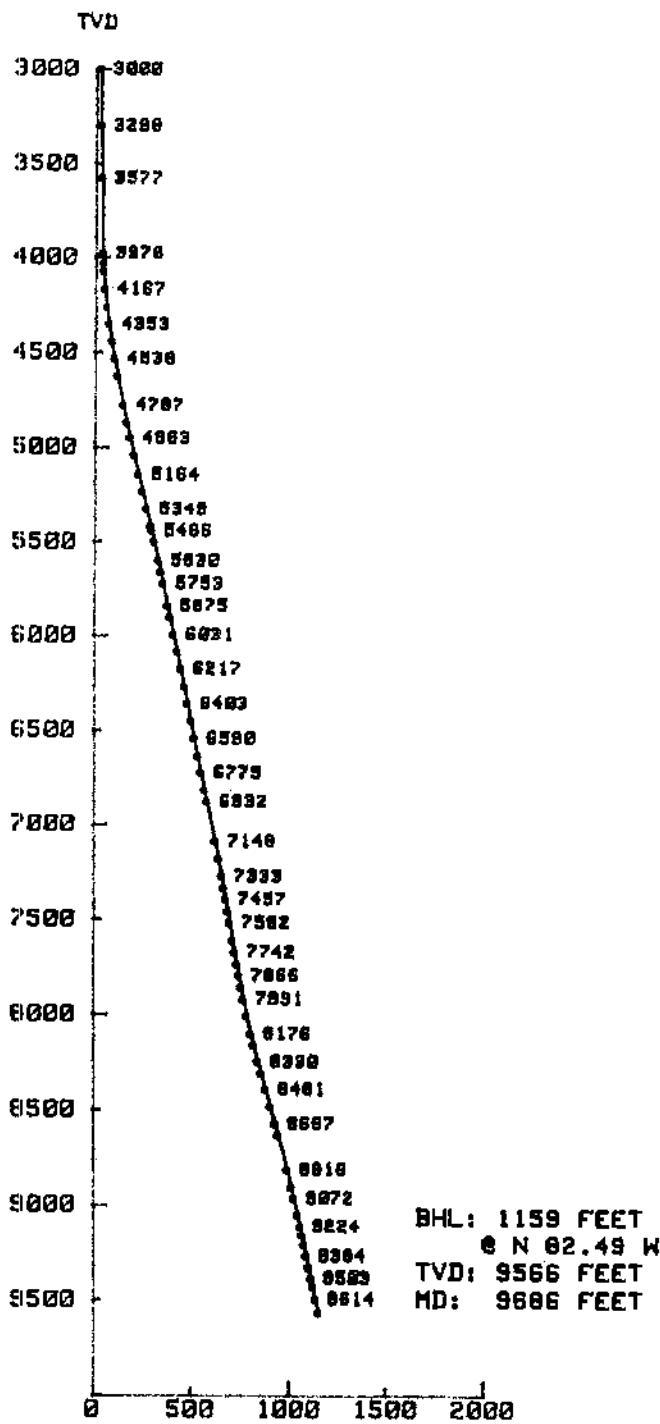


BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2
SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

SMITH **DATA DRILL**
Division of Smith International, Inc.

VERTICAL PLOT

SCALE: 1000 FEET/INCH



VERTICAL SECTION
SECTION PLANE: N 76.08 W

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
GAME AND FISH 34-3
WILLIAMS COUNTY, NORTH DAKOTA
SKUNK HOLLOW FIELD
OCTOBER 30, 1985

GYROSCOPIC MULTI-SHOT SURVEY
0 - 3000'

FILE NAME: BESSGYRSUR

***** RECORD OF SURVEY *****
Calculated by Sii DATADRIL's C.A.D.D.S. System

Radius of Curvature Method
All Angles are Decimal
Vertical Section Plane: N 76.08 W

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	DIRECTION (DEG)	DOGLEG SEVERITY (DEG/100)
0.00	0.00	N 0.00 E	0.00	0.00	0.00 N 0.00 E	0.00	0.00	N 0.00 E	0.00
100.00	0.00	N 0.00 E	100.00	100.00	0.00 N 0.00 E	0.00	0.00	N 0.00 E	0.00
200.00	0.00	N 0.00 E	100.00	200.00	0.00 N 0.00 E	0.00	0.00	N 0.00 E	0.00
300.00	.25	S 33.00 E	100.00	300.00	.18 S .12 E	-.16	.22	S 33.00 E	.25
400.00	0.00	N 0.00 E	100.00	400.00	.37 S .24 E	-.32	.44	S 33.00 E	.25
500.00	0.00	N 0.00 E	100.00	500.00	.37 S .24 E	-.32	.44	S 33.00 E	0.00
600.00	0.00	N 0.00 E	100.00	600.00	.37 S .24 E	-.32	.44	S 33.00 E	0.00
700.00	.75	S 49.49 E	100.00	700.00	.79 S .74 E	-.90	1.08	S 42.90 E	.75
800.00	.75	S 79.54 E	100.00	799.99	1.35 S 1.90 E	-2.17	2.33	S 54.70 E	.39
900.00	.75	S 86.62 E	100.00	899.98	1.51 S 3.20 E	-3.47	3.54	S 64.82 E	.09
1000.00	.50	S 84.88 E	100.00	999.97	1.59 S 4.29 E	-4.55	4.57	S 69.71 E	.25
1100.00	1.00	S 79.97 E	100.00	1099.96	1.76 S 5.59 E	-5.85	5.86	S 72.53 E	.50
1200.00	1.00	N 30.98 E	100.00	1199.95	1.08 S 7.08 E	-7.13	7.16	S 81.34 E	1.13
1300.00	1.00	N 29.94 E	100.00	1299.93	.43 N 7.97 E	-7.63	7.98	N 86.94 E	.02
1400.00	1.00	N 36.89 E	100.00	1399.92	1.88 N 8.93 E	-8.21	9.12	N 78.09 E	.12
1500.00	1.00	N 16.15 W	100.00	1499.90	3.54 N 9.23 E	-8.11	9.88	N 69.02 E	.89
1600.00	.75	N 39.14 W	100.00	1599.89	4.88 N 6.53 E	-7.10	9.82	N 60.20 E	.47
1700.00	.75	N 27.97 W	100.00	1699.88	5.97 N 7.80 E	-6.14	9.83	N 52.58 E	.15
1800.00	.75	N .09 E	100.00	1799.87	7.23 N 7.49 E	-5.53	10.41	N 46.02 E	.36
1900.00	1.00	N 53.85 W	100.00	1899.86	8.54 N 6.83 E	-4.57	10.93	N 38.63 E	.82
2000.00	1.25	N 59.79 W	100.00	1999.84	9.62 N 5.18 E	-2.72	10.92	N 28.33 E	.28

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
GAME AND FISH 34-3

WILLIAMS COUNTY, NORTH DAKOTA
SKUNK HOLLOW FIELD

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	BOGLE'S SEVERITY (DEG/100')
2100.00	1.50	N 56.73 W	100.00	2099.81	10.88 N 3.14 E	- .43	11.32	N 16.11 E	.26
2200.00	2.00	N 52.39 W	100.00	2199.77	12.65 N .65 E	2.41	12.66	N 2.96 E	.52
2300.00	2.25	N 57.33 W	100.00	2299.70	14.78 N 2.38 W	5.86	14.97	N 9.13 W	.31
2400.00	2.25	N 70.27 W	100.00	2399.62	16.51 N 5.89 W	9.69	17.53	N 19.84 W	.51
2500.00	2.00	N 64.22 W	100.00	2499.55	17.94 N 9.31 W	13.35	20.22	N 27.42 W	.34
2600.00	1.50	N 89.17 W	100.00	2599.51	18.64 N 12.26 W	16.38	22.31	N 33.33 W	.90
2700.00	1.00	N 84.06 W	100.00	2699.48	18.77 N 14.43 W	18.53	23.68	N 37.56 W	.51
2800.00	1.25	N 79.00 W	100.00	2799.46	19.06 N 16.38 W	20.48	25.13	N 40.67 W	.27
2900.00	1.00	N 48.95 W	100.00	2899.44	19.91 N 18.12 W	22.38	26.92	N 42.30 W	.53
3000.00	1.00	N 51.89 W	100.00	2999.43	21.02 N 19.47 W	23.95	28.65	N 42.80 W	.05

BOTTOM HOLE CLOSURE: 28.65 Feet at N 42 Degrees 47 Minutes 49 Seconds W



SUNDY NOTICES AND REPORTS ON WELLS - FORM 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFS 5749 (07-2000)

Well File No.
11745



PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND THREE COPIES.

<input checked="" type="checkbox"/> Notice of Intent	Approximate Start Date 10-1-02	<input type="checkbox"/> Drilling Prognosis	<input type="checkbox"/> Spill Report
<input type="checkbox"/> Report of Work Done	Date Work Completed	<input type="checkbox"/> Redrilling or Repair	<input type="checkbox"/> Shooting
<input type="checkbox"/> Notice of Intent to Begin a Workover Project that may Qualify for a Tax Exemption Pursuant to NDCC Section 57-51.1-03.	Approximate Start Date	<input type="checkbox"/> Casing or Liner	<input checked="" type="checkbox"/> Acidizing
		<input type="checkbox"/> Plug Well	<input type="checkbox"/> Fracture Treatment
		<input type="checkbox"/> Supplemental History	<input type="checkbox"/> Change Production Method
		<input type="checkbox"/> Temporarily Abandon	<input type="checkbox"/> Reclamation
		<input checked="" type="checkbox"/> Other	Drill Horizontal Lateral

Well Name and Number BASIC GAME & FISH 34-3					
Footages 392 F S L	494 F W L	Qtr-Qtr SWSW	Section 2	Township 153 N	Range 101 W
Field BAKER	Pool MADISON	County McKENZIE			

24-HOUR PRODUCTION RATE			
Before		After	
Oil	Bbls	Oil	Bbls
Water	Bbls	Water	Bbls
Gas	MCF	Gas	MCF

Name of Contractor(s) To Be Determined			
Address		City	State
			Zip Code

DETAILS OF WORK

As addendum to our request to sidetrack and drill a horizontal well:

Attached is a survey plat for Section 3 showing interior dimensions.

A check for \$50.

The well will be surveyed every 30' during sidetracking, and every 90' in the horizontal lateral.

Nance Petroleum Corporation requests "Tight Hole" status for this operation.

Company NANCE PETROLEUM CORPORATION		Telephone Number (406)245-6248
Address P. O. BOX 7168		
City BILLINGS		State MT
Signature 		Printed Name Loren W. Prigan
Title Engineering Tech		Date September 9, 2002

FOR STATE USE ONLY	
<input type="checkbox"/> Received	<input checked="" type="checkbox"/> Approved
Date SEP 16 2002	
By 	
Title Horizontal Drilling Supervisor	

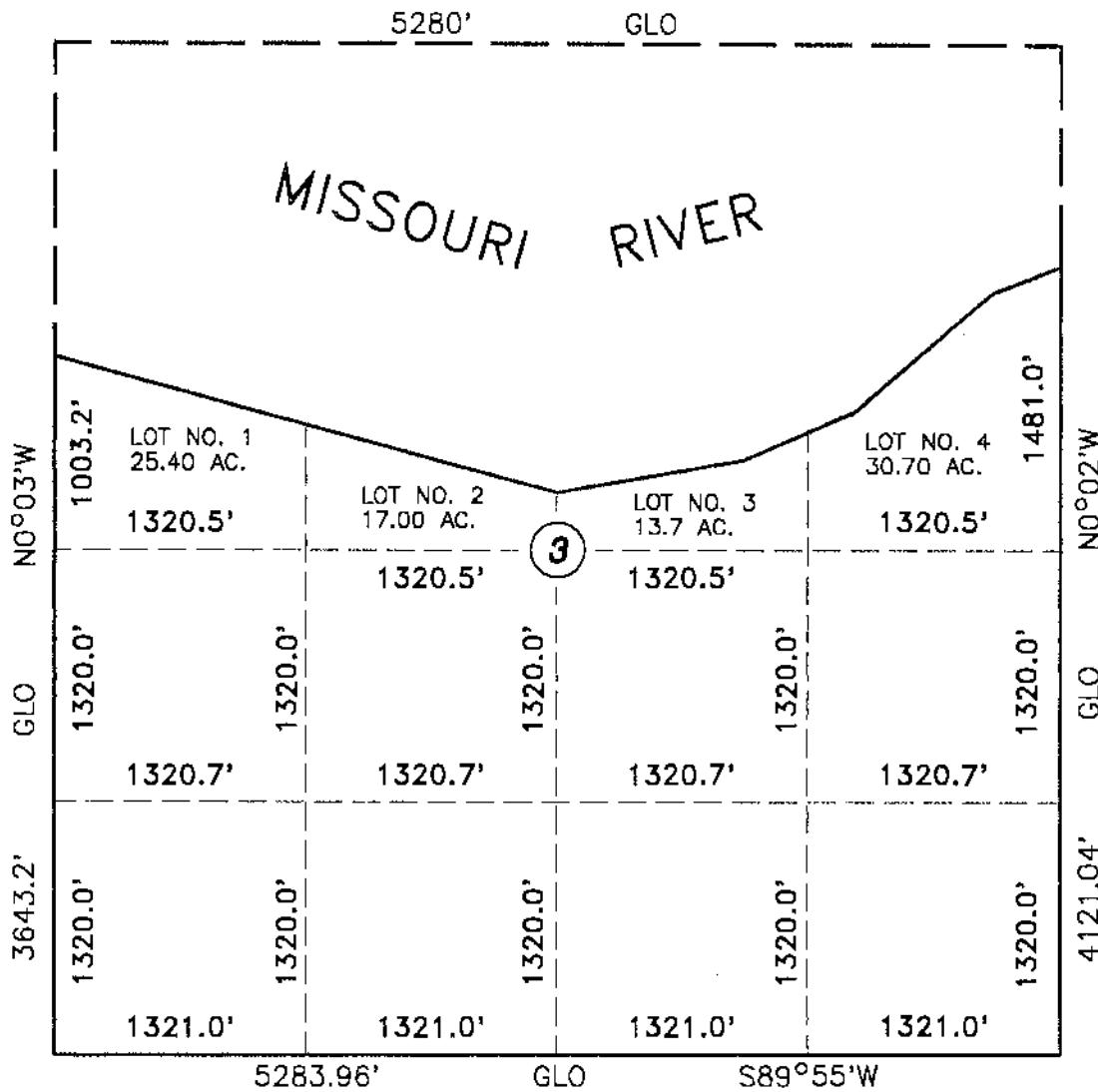
ND

NORTH DAKOTA - SUPPLEMENTAL PLAT

ND

Applicant NANCE PETROLEUMWell Name & No. BASIC GAME AND FISH 34-3H

Section 3, T153N, R101W, 5th. P.M., MCKENZIE County, North Dakota



I HEREBY CERTIFY THAT THIS SUPPLEMENTAL PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. NOT A FIELD SURVEY

GLO INFORMATION DERIVED FROM GLO PLATS DATED MAR. 30, 1901.

ND

LEO J. HORGAN RLS# 2883



DATE OF PLAT:

09/05/2002

JOB NO. 02-212 DRWG. NO. DAKOTAF

ND

AmeriTech Engineering Corporation

WILLISTON ND BELFIELD ND

CERTIFICATE OF AUTHORIZATION # C-171

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

September 18, 2002

Mr. Gary Evertz
Nance Petroleum Corp.
P. O. Box 7168
Billings, MT 59103

RE: CONFIDENTIAL STATUS
Basic Game & Fish #34-3
SW SW 2-153N-101W
McKenzie Co.
Baker Field
Well File #11745

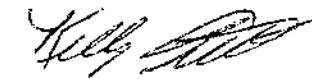
Dear Mr. Evertz:

Your request for confidential status of all information furnished to the Director, or his representatives, is hereby granted. Such information, except production runs, shall remain confidential until March 16, 2003.

Confidential status notwithstanding, the Director and his representatives shall have access to all well records wherever located. Your company personnel, or any person performing work for your company shall permit the Director and his representatives to come upon any lease, property, well, or drilling rig operated or controlled by them, complying with all safety rules, to inspect the records and operation of such wells and to have access at all times to any and all records of wells.

The Commission's field personnel periodically inspect producing and drilling wells. Any information regarding such wells shall be made available to them at any time upon request. The information so obtained by the field personnel shall be maintained in strict confidence and shall be available only to the Commission and its staff.

Sincerely,



Kelly Triplett
Horizontal Drilling Supervisor

KT/db
Enc.

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

September 18, 2002

Mr. Gary Evertz
Nance Petroleum Corp.
P. O. Box 7168
Billings, MT 59103

RE: HORIZONTAL RE-ENTRY
Basic Game & Fish #34-3
SW SW 2-153N-101W
McKenzie Co.
Baker Field
Well File #11745

Dear Mr. Evertz:

Pursuant to Commission Order No. 9261, approval to deviate the well bore of the above captioned well is hereby given.

The approval is granted on the condition that all portions of the well bore not isolated by cement, be no closer than 500 feet from the spacing unit boundary consisting of the S2 of Section 3-153N-101W. Inaccuracy of the survey equipment must be considered when determining compliance with setbacks.

A directional survey of the well showing the location of the well bore shall be filed with the Industrial Commission within 30 days after completion of the well. Such survey must be certified by a representative of the survey contractor and mailed directly to us by the contractor. Survey points shall be of such frequency to accurately determine the entire location of the well bore.

Sincerely,



Kelly Triplett
Horizontal Drilling Supervisor

KT/db
Enc.

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

September 18, 2002

Mr. Gary Evertz
Nance Petroleum Corp.
P. O. Box 7168
Billings, MT 59103

RE: PERMIT RE-ENTRY
Basic Game & Fish #34-3
SW SW 2-153N-101W
McKenzie Co.
Baker Field
Well File #11745

Dear Mr. Evertz:

Enclosed is the above captioned application, Check #M8850 in the amount of \$50.00 was received. It is requested that notification be given immediately upon the re-entry of the well. This information should be relayed to the Oil & Gas Division, Bismarck, via telephone. The following information must be included: Well name, legal location, permit number, drilling contractor, company representative, date and time of re-entry. Office hours are 8:00 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m. Central Time. Our telephone number is (701) 328-8020.

Please be advised that conditions may be imposed on the use and reclamation of a drilling reserve pit on this site if specific site conditions warrant.

Sincerely,



Kelly Triplett
Horizontal Drilling Supervisor

KT/db
Enc.

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA

OIL AND GAS DIVISION

600 EAST BOULEVARD DEPT 405

BISMARCK, ND 58505-0840

SFN 5698 (03-2000)

Well File No.

11745

NDIC CTB No.

11745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES.



Well Name and Number BASIC GAME & FISH 34-3	Qu-Qt# SWSW-183	Section 153 N	Township 101 W	Range McKENZIE
Operator NANCE PETROLEUM CORPORATION	Telephone # 406-245-6248	Field BAKER		
Address P O BOX 7168	City BILLINGS	State MT	Zip Code 59103-7168	

Name of First Purchaser Nexen Marketing USA, Inc.	Telephone # 403-699-4059	% Purchased 100	Date Effective July 1, 2002
Principal Place of Business 1700 801 7th Ave SW 5660 Greenwood Plaza Blvd #203	City Greenwood Village	State Calgary AB	Zip Code T2P 3P7
Field Address PO Box 567	City Plentywood	State MT	Zip Code 59254
Name of Transporter Diamond B Oilfield Trucking (TR)	Telephone Number 406-765-1376	% Transported 100	Date Effective July 1, 2002
Address PO Box 567	City West Hope	State MT ND	Zip Code 58793
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments	0	

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.	Date June 14, 2002
---	------------------------------

Signature 	Printed Name Gary L. Evertz	Title VP Operations
---------------	---------------------------------------	-------------------------------

Above Signature Witnessed By 	Witness Signature 	Witness Printed Name Valeri Kaae	Witness Title Operations Assistant
----------------------------------	-----------------------	--	--

FOR STATE USE ONLY	
Date Approved JUL 2 2002	
By Title 	

AUTHORIZATION TO PURCHASE AND TRANSPORT OIL FROM LEASE - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA

OIL AND GAS DIVISION

600 EAST BOULEVARD DEPT 405

BISMARCK, ND 58505-0840

SFN 5698 (03-2000)

Well File No.

11745

NDIC CTB No.

111745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND FOUR COPIES.

Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr SWSW	Section 28	Township 153 N	Range 101 W	County MCKENZIE
Operator NANCE PETROLEUM CORPORATION	Telephone # 406-245-6248	Field BAKER			
Address P O BOX 7168	City BILLINGS		State MT	Zip Code 59103-7168	

Name of First Purchaser Tesoro Refining & Marketing Company	Telephone # 720-744-9315	% Purchased 100	Date Effective February 1, 2002
Principal Place of Business 1225 17th St., Ste 1800	City Denver	State CO	Zip Code 80202
Field Address HC 56 Box 605 1A	City Sidney	State MT	Zip Code 59270
Name of Transporter <i>High Plains Pipeline Co.</i> Tesoro Refining & Marketing Company (TP)	Telephone Number 406-482-4841	% Transported 100	Date Effective February 1, 2002
Address HC 56 Box 605 1A 1225 17th St Ste 1800	City Sidney	State MT	Zip Code 80202
The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.			

Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Comments BP AMOCO sold to Tesoro Refining & Marketing Company		

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.	Date February 1, 2002
---	---------------------------------

Signature <i>Gary Evertz</i>	Printed Name Gary L. Evertz	Title VP Operations
---------------------------------	---------------------------------------	-------------------------------

Above Signature Witnessed By <i>Jeanette Magstadt</i>	Witness Signature <i>Jeanette Magstadt</i>	Witness Printed Name Jeanette Magstadt	Witness Title Operations Assistant
--	---	--	--

FOR STATE USE ONLY	
Date Approved FEB 8 2002	
By <i>Sheila Chaughamay</i>	
Title <i>Oil Prod Analyst</i>	



**PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE - FORM 8**
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION

SFN 5698 (2-92)

: Well File Number

11745

: NDIC CTB Number

11745

INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E.
Boulevard Avenue, Bismarck, ND 58505

34-3

WELL	BASIC GAME & FISH	(Q/Q)	SWSW	(SEC.)	3 (TWP.)	153N	(RGE.)	101W	COUNTY	MCKENZIE
PRODUCER:	Nance Petroleum Corporation			FIELD	BAKER		POOL		MADISON	

ADDRESS CORRESPONDENCE TO: GARY L. EVERTZ, Nance Petroleum Corporation
550 N. 31ST STREET, SUITE 500, P. O. BOX 7168, BILLINGS, MT 59103

Name of First Purchaser	AMOCO PRODUCTION COMPANY	% Purchased :	Date Effective
		100	May 1, 2000

Principal Place of Business	1670 Broadway, Ste 1104, Denver, CO 80201 <i>PO Box 21578 Tulsa OK 74121</i>		
-----------------------------	---	--	--

Field Address	1670 Broadway, Ste 1104, Denver, CO 80201		
---------------	---	--	--

Name of Transporter	BP AMOCO PRODUCTION COMPANY	% Transported :	Date Effective
Address	1670 Broadway, Ste 1104, Denver, CO 80201 <i>4502 E 41st St. Suite 300 Tulsa OK 74105</i>	100	May 1, 2000

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporters Transporting From This Lease		% Transported :	Date Effective

Other First Purchasers Purchasing From This Lease		% Purchased	Date Effective

Remarks

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature

Title
Engineer

Date

April 24, 2000

State of Montana
County of Yellowstone

On April 24, 2000

, Gary L. Evertz, known to me to be the person described in and who executed the foregoing instrument,

personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

Notary Public

My Commission Expires

AUGUST 21, 2000



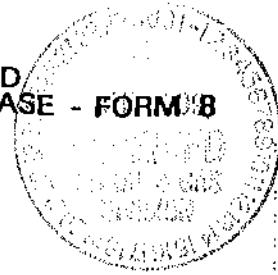
APPROVED BY:

Date:

JUN 19 2000



PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE - FORM #8
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5698 (2-92)



INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E.
Boulevard Avenue, Bismarck, ND 58505

34-3
WELL BASIC GAME & FISH (Q/Q) SWSW (SEC.) 12 (TWP.) 153N (RGE.) 101W COUNTY MCKENZIE
PRODUCER: Nance Petroleum Corporation FIELD BAKER POOL MADISON

ADDRESS CORRESPONDENCE TO: GARY L. EVERTZ, Nance Petroleum Corporation
550 N. 31ST STREET, SUITE 500, P. O. BOX 7168, BILLINGS, MT 59103

Name of First Purchaser	ROTT ENERGY OPERATING LIMITED PARTNERSH	% Purchased :	Date Effective
Principal Place of Business	P O BOX 4666, HOUSTON, TX 77210-4666	: 100	June 1, 1999
Field Address	P O BOX 4666, HOUSTON, TX 77210-4666		
Name of Transporter Address	ROTT ENERGY OPERATING LIMITED PARTNERSH P O BOX 4666, HOUSTON, TX 77210-4666	: % Transported :	Date Effective

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporter: Transporting From This Lease : % Transported : Date Effective

Other First Purchasers Purchasing From This Lease : % Purchased Date Effective

Remarks
Name change Panterra Petroleum to NANCE PETROLEUM CORPORATION

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature

Title
Engineer

Date

June 30, 1999

State of Montana
County of Yellowstone

On June 30, 1999, Gary L. Evertz, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

Notary Public

My Commission Expires

AUGUST 21, 2000

APPROVED BY: Mark Bohm

Date: AUG 2 1999

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11/14/95

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

August 2, 1999

Jan Magstadt
Nance Petroleum Corp.
P.O. Box 7168
Billings, MT 59103-7168

RE: PRINCIPAL NAME CHANGE FROM PANTERRA PETROLEUM TO
NANCE PETROLEUM CORPORATION
\$100,000 Bond; Bond No. B01936
Underwriters Indemnity Co.

Dear Jan:

This office is in receipt of your request to change the principal name of Panterra Petroleum to Nance Petroleum Corporation.

This office is also in receipt of the rider for the above-captioned bond accepting liability of the five (5) wells covered by bond no. B01314.

This letter will verify the principal name change from Panterra Petroleum to Nance Petroleum Corporation, the transfer of the five (5) wells from bond no. B01314 to bond no. B01936 and termination of Nance Petroleum Corp. \$50,000 Bond; Bond No. B01314, Underwriters Indemnity Co. effective this date.

Please feel free to contact this office if you should have any questions.

Sincerely,

Marge

Marge Rixen
Legal Assistant

/mr

cc: Underwriters Indemnity Co.
8 Greenway Plaza, Ste. 400
Houston, TX 77046

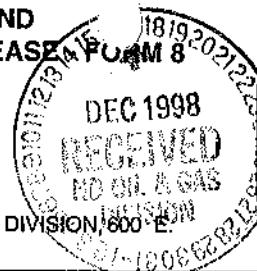


**PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE**
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION

SFN 5698 (7-92)

INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E. Boulevard Avenue, Bismarck, ND 58505.



Well File Number	11745
INDIC CTB Number	111745

Well Name and Number BASIC GAME & FISH 34-3	Qtr-Qtr	Section	Township	Range	County MC KENZIE
Company Name PANTERRA PETROLEUM	Field BAKER				
Address P.O. BOX 7168	City BILLINGS		State MT	Zip Code 59103	

Name of First Purchaser EOTT ENERGY OPERATING LIMITED PARTNERSHIP	% Purchased 100%	Date Effective 12/1/98	
Principal Place of Business P O Box 4666	City Houston	State TX	Zip Code 77210-4666
Field Address	City HOUSTON	State TX	Zip Code 77210-4666
Name of Transporter EOTT ENERGY OPERATING LIMITED PARTNERSHIP	% Transported 100.00	Date Effective 12/01/98	
Address P O BOX 4666	City HOUSTON	State TX	Zip Code 77210-4666

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporters Transporting From This Lease	% Transported	Date Effective
Other Transporters Transporting From This Lease	% Transported	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective
Other First Purchasers Purchasing From This Lease	% Purchased	Date Effective

Remarks

Sale of certain oil marketing, transportation and pipeline gathering assets: Koch Oil Company to EOTT Energy Operating Limited Partnership.

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the _____.

Signature <i>Terry Holzwart</i>	Title Engineer	Date DEC 11 1998
------------------------------------	--------------------------	----------------------------

STATE OF Montana) Notary
COUNTY OF Yellowstone) Seal
) SS

On 12/11, 19 98, Terry S. Holzwarth, known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

Janeth Holzwart
Notary Public
Billings, MT

My commission expires 8/21/00

FOR OFFICE USE ONLY

Approved By <i>Charles A. Koch</i>	Title Any Officer	Date 12/31/98
---------------------------------------	-----------------------------	-------------------------

NORTH D. KOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION N

11745

Wesley D. Norton
DIRECTOR

P.E. Wilborn
ASSISTANT DIRECTOR

February 6, 1998

Gary Evertz
Panterra Petroleum
P.O. Box 7168
Billings, MT 59103-7168

RE: Workover Project Determination
Basic Game & Fish #34-3
SW SW Sec. 2-T153N-R101W
Well File #11745

Dear Mr. Evertz:

On June 30, 1997, Panterra Petroleum filed a notice of intent to begin a workover project on the above listed well with the North Dakota Industrial Commission. The workover project was completed on September 16, 1997 and meets the requirements set forth in North Dakota Century Code Section 57-51.1-03.

The workover project was performed from September 9, 1997 to September 16, 1997. The total cost of the project was \$29,075. The average daily production prior to commencement of the workover project from December 1996 through May 1997 was 23.5 barrels of oil per day. The average daily production during the first sixty days after completion of the workover project was 38.7 barrels of oil per day.

Therefore, it is determined the above listed well qualifies as a workover project for tax exemption purposes. The Commission shall have continuing jurisdiction, and shall have the authority to review the matter. The determination may be amended or rescinded by the Commission for good cause.

Sincerely,



Kent Fetzer
Petroleum Engineer

KF/dh

cc: Tax Dept.



SUNDRY NOTICE AND REPORTS ON WELLS - FORM
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SPN 5749 (1-94)

Well File Number

11745

800 East Boulevard
Bismarck, ND 58505

PLEASE READ INSTRUCTIONS ON BACK OF FORM

- Notice of Intent
Approximate Start Date _____
- Report of Work Done
Date Work Completed _____

- Drilling Prognosis FEB 1998 Spill Report
 Redrilling or Repair Shooting
 Casing or Liner Acidizing
 Plug Well Fracture Treatment
 Supplemental History Change Producing Method
 Temporarily Abandon Reclamation
 Other Workover Exemption

Well Name and Number

Basic Game & Fish 34-3

Footages	Qtr-Qtr	Section	Township	Range
Surface 392' FSL & 494' FWL	SWSW	2	153N	101W
Field Baker	Pool Madison	County McKenzie		

24 HOUR PRODUCTION RATE

BEFORE	AFTER
Oil	Oil
Water	Water
Gas	Gas

Name of Contractor

Address

City

State

Zip Code

DETAILS OF WORK

APPLICATION FOR WORKOVER PROJECT DETERMINATION (43-02-09-04)

- Enclosed: \$100.00
- PANTERRA PETROLEUM, P. O. Box 7168, Billings, MT 59103-7168
- Well name and legal - as above.
- Dates workover project performed: 9/9/97 to 9/16/97.
- AFE cost detail attached. Final cost: \$29,075.18.
- Detail of all work done: see attached Sundry Notice - Form 4.
- Average daily oil production first 60 days: 35.6 BOPD Before 23.7 BOPD.
See average before and after attached.
- Gauge tickets of oil produced during the first two months after completion of the workover and volume of oil stored on the well premises prior to workover (attached).

Company

PANTERRA PETROLEUM

Address

P. O. Box 7168

City

Billings

State

MT

Zip Code

59103-7168

By

Sam E. Evans

Date

2/2/98

Title

Operations Manager

Telephone Number

(406) 245-6248

FOR OFFICE USE ONLY

 Received Approved

Date

2-6-98

By

Kurt Fored

Title

Panterra

Basic Game & Fish - Six months production

1996

December 722

1997

January 762

February 660

March 648

April 796

May 705

4293 ./ . 181 23.7
11.9 +50%
35.6

$$4293 / 365 / 2 = 23.5$$

$$704.08 + 999.83 / 44 = 38.7$$

$$38.7 / 23.5 = 1.647$$

64.7%

1997

Sept.

17	61.62
18	53.36
19	64.89
20	65.06
21	56.2
22	51.59
23	51.58
24	47.64
25	43.22
26	46.66
27	43.3
28	40.67
29	31.71
30	46.58

Oct.

1	38.27
2	3.3
3	58.53
4	33.46
5	37.04
6	38.47
7	34.91
8	36.57
9	36.7
10	34.97
11	33.32
12	36.6
13	34.95
14	29.92
15	32.73
16	28.44
17	36.59
18	29.91
19	33.33
20	28.37
21	28.62
22	30.16
23	30.02
24	24.82
25	28.26
26	36.87
27	31.37
28	31.71
29	29.99
30	
31	51.63

Nov.

1	39.22
2	29.1
3	31.62
4	29.94
5	28.35
6	25.95
7	30.05
8	24.94
9	26.59
10	29.97
11	28.4
12	24.94
13	33.96
14	21.78
15	26.8
	2135.52

704.08

999.83

44.28

First 2 Mo Prod

2135.52 / 60

= 35.6

7/09/96 8:29:47 06R9106

PAGE 1

REQUESTED BY: MOBILIC OIL CORP

PANTERRA PETROLEUM

ACTIVIZE MISSION CANYON PERCS

CO. : P

A.F.C. #: 135

FROM 5/01/96 THRU 7/31/96

ENTITY #: 617

BY OCCUR DATE

BASIC PAY & FISH 34.3

MAJOR AMOUNT	MINOR DESCRIPTION	DATE	7/09/96 CHARGES	ORIGINAL BUDGET	SUPPLEMENTAL BUDGET	AMOUNT VARIANCE	PERCENT VARIANCE
1660 0100 LOCATION, ROADS, PERMITS			,00	500.00	,00	500.00	,0
1660 0200 AFE 135 - ACIDIZE REAGENT		9/09/16	9,407.84	VENDOR NAME	H & I WELL SERVICE INDI GROUP/DON 0-00		
1660 0200 COMPLETION UNIT			9,407.84	16,000.00	,00	6,592.16	39.2
1660 0300 AFE 125		9/09/09	362.00	VENDOR NAME	THE WELL SERVICING INDI GROUP/DON 0-00		
1660 0300 AFE 135 - PT. TBS		9/09/13	103.35	VENDOR NAME	H B & R INC. DOI GROUP/DON 0-00		
1660 0300 AFE 135 - TREAT OIL		9/09/13	583.85	VENDOR NAME	H B & R INC. DOI GROUP/DON 0-00		
1660 0300 AFE 135		9/09/20	1,255.61	VENDOR NAME	BIG HILLS TRUCKING DOI GROUP/DON 0-00		
1660 0300 WATER SOURCE, HAULING			2,304.81	2,500.00	,00	195.19	7.8
1660 0450 AFE 135 - PICKLE TBS		9/09/10	2,743.72	VENDOR NAME	HALLIBURTON SERVICES DOI GROUP/DON 0-00		
1660 0450 AFE 135		9/09/11	6,917.08	VENDOR NAME	HALLIBURTON SERVICES DOI GROUP/DON 0-00		
1660 0450 STIMULATION FRAC/ACID			8,660.00	9,000.00	,00	339.80	3.8
1660 0500 AFE 135 - HAUL TANKS		9/09/09	294.40	VENDOR NAME	H B & R INC. DOI GROUP/DON 0-00		
1660 0500 AFE 135 - TANKS		9/09/10	162.00	VENDOR NAME	H B & R INC. DOI GROUP/DON 0-00		
1660 0500 AFE 135 - PGR		9/09/10	1,653.40	VENDOR NAME	HALLIBURTON SERVICES DOI GROUP/DON 0-00		
1660 0500 AFE 135 - REDRESS TAC		9/09/11	204.33	VENDOR NAME	HALLIBURTON SERVICES DOI GROUP/DON 0-00		
1660 0500 AFE 135 - PGR & ACID		9/09/13	721.08	VENDOR NAME	WISCO CORPORATION DOI GROUP/DON 0-00		
1660 0500 RENTAL EQUIPMENT			3,242.01	4,000.00	,00	757.99	19.0
1660 0510 LABOR - CONTRACT			,00	500.00	,00	500.00	,0
1660 0650 AFE 135		9/09/29	2,391.25	VENDOR NAME	STEELE CONSULTING, LTD DOI GROUP/DON 0-00		
1660 0650 SUPERVISION - CONTRACT			2,391.25	3,200.00	,00	808.75	24.7
1660 0700 AFE 135 - R.P. DPP		9/09/12	753.07	VENDOR NAME	WILSON INDUSTRIES INDOI GROUP/DON 0-00		
1660 0700 OTHER COSTS			753.07	4,000.00	,00	3,246.13	81.0
1660 0800 AFE 135-WORKOVER D/H		9/09/30	1,651.92	VENDOR NAME	DOI GROUP/DON 0-00		
1660 0800 ADMINISTRATIVE OVERHEAD			1,651.92	2,050.00	,00	398.08	19.5
MAJOR ACCOUNT TOTALS			20,492.50	41,750.00	,00	13,257.50	63.2
1700 0960 AFE 135 - SN		9/09/12	307.91	VENDOR NAME	WILSON INDUSTRIES INDOI GROUP/DON 0-00		
1700 0960 AFE 135 - PDR CLSS		9/09/14	274.77	VENDOR NAME	WILSON INDUSTRIES INDOI GROUP/DON 0-00		
1700 0960 SUPPLY/AD EQUIPMENT			502.60	2,500.00	,00	1,997.32	79.3
MAJOR ACCOUNT TOTALS			502.60	2,500.00	,00	1,997.32	79.3
TOTALS FOR HRS A.F.E.			29,075.18	44,250.00	,00	15,174.82	65.7

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

6. OF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NDM82193

8. FARM OR LEASE NAME
Basic Game & Fish

9. WELL NO.
34-3

10. FIELD AND POOL, OR WILDCAT,
Baker

11. SEC., T., R., M., OR SECTION, AND
SURVEY OR AREA
3-T153N-R101W

12. COUNTY OR PARISH: 13. STATE
McKenzie ND

1. OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> OTHER		SUNDAY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)	
2. NAME OF OPERATOR PANTERRA PETROLEUM			
3. ADDRESS OF OPERATOR P. O. Box 7168, Billings, MT 59103-7168			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Surface 392' FSL & 494' FWL SWSW			
14. PERMIT NO. 11745	15. ELEVATIONS (Show whether DP, ST, GR, etc.) GR 1850		16. COUNTRY OR PARISH: 17. STATE McKenzie ND

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PEEL OR ALTER CASING
MULTIPLE COMPLETIE
ABANDON
CHANGE PLANS

SEQUENTIAl REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/9/97 PULL RODS. FISH ROD PART. FOUND 3/4" PART @ 3075'. PULL TBG. TIH W/ PKR.
PICKLE TBG W/ 900 GAL 15% HCL. CIRC OUT CSG. ACIDIZE NESSION W/ 2000 GAL 15% SWIC.
AVG PSI 2150 @ 5 BPM. SWAB 11.7 BPH, 95% OIL. RUN 1 1/4" PMP. SN @ 9156' AC @ 9221' &
PINNED COLLAR @ 9347. START PUMPING 9/13/97. TEN DAY AVG 54 BO, 12 BW.

18. I hereby certify that the foregoing is true and correct

SIGNED

Operations Manager

DATE 9/29/97

(This space for Federal or State office use)

ORIGINAL SIGNED BY

APPROVED BY

TITLE

DATE

OCT 7 1997

CONDITIONS OF APPROVAL: IF WIEBURN

Assistant Director

*See Instructions on Reverse Side

PANTERRA PETROLEUM

					WELL: BASIC GAME & FISH 34-3	FIELD: BAKER
					LOCATION: SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL	
2960'				9 5/8"	BH @ TD:SESE SEC 3 153N 101W	STATUS: PUMPING OIL WELL 543' FSL & 655' FWL
3450'				TOP OF CMT	ELEVATION: GL - 1850' KB - 1872'	ST FILE NO: 11745
					ACCTG NO. 617	AP# 33-053-02102
					SPUD DATE: 10/16/85	COMP DATE: 2/3/86
					ROTARY TD: 9596' TVD, 9716' TMD	PBTD: 9561' MD
4034'				KICK-OFF PT.	SURF CSG: 9 5/8" 36# K-55 SET @ 2960'. CMT W/ 1100 SX.	
					PROD CSG: 5 1/2" 17,20,23# L-80, RS-90 SET @ 9702'. CMT 122 SX.	
					TUBING & BHA	RODS & PUMP
					291 JTS 2 7/8" L-80 TBG	22' X 1 1/4" POLISH ROD
					MECH SN - 9156'	124 7/8" GRAD D RODS (3100')
					2 JTS 2 7/8" L80 TBG	34 - 3/4" GRADE D RODS (850')
					BASIN AC - 929221'	182 - 3/4 GR D RODS W/ PADDLES(4550')
					4 JTS 2 7/8" L80 TBG	24 - 7/8" GR D W/ PADDLES(600')
					PINNED COLLAR - 9347	1" X 4' PADDLE PONY ROD
						2 1/2" X 1 1/4" X 24' RHBM, BRASS NICARB PUMP
				SN		
				SPM - 6 SL - 120'		
8092'				DV COLLAR		5 1/2" SET @
					SALT	DEPTH
8392'				MAX ANGLE	DUNHAM	23# TC80H 45
				16 DEG.	PINE	17# L-80 L1 6624
					CHARLES	23# TC80H 6003
						20# L-80 L1 7013
						23# TC80H 7188
						20# L-80 L1 8251
						23# TC80H 9099
9156'	><			MECH SN	WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.	20# L-80 L1 9702
9221'	<<<	>>>		BASIN AC	PUMP UNIT: LUFKIN C456D-365-120, W/ E-42 AJAX MOTOR.	
9234-54'	=		=	NESSON PERFS	PERFS: NESSON 9234-54' 4 SPF	
				12 DEG DEV.		
9346'				PINNED COLLAR		
9529'				PBTG	PRODUCTION:	
9702'	*****			5 1/2"	PREPARED BY: GARY L EVERETZ	DATE: 09/13/97

DIRECTIONAL WELL TMD - 9716', TVD - 9596'

MAXIMUM ANGLE 16 DEG. @ 8392, 12 DEG. @ NESSON.

BASIC GAME & FISH 34-3
Panterra Petroleum
SWSW 3 - T153N, R101W
Baker Field
McKenzie County, ND

AFE #135 Acidize Mission Canyon Perfs

09/13/97 TIH w/ tbg. Set AC w/ 20,000# tension & ND BOP. Flange up well. RU to run pump & rods as follows:

	<u>Tbg & BHA</u>		<u>Pump & Rod Detail</u>
	291 jts 2 7/8" L-80 Tbg		1 1/4" x 22' Polish Rod
	Mech SN	9156'	124 - 7/8" Rods (3100')
	2 jts 2 7/8" L-80 Tbg		34 - 3/4" Rods (850')
	AC	9221'	182 - 3/4" Rods w/ paddles (4550')
	4 jts 2 7/8" L-80 Tbg		24 - 7/8" rods w/ paddles (600')
	2 7/8" Pinned Collar	9347'	1" Pony rod w/ paddles
			2 1/2"x 1 1/4"x 20'x 24'x 24 1/2' RHBM Pump
			#W1103 w/ brass Nicarb bbl

Seat & hang pump. Fill tbg & test to 500 psi - OK. Start pump & PT to 500 psi - OK. 6 SPM, 122"SL. Leave rig up. SDFD. DC \$2224 CC \$26058

09/14/97 Pumped 15 BO, 67 BW.

09/15/97 Pumped 7 BO, 53 BW. Well not pumping @ gauge time (lots of gas). Took 55 min to test to 500 psi. Lower pump to light tag w/ seat. Too windy to RD. DC \$943 CC \$27001

09/16/97 Pumped 42 BO, 20 BW in 24 hrs. Producing a lot of gas. With flow line valve shut, built up 40 psi in 10 min. DC \$1144 CC \$27145

09/17/97 Pumped 62 BO, 22 BW in 24 hrs.

09/18/97 Pumped 53 BO, 27 BW in 24 hrs.

09/19/97 Pumped 65 BO, 5 BW in 23 hrs.

09/20/97 Pumped 65 BO, 8 BW in 24 hrs.

09/21/97 Pumped 58 BO, 12 BW in 24 hrs.

09/22/97 Pumped 48 BO, 10 BW in 24 hrs.

09/23/97 Pumped 52 BO, 7 BW in 24 hrs.

09/24/97 Pumped 47 BO, 3 BW in 24 hrs.

09/25/97 Pumped 43 BO, 3 BW in 24 hrs.

09/26/97 Pumped 47 BO, 25 BW in 24 1/2 hrs.

10 day Avg 54 BO, 12 BW.

Daily Gauges and Pipe Line Runs for Month of September

Lease/Well: BASIC GAME & FISH 34-3

Date	400			400			400			400			400			Total Stock In Tank	Water Prod		Ticket Number	Tank Number	Run Date	Measured On	Measured Off	BS&W	Obsv Tmp	Temp On	Gravity	Total Run to PI Co Barrels	Total Daily Prod BBLS			
	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Fresh Water	Salt Water																		
9/02/97	7	2.00	149.54	6	6.00	134.37	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	283.91	0	0	05423-3661	247413	9/05/97	9/06/97	14	6.00	4	8.00	0.0030000	90	96	36.20	196.82	0.00
9/03/97	10	2.00	209.45	6	6.00	134.37	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	343.82	0	18	05423-3669	247414	9/08/97	9/09/97	12	1.50	2	2.00	0.0000000	82	0	34.60	199.24	59.91
9/04/97	14	6.00	296.38	6	6.00	134.37	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	430.75	0	2	05423-3690	247413	9/15/97	9/17/97	16	5.50	6	4.00	0.0005000	128	156	37.50	202.73	86.93
9/05/97	14	6.00	296.38	7	8.00	157.64	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	454.02	0	0	09950-3139	247413	9/20/97	9/21/97	14	0.50	3	7.00	0.0045000	100	102	37.00	209.45	23.27
9/06/97	4	8.00	99.56	9	4.00	190.92	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	290.48	0	0	05423-3695	247414	9/22/97	9/23/97	15	8.00	5	9.00	0.0020000	130	167	39.00	198.22	33.28
9/07/97	4	8.00	99.56	12	1.50	246.77	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	346.33	0	3	09950-3140	247413	9/25/97	9/26/97	13	0.50	2	6.00	0.0045000	104	106	37.30	211.52	55.85
9/08/97	7	10.00	162.85	12	1.50	246.77	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	409.62	0	0														
9/09/97	11	4.00	232.72	2	2.00	47.53	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	280.25	0	0														
9/10/97	9	9.00	201.13	2	2.00	47.53	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	248.56	0	0													-31.59	
9/11/97	9	9.00	201.13	2	2.00	47.53	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	248.56	0	0													0.00	
9/12/97	9	9.00	201.13	2	2.00	47.53	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	248.66	0	0													0.00	
9/13/97	9	9.00	201.13	2	2.00	47.53	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	248.66	0	0													0.00	
9/14/97	18	7.00	378.29	7	6.00	154.32	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	532.61	0	0	sum - off													283.95
9/15/97	18	7.00	378.29	7	10.00	160.97	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	539.26	0	32													6.65	
9/16/97	16	5.50	335.64	10	3.00	209.29	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	544.93	0	22													5.67	
9/17/97	6	4.00	132.91	13	4.00	270.91	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	403.82	0	22													61.62	
9/18/97	6	4.00	132.91	16	0.00	324.27	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	457.18	0	27													53.36	
9/19/97	9	7.00	197.80	16	0.00	324.27	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	522.07	0	5													64.89	
9/20/97	12	10.00	262.86	16	0.00	324.27	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	587.13	0	8													65.06	
9/21/97	5	2.00	109.61	16	0.00	324.27	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	433.88	0	12													56.20	
9/22/97	8	1.00	167.84	15	8.00	317.63	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	485.47	0	10													51.59	
9/23/97	10	8.00	219.42	5	9.00	119.41	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	338.83	0	7													51.58	
9/24/97	13	0.50	267.06	5	9.00	119.41	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	386.47	0	3													47.64	
9/25/97	13	0.50	267.06	7	11.00	162.63	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	429.69	0	3													43.22	
9/26/97	2	6.00	55.54	10	3.00	209.29	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	264.83	0	2													46.66	
9/27/97	2	6.00	55.54	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	308.13	0	2													43.30	
9/28/97	4	6.00	96.21	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	348.80	0	2													40.67	
9/29/97	6	1.00	127.92	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	380.51	0	2													31.71	
9/30/97	8	5.00	174.50	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	427.09	0	5													46.58	
10/01/97	10	4.00	212.77	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	465.36	0	7													38.27	

Computation of Production

Total Days produced in month =

26

0

194 Computer Version By: Travis Bauer

Stock End of Month

465.36

Add Pipeline Runs

1,217.29

Stock First of Month

283.91

Production for Month

1,399.43

9/02/97 Down 24 hrs. Started unit at 7:00 this am.

9/03/97 Put 55.11 bbls hot oil down casing & 15.03 bbls hot oil thru flowline.

9/05/97 Down approx 14 hrs, changed spark plug & restarted.

Total Formation Water:

194

Dan's Production Service

Williston, ND

Approved by: (Pumper):

Approved by: (Supervisor):

Rhonda J. Holte

Daily Gauges and Pipe Line Runs for Month of November

Lease/Well: BASIC GAME & FISH 34-3

Size	247413			247414									Total Stock In Tank	Water Prod		Ticket Number	Tank Number	Date	Run Date	Measured On Ft	Measured Off Ft	BS&W	Obsv Tmp	Temp On	Gravity	Total Run to Pl Co Barrels	Total Daily Prod BBLS		
	400			400										Fresh Water	Salt Water														
Date	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock																	
11/02/97	7	10.00	162.85	2	7.50	56.76	0	0.00	0.00	0	0.00	0.00	219.61	0	0	72570-3495	247414	11/01/97	11/02/97	13	9.50	2	7.50	0.0010000	90	94	36.00	223.34	29.10
11/03/97	9	5.00	194.47	2	7.50	56.76	0	0.00	0.00	0	0.00	0.00	251.23	0	0	24033-3562	247413	11/05/97	11/06/97	12	4.00	1	4.50	0.0025000	74	89	33.90	220.67	31.62
11/04/97	10	11.00	224.41	2	7.50	56.76	0	0.00	0.00	0	0.00	0.00	281.17	0	0	01014-3203	247414	11/15/97	11/16/97	12	2.00	1	8.25	0.0005000	48	48	33.50	209.78	29.94
11/05/97	12	4.00	252.76	2	7.50	56.76	0	0.00	0.00	0	0.00	0.00	309.52	0	3	25480-3245	247413	11/20/97	11/21/97	12	7.25	1	4.00	0.0030000	80	82	35.80	227.01	28.35
11/06/97	1	4.50	32.09	3	11.00	82.71	0	0.00	0.00	0	0.00	0.00	114.80	0	3	72570-3534	247414	11/30/97	12/01/97	13	3.00	2	4.50	0.0020000	65	69	35.00	217.51	25.95
11/07/97	1	4.50	32.09	5	5.00	112.76	0	0.00	0.00	0	0.00	0.00	144.85	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	30.05
11/08/97	1	4.50	32.09	6	8.00	137.70	0	0.00	0.00	0	0.00	0.00	169.79	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	24.94
11/09/97	1	4.50	32.09	8	0.00	164.29	0	0.00	0.00	0	0.00	0.00	196.38	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	26.59
11/10/97	1	4.50	32.09	9	6.00	194.26	0	0.00	0.00	0	0.00	0.00	226.35	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	29.97
11/11/97	1	4.50	32.09	10	11.00	222.66	0	0.00	0.00	0	0.00	0.00	254.75	0	10			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.40
11/12/97	1	4.50	32.09	12	2.00	247.50	0	0.00	0.00	0	0.00	0.00	279.69	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	24.94
11/13/97	3	0.00	65.05	12	2.00	247.50	0	0.00	0.00	0	0.00	0.00	313.65	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	33.96
11/14/97	4	1.00	87.83	12	2.00	247.50	0	0.00	0.00	0	0.00	0.00	335.43	0	3			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	21.78
11/15/97	5	5.00	114.63	12	2.00	247.50	0	0.00	0.00	0	0.00	0.00	362.23	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	33.25
11/16/97	7	1.00	147.88	1	8.25	37.82	0	0.00	0.00	0	0.00	0.00	185.70	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	21.62
11/17/97	8	2.00	189.50	1	8.25	37.82	0	0.00	0.00	0	0.00	0.00	207.32	0	7			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.30
11/18/97	9	7.00	197.80	1	8.25	37.82	0	0.00	0.00	0	0.00	0.00	235.62	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	22.61
11/19/97	12	7.25	258.23	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	258.23	0	2			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.92
11/20/97	12	7.25	258.23	1	3.00	28.92	0	0.00	0.00	0	0.00	0.00	287.15	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	27.00
11/21/97	1	4.00	31.22	2	7.00	55.92	0	0.00	0.00	0	0.00	0.00	87.14	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	26.79
11/22/97	1	4.00	31.22	3	11.00	82.71	0	0.00	0.00	0	0.00	0.00	113.93	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	25.07
11/23/97	1	4.00	31.22	5	2.00	107.78	0	0.00	0.00	0	0.00	0.00	139.00	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.25
11/24/97	1	4.00	31.22	6	7.00	136.03	0	0.00	0.00	0	0.00	0.00	167.25	0	7			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	24.94
11/25/97	1	4.00	31.22	7	10.00	160.97	0	0.00	0.00	0	0.00	0.00	192.19	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	-9.98
11/26/97	1	4.00	31.22	7	4.00	150.99	0	0.00	0.00	0	0.00	0.00	182.21	0	7			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	53.29
11/27/97	1	4.00	31.22	10	0.00	204.28	0	0.00	0.00	0	0.00	0.00	235.50	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	35.01
11/28/97	1	4.00	31.22	11	9.00	239.29	0	0.00	0.00	0	0.00	0.00	270.51	0	3			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	29.95
11/29/97	1	4.00	31.22	13	3.00	269.24	0	0.00	0.00	0	0.00	0.00	300.46	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	27.80
11/30/97	2	8.00	59.02	13	3.00	269.24	0	0.00	0.00	0	0.00	0.00	328.26	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.81
12/01/97	4	1.00	87.83	2	4.50	51.73	0	0.00	0.00	0	0.00	0.00	139.56	0	0			11	11	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	

Computation of Production

Total Days produced in month =

30

Stock End of Month 139.56

Add Pipeline Runs 1,098.31

Stock First of Month 413.85

Production for Month 824.02

1089.64

0 45 Computer Version By: Travis Bauer

Total Formation Water: 45 Dan's Production Service

Williston, ND

Approved by: (Pumper):

Approved by: (Supervisor):

Rhonda J. Bartlette

11/19/97 Recycled on Tank 14 from 1 8-1/4" to 0" into Tank 13.

11/26/97 Put 70.14 bbls hot oil down casing.

Daily Gauges and Pipe Line Runs for Month of October

Lease/Well: BASIC GAME & FISH 34-3

Date	247413			247414												Total Stock In Tank	Water Prod		Ticket Number	Tank Number	Run Date	Measured On		Measured Off		Obsv	Temp	Gravity	Total Run to PI Co Barrels	Total Daily Prod BBLS
	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Fresh Water	Salt Water	Ft	In	Ft	In	BS&W											
10/02/97	10	6.00	216.10	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	458.69	0	3	09950-3152	247414-	10/03/97	10/04/97	12	1.00	1	3.75	0.0035000	88	90	35.50	215.75	3.33	
10/03/97	13	5.00	274.63	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	527.22	0	2	09950-3158	247413-	10/04/97	10/05/97	15	5.75	4	11.00	0.0040000	108	108	37.70	211.41	58.53	
10/04/97	15	5.00	314.74	1	3.75	30.19	0	0.00	0.00	0	0.00	0.00	344.93	0	3	09950-3172	247414-	10/11/97	10/12/97	12	2.00	1	9.50	0.0020000	84	86	35.90	207.66	33.46	
10/05/97	4	11.00	104.58	3	1.00	65.98	0	0.00	0.00	0	0.00	0.00	170.56	0	3	05423-3736	247413-	10/16/97	10/17/97	11	8.00	1	9.50	0.0020000	87	89	36.90	198.59	37.04	
10/06/97	4	11.00	104.58	5	0.00	104.45	0	0.00	0.00	0	0.00	0.00	209.03	0	2	09950-3208	247413-	10/27/97	10/28/97	14	8.75	4	4.50	0.0040000	114	116	38.00	207.27	38.47	
10/07/97	4	11.00	104.58	6	9.00	139.36	0	0.00	0.00	0	0.00	0.00	243.94	0	0							0	0	0.00	0.00	0.00	36.57			
10/08/97	4	11.00	104.58	8	7.00	175.93	0	0.00	0.00	0	0.00	0.00	280.51	0	0							0	0	0.00	0.00	0.00	36.70			
10/09/97	4	11.00	104.58	10	5.00	212.63	0	0.00	0.00	0	0.00	0.00	317.21	0	0							0	0	0.00	0.00	0.00	34.97			
10/10/97	4	11.00	104.58	12	2.00	247.60	0	0.00	0.00	0	0.00	0.00	352.18	0	0							0	0	0.00	0.00	0.00	33.32			
10/11/97	6	7.00	137.90	12	2.00	247.60	0	0.00	0.00	0	0.00	0.00	385.50	0	7							0	0	0.00	0.00	0.00	36.60			
10/12/97	8	5.00	174.50	1	9.50	39.94	0	0.00	0.00	0	0.00	0.00	214.44	0	0							0	0	0.00	0.00	0.00	34.95			
10/13/97	10	2.00	209.45	1	9.50	39.94	0	0.00	0.00	0	0.00	0.00	249.39	0	0							0	0	0.00	0.00	0.00	29.92			
10/14/97	11	8.00	239.37	1	9.50	39.94	0	0.00	0.00	0	0.00	0.00	312.04	0	3							0	0	0.00	0.00	0.00	32.73			
10/15/97	11	8.00	239.37	3	5.00	72.67	0	0.00	0.00	0	0.00	0.00	340.48	0	3							0	0	0.00	0.00	0.00	28.44			
10/16/97	11	8.00	239.37	4	10.00	101.11	0	0.00	0.00	0	0.00	0.00	178.48	0	2							0	0	0.00	0.00	0.00	36.59			
10/17/97	1	9.50	40.78	6	8.00	137.70	0	0.00	0.00	0	0.00	0.00	208.39	0	0							0	0	0.00	0.00	0.00	29.91			
10/18/97	1	9.50	40.78	8	2.00	167.61	0	0.00	0.00	0	0.00	0.00	241.72	0	0							0	0	0.00	0.00	0.00	33.33			
10/19/97	1	9.50	40.78	9	10.00	200.94	0	0.00	0.00	0	0.00	0.00	270.09	0	0							0	0	0.00	0.00	0.00	28.37			
10/20/97	1	9.50	40.78	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	298.71	0	2							0	0	0.00	0.00	0.00	28.62			
10/21/97	3	2.00	69.40	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	328.87	0	2							0	0	0.00	0.00	0.00	30.16			
10/22/97	4	6.00	99.56	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	358.69	0	7							0	0	0.00	0.00	0.00	30.02			
10/23/97	6	2.00	129.58	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	383.71	0	10							0	0	0.00	0.00	0.00	24.82			
10/24/97	9	11.00	204.46	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	411.97	0	3							0	0	0.00	0.00	0.00	28.26			
10/25/97	11	4.00	232.72	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	448.84	0	0							0	0	0.00	0.00	0.00	36.87			
10/26/97	13	2.00	269.59	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	480.21	0	2							0	0	0.00	0.00	0.00	31.37			
10/27/97	14	8.75	300.96	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	304.65	0	7							0	0	0.00	0.00	0.00	31.71			
10/28/97	4	4.50	93.69	10	4.00	210.96	0	0.00	0.00	0	0.00	0.00	334.64	0	0							0	0	0.00	0.00	0.00	29.99			
10/29/97	4	4.50	93.69	11	10.00	240.95	0	0.00	0.00	0	0.00	0.00	323.00	0	0							0	0	0.00	0.00	0.00	-11.64			
10/30/97	4	4.50	93.69	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	374.63	0	0							0	0	0.00	0.00	0.00	51.63			
10/31/97	4	4.50	93.69	13	10.00	280.94	0	0.00	0.00	0	0.00	0.00	413.85	0	0							0	0	0.00	0.00	0.00	39.22			
11/01/97	6	4.00	132.91	13	10.00	280.94	0	0.00	0.00	0	0.00	0.00																		

Computation of Production

Total Days produced in month =

31

10/02/97 Put 70.14 bbls hot oil down casing.

10/24/97 Recycled on Tank 14 from 113° to 89° into Tank 13.

0 61 Computer Version By: Travis Bauer

Total Formation Water: 61 Dan's Production Service

Williston, ND

Approved by: (Pumper):

Approved by: (Supervisor):

Rhonda J. Bartlette

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

SUNDY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME NDM82193
2. NAME OF OPERATOR PANTERRA PETROLEUM	8. FARM OR LEASE NAME Basic Game & Fish
3. ADDRESS OF OPERATOR P. O. Box 7168, Billings, MT 59103-7168	9. WELL NO. 34-3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface	10. FIELD AND POOL, OR WILDCAT Baker
Surface 392' FSL & 494' FWL SWSW	11. SMC., T., R., M., OR BLK. AND SURVEY OR AREA 3-T153N-R101W
14. PERMIT NO. 11745	15. ELEVATIONS (Show whether DE, ET, GL, etc.) GP 1250
<p>RECEIVED OCT 1997 ND OIL & GAS DIVISION</p>	



— 1 —

15. ELEVATIONS (Show whether DF, ST, QL, etc.)

11745

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTES OF INTEGRATION 291

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPOSITE
ABANDON*
CHANGE PLANS

**WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING**
(Other)

**REPAIRING WELL
ALTERING CASING
REBARRICKETING**

ANNUAL REPORT OF THE

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/9/97 PULL RODS. FISH ROD PART. FOUND 3/4" PART @ 3075'. PULL TBG. TIH W/ PKR. PICKLE TBG W/ 900 GAL 15% HCL CIRC OUT CSG. ACIDIZE NESSION W/ 2000 GAL 15% SWIC. AVG PSI 2150 @ 5 BPM. SWAB 11.7 BPH, 95% OIL. RUN 1 1/4"PMP. SN @ 9156' AC @ 9221' & PINNED COLLAR @ 9347'. START PUMPING 9/13/97. TEN DAY AVG 54 BO, 12 BW.

18 I hereby certify that the foregoing is true and correct.

SIGNED

Operations Manager

DATED 9/29/97

(This space for Federal or State office use)

This space is
Occupied

Assistant Director

OCT 7 1997

REED.

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

**See Instructions on Reverse Side*

PANTERRA PETROLEUM

					WELL: BASIC GAME & FISH 34-3	FIELD: BAKER
					LOCATION: SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL	
2980'				9 5/8"	BH @ TD:SESE SEC 3 153N 101W	STATUS: PUMPING OIL WELL 543' FSL & 655' FEL
3450'				TOP OF CMT	ELEVATION: GL - 1850' KB - 1872'	ST FILE NO: 11745
					ACCTG NO. 817	API# 33-053-02102
					SPUD DATE: 10/16/85	COMP DATE: 2/3/88
4034'				KICK-OFF PT.	ROTARY TD: 9596' TVD, 9718' TMD	PBTD: 9561' MD
					SURF CSG: 9 5/8" 36# K-55 SET @ 2980'. CMT W/ 1100 SX.	
					PROD CSG: 5 1/2" 17,20,23# L-80, RS-90 SET @ 9702'. CMT 122 SX.	
					TUBING & BHA	RODS & PUMP
					291 JTS 2 7/8" L-80 TBG	22" X 1 1/4" POLISH ROD
					MECH SN - 9150'	124 7/8" GRAD D RODS (3100')
					2 JTS 2 7/8" L80 TBG	34 - 3/4" GRADE D RODS (650')
					BASIN AC - 929221'	182 - 3/4 GR D RODS W/ PADDLES(4550')
					4 JTS 2 7/8" L80 TBG	24 - 7/8" GR D W/ PADDLES(600')
					PINNED COLLAR - 9347	1" X 4' PADDLE PONY ROD
						2 1/2" X 1 1/4" X 24' RHBM,
						BRASS NICARB PUMP
				SN		
					SPM - 6 SL - 120"	
8092'				DV COLLAR		5 1/2" SET @
					SALT DEPTH	
8392'				MAX ANGLE	23# TC80H 45	
				16 DEG.	17# L-80 L1 6624	
					DUNHAM 6844-6712	23# TC80H 6803
					PINE 7035-7100	20# L-80 L1 7013
					CHARLES 8275-9004	23# TC80H 7188
						20# L-80 L1 8251
						23# TC80H 9099
9156'	> o <			MECH SN	WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.	20# L-80 L1 9702
9221'	<<<	>>>		BASIN AC	PUMP UNIT: LUPKIN C456D-365-120, W/ E-42 AJAX MOTOR.	
9234-54'	=		=	NESSON PERFS		
				12 DEG DEV.	PERFS: NESSON 9234-54' 4 SPP	
9346'	-			PINNED COLLAR		
9529'				PBTD	PRODUCTION:	
9702'	*****			5 1/2"	PREPARED BY: GARY L EVERTZ	DATE: 09/13/97

DIRECTIONAL WELL TMD - 9716, TVD - 9596'

MAXIMUM ANGLE 18 DEG. @ 8392', 12 DEG. @ NESSON.

BASIC GAME & FISH 34-3

Panterra Petroleum

SWSW 3 - T153N, R101W

Baker Field

McKenzie County, ND

AFE #135 Acidize Mission Canyon Perfs

09/13/97 TIH w/ tbg. Set AC w/ 20,000# tension & ND BOP. Flange up well. RU to run pump & rods as follows:

	<u>Tbg & BHA</u>	<u>Pump & Rod Detail</u>
291 jts 2 7/8" L-80 Tbg		1 1/4" x 22' Polish Rod
Mech SN	9156'	124 - 7/8" Rods (3100')
2 jts 2 7/8" L-80 Tbg		34 - 3/4" Rods (850')
AC	9221'	182 - 3/4" Rods w/ paddles (4550')
4 jts 2 7/8" L-80 Tbg		24 - 7/8" rods w/ paddles (600')
2 7/8" Pinned Collar	9347'	1" Pony rod w/ paddles
		2 1/2"x 1 1/4"x 20'x 24'x 24 1/2' RHBM Pump
		#W1103 w/ brass Nicarb bbl

Seat & hang pump. Fill tbg & test to 500 psi - OK. Start pump & PT to 500 psi - OK. 6 SPM, 122' SL. Leave rig up. SDFD. DC \$2224 CC \$26058

09/14/97 Pumped 15 BO, 67 BW.

09/15/97 Pumped 7 BO, 53 BW. Well not pumping @ gauge time (lots of gas). Took 55 min to test to 500 psi. Lower pump to light tag w/ seat. Too windy to RD. DC \$943 CC \$27001

09/16/97 Pumped 42 BO, 20 BW in 24 hrs. Producing a lot of gas. With flow line valve shut, built up 40 psi in 10 min. DC \$1144 CC \$27145

09/17/97 Pumped 62 BO, 22 BW in 24 hrs.

09/18/97 Pumped 53 BO, 27 BW in 24 hrs.

09/19/97 Pumped 65 BO, 5 BW in 23 hrs.

09/20/97 Pumped 65 BO, 8 BW in 24 hrs.

09/21/97 Pumped 56 BO, 12 BW in 24 hrs.

09/22/97 Pumped 48 BO, 10 BW in 24 hrs.

09/23/97 Pumped 52 BO, 7 BW in 24 hrs.

09/24/97 Pumped 47 BO, 3 BW in 24 hrs.

09/25/97 Pumped 43 BO, 3 BW in 24 hrs.

09/26/97 Pumped 47 BO, 25 BW in 24 1/2 hrs.

10 day Avg 54 BO, 12 BW.

11745

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NDM821938. FARM OR LEASE NAME
Basic Game & Fish9. WELL NO.
34-310. FIELD AND POOL, OR WILDCAT,
Baker - Madison11. SEC., T., R., M., OR SECTION
2
3-T153N-R101W12. COUNTY OR PARISH: 13. STATE
McKenzie ND

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	SUNDY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)	
2. NAME OF OPERATOR PANTERRA PETROLEUM	3. ADDRESS OF OPERATOR P. O. Box 7168, Billings, MT 59103-7168	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Surface 392' FSL & 494' FWL SWSW		
14. PERMIT NO. 11745	15. ELEVATIONS (Show whether DP, RT, OR, etc.) GR 1850	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PCLL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
SPILL
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT

X

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).*



See attached Spill History

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

Reed

APPROVED BY Mark Bohm

CONDITIONS OF APPROVAL, IF ANY:

TITLE Operations Manager

DATE 9/16/97

TITLE PETROLEUM ENGINEER

DATE September 19, 1997

*See Instructions on Reverse Side

SPCC PLAN, ATTACHMENT #1
SPILL HISTORY

Complete this form for any reportable spill (s).

Well Name: Basic Game & Fish 34-3 Location: SWSW Sec 3, T153N, R101W
Operator: Panterra Petroleum McKenzie County, ND

1. Date of Occurrence: 09/15/97 Reported by: Shawn Nesvig
Surface Ownership: Corps of Engineers
Agencies & Dates Notified:
BLM - 9/16/97, NDIC - 9/16/97, Corps of Engineers - 9/16/97
Via fax of this document

Volume & Type of Fluid Spilled: 8 gal corrosion chemical

Volume Recovered: None
Cause of Event: Bleeder valve was left open after workover
rig moved off location.

Corrective Action Taken, Damage Description: Close valve. Clean
up all contaminated soil & haul to approved disposal site.

Plans for Preventing Recurrence: Check to be sure valve is closed.

Signature: Sam Evertz

2. Date of Occurrence: _____ Reported by: _____
Surface Ownership: _____
Agencies & Dates Notified: _____

Volume & Type of Fluid Spilled: _____

Volume Recovered: _____
Cause of Event: _____

Corrective Action Taken, Damage Description: _____

Plans for Preventing Recurrence: _____

Signature: _____

(Attachment #1, SPCC Plan)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLE SPACES
(Other instructions on reverse side)

11745
Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NDM82193

8. FARM OR LEASE NAME

Basic Game & Fish

9. WELL NO.

34-3

10. FIELD AND POOL, OR WILDCAT,

Baker

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

3-T153N-R101W

12. COUNTY OR PARISH 13. STATE

McKenzie ND

1. OIL GAS WELL OTHER

2. NAME OF OPERATOR

PANTERRA PETROLEUM

3. ADDRESS OF OPERATOR

P. O. Box 7168, Billings, MT 59103-7168

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

14. PERMIT NO.

11745

15. ELEVATIONS (Show whether DEP, RT, GE, etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

09/02/97 Returned to production after flooding.

18. I hereby certify that the foregoing is true and correct

SIGNED

Barry S. Berry

TITLE Operations Manager

DATE 9/3/97

(This space for Federal or State office use)

APPROVED BY

FCW

TITLE Assistant Director

DATE

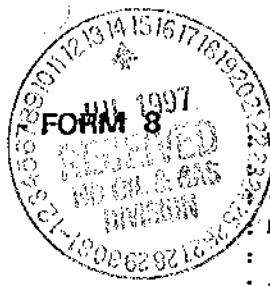
SEP 6 1997

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5698 (2-92)



Well File Number :
11745 :
NDIC CTB Number :
111745 :
111745

INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E.
Boulevard Avenue, Bismarck, ND 58505

34-3
WELL BASIC GAME & FISH (Q/Q) SWSW (SEC.) 3 (TWP.) 153N (RGE.) 101W COUNTY MCKENZIE
PRODUCER: PANTERRA PETROLEUM FIELD BAKER POOL MADISON

ADDRESS CORRESPONDENCE TO: GARY L. EVERTZ, PANTERRA PETROLEUM
550 N. 31ST STREET, SUITE 500, P. O. BOX 7168, BILLINGS, MT 59103

Name of First Purchaser KOCH OIL COMPANY : % Purchased : Date Effective
Principal Place of Business 1625 Broadway, Ste 1570, Denver, CO 80202 : 100 : 08/01/97
Field Address Box 92B, Williston, ND 58801 :
Name of Transporter KOCH OIL COMPANY P/L : % Transported : Date Effective
Address Box 92B, Williston, ND 58801 : 100 : 08/01/97

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporters Transporting From This Lease : % Transported : Date Effective
Other First Purchasers Purchasing From This Lease : % Purchased Date Effective

Remarks

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature

Title
Engineer

Date

07/11/97

State of Montana

County of Yellowstone

On 07/11/97 Terry S. Holzwarth, known to me to be the person described in and who executed the foregoing instrument personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

Notary Public

My Commission Expires AUGUST 21, 2000

APPROVED BY:

Date: 7/14/97



SUNDRY NOTICE AND REPORTS ON WELLS - FORM 4
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5749 (1-94)

Well File Number

11745

600 East Boulevard
Bismarck, ND 58505

PLEASE READ INSTRUCTIONS ON BACK OF FORM

 Notice of IntentApproximate Start Date When Flood
Waters Allow. Report of Work Done

Date Work Completed _____

- Drilling Program JUN 1997
 Redrilling or Repair
 Casing or Liner
 Plug Well
 Supplemental History
 Temporarily Abandon

- Spill Report
 Shooting
 Acidizing
 Fracture Treatment
 Change Producing Method
 Reclamation
 Other Workover Tax Exemption

Well Name and Number

Basic Game & Fish 34-3

Footage	Qtr-Qtr	Section	Township	Range
Surface 392' FSL & 494' FWL	SWSW	2	153N	101W
Field Baker	Pool Madison	County McKenzie		

24 HOUR PRODUCTION RATE	
BEFORE	AFTER
Oil 24.4	Oil
Water 1	Water
Gas 10.3	Gas

Name of Contractor

Address

City

State

Zip Code

DETAILS OF WORK

Panterra Plans to acidize the Mission Canyon perfs.

See attached procedure.

PANTERRA PETROLEUM hereby applies for workover exemption - notice of intention to begin a workover project, which may be exempt from taxation pursuant to subsection (4) of North Dakota century Code section 57-51.1-03, for work outlined above. Approximate cost: \$44,250.

Company

PANTERRA PETROLEUM

Address

P. O. Box 7168

City

Billings

State

MT

Zip Code

59103-7168

By

Dan Evertz

Date

6/23/97

Title

Operations Manager

Telephone Number

(406) 245-6248

FOR OFFICE USE ONLY

 Received Approved

Date

6-30-97

By

Mark Hart

Title

PER

PANTERRA PETROLEUM

BASIC GAME & FISH 34-3

SWSW SEC 2 T153N R101W
BAKER FIELD - MCKENZIE CO, ND
ACCOUNTING CODE # 617

PROCEDURE TO ACIDIZE PERFS - AFE # 135

Current Status

Mission Canyon well, pumping 27 BOPD and 1 BWPD with a steep decline.

Procedure

- 1.) MIRU workover rig. Unseat pump and hot oil down tubing to remove paraffin. POOH with rods and pump. Unflange wellhead and NU BOP. Release AC and POOH.
- 2.) TIH with treating packer, RC valve and tubing. Set packer at 9200' ±. Pickle tubing with 900 gal 15% HCl.
- 3.) Acidize Mission Canyon perfs 9234-54' with 2000 gal 15% SWIC HCl using 100(1.1 Sp. Gr.) balls for diversion. Pump at 3-5 BPM. Flush to perfs with oil. Swab back until return fluid is cleaned up. POOH with tubing and packer.
- 4.) TIH pinned collar 4 jts tbg, AC, 2 jts tbg, Mech SN, rest of tbg. Set end of tubing at approximately 9347'. ND BOP and NU wellhead.
- 5.) Run 1 1/4" RHBM pump and rods.

GLE
4/24/97
617.WO

PANTERRA PETROLEUM

	I : I		WELL: BASIC GAME & FISH 34-3	FIELD: BAKER
	I : I		LOCATION: SURF:SW SEC 2 153N 101W, MCKENZIE CO, ND	
	I : I		392' FSL & 494' FWL	
2960'	I : I	9 5/8"	BH @ TD:SESE SEC 3 153N 101W STATUS: PUMPING OIL WELL	
	I : I		543' FSL & 555' FWL	
3450'	I : I	TOP OF CMT	ELEVATION: GL - 1850' KB - 1872' ST FILE NO: 11745	
	I : I		SPUD DATE: 10/16/85 API# 33-053-02102	
	I : I		COMP DATE: 2/3/86	
4034'	I : I	KICK-OFF PT.	ROTARY TD: 9596' TVD, 9716' TMD PBTD: 9561' MD	
	I : I		SURF CSG: 9 5/8" 36# K-55 SET @ 2960', CMT W/ 1100 SX,	
	I : I		PROD CSG: 5 1/2" 17,20,23# L-80, RS-90 SET @ 9702'. CMT 122 SX.	
	I : I		TUBING & BHA	
	I : I		RODS & PUMP	
	I : I		291 JTS 2 7/8" L-80 TBG	22" X 1 1/4" POLISH ROD
	I : I		MECH SN W/ DIP TUBE	110 7/8" GRAD D RODS (2750')
	I : I		2 JTS 2 7/8" L80 TBG	47 - 3/4" GRADE D RODS (1175')
	I : I		BASIN AC - 9214'	182 - 3/4 GR D RODS W/ PADDLES(4550')
	I : I		2 JTS 2 7/8" L80 TBG	24 - 7/8" GR D W/ PADDLES(600')
	I : I		PINNED COLLAR - 9287'	1" X 4" PADDLE PONY ROD
	I : I			-2 1/2" X 1 1/2" X 24" RHBM, BRASS NICARD PUMP
	I : I	SN		
	I : I		SPM - 7 SL - 120"	
8092'	I : I	DV COLLAR		5 1/2" SET 2
	I : I			
B392'	I : I	MAX ANGLE	SALT	DEPTH
	I : I	16 DEG.	DUNHAM	6644-6712
	I : I		PINE	7035-7100
	I : I		CHARLES	8275-9004
	I : I			23# TC80H 45
	I : I			17# L-80 6624
	I : I			23# TC80H 6803
	I : I			20# L-80 7013
	I : I			23# TC80H 7188
	I : I			20# L-80 8251
	I : I			23# TC80H 9099
9150'	I : I	MECH SN	WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.	20# L-80 9702
9194'	I : I			
	I : I			
9214'	<><I> I<>>	BASIN AC	PUMP UNIT: LUFKIN Q456D-365-120, W/ E-42 AJAX MOTOR.	
	I : I			
9234-54'	= I : I =	NESSON PERFS		
	I : I	12 DEG DEV.	PERFS: NESSON 9234-54' 4 SPF	
9287'	I --- I	PINNED COLLAR		
	I : I			
9529'	I : I	PBTD	PRODUCTION: 43 BO, 18 MCF 2 BWPD	
	I : I			
9702'	*****	5 1/2"	PREPARED BY: GARY L EVERETZ	DATE: 8/6/94

	DIRICTIONAL WELL TMD - 9716', TVD - 9596'			
	MAXIMUM ANGLE 16 DEG. @ 8392', 12 DEG. @ NESSON.			



**PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION**

Well File Number :
11745 :
-----:
NDIC CTB Number :
11745 :

INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E. Boulevard Avenue, Bismarck, ND 58505

34-3
WELL BASIC GAME & FISH (Q/Q) SWSW (SEC.) 3 (TWP.) 153N (RGE.) 101W COUNTY MCKENZIE

PRODUCER: PANTERRA PETROLEUM FIELD BAKER POOL MAQISON
ADDRESS CORRESPONDENCE TO: GARY L. EVERETZ, PANTERRA PETROLEUM
550 N. 31ST STREET, SUITE 500, P. O. BOX 7168, BILLINGS, MT 59103

----- : % Purchased : Date Effective
Name of First Purchaser AMOCO PRODUCTION COMPANY : 100 06/01/97

Principal Place of Business 1670 Broadway, Ste 715, Denver CO 80201

Field Address 1670 Broadway, Ste 715, Denver CO 80201

Name of Transporter AMOCO PRODUCTION COMPANY Tru

Name of Transporter : AMOCO PRODUCTION COMPANY Truck : Transported : Date Effective
Address : 1670 Broadway, Ste 715 : 100 : 06/01/97

Denver, CO 80201

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporters Transporting From This Lease : % Transported : Date Effective
: : :

Other First Purchasers Purchasing From This Lease : % Purchased Date Effective
: : :

Remarks

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature Title Engineer Date 05/28/97

State of Montana
County of Yellowstone

On 05/28/97, Gary L. Evertz, known to me to be the person described in and who executed the foregoing instrument personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

My Commission Expires AUGUST 21, 2000

APPROVED BY:

Charles A. Bock

Date: _____

6/3/92

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

11/11/95
Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NDM82193

8. FARM OR LEASE NAME

Basic Game & Fish

9. WELL NO.

34-3

10. FIELD AND POOL, OR WILDCAT,

Baker

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA

3-T153N-R101W

12. COUNTY OR PARISH 13. STATE

McKenzie

ND

1. OIL GAS OTHER

2. NAME OF OPERATOR

PANTERRA PETROLEUM

3. ADDRESS OF OPERATOR

P. O. Box 7168, Billings, MT 59103-7168

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

14. PERMIT NO.

11745

15. ELEVATIONS (Show whether DEP, RT. GR. etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well was returned to production September 8, 1995, after flood waters receded from Lake Sakakawea

18. I hereby certify that the foregoing is true and correct.

SIGNED:

Janette Vogtall

TITLE:

DATE:

9-11-95

(This space for Federal or State office use)

APPROVED BY:

FEW

TITLE:

DATE:

9-11-95

Assistant Director

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLEX
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

11745

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

PANTERRA PETROLEUM

3. ADDRESS OF OPERATOR

P. O. BOX 7168, Billings, MT 59103-7168

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

14. PERMIT NO.

11745

15. ELEVATIONS (Show whether DEP. RT. GR. etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well was temporarily shut-in July 15, 1995, due to flood waters in Lake Sakakawea.

18. I hereby certify that the foregoing is true and correct

SIGNED Benj. G. Evans TITLE Operations Manager DATE 8/24/95

(This space for Federal or State office use)

APPROVED BY John J. O'Leary TITLE Oil Prod. Auditor DATE 8-28-95
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

11745

SPCC PLAN, ATTACHMENT #1
SPILL HISTORY



Complete this form for any reportable spill (s).

Well Name: Basic Game & Fish 34-3 Location: SWSW Sec 3 T153N, R101W
Operator: Panterra Petroleum

1. Date of Occurrence: 07/04/95 Reported by: Kevin Grindeland
Surface Ownership:
Agencies & Dates Notified: NDIC - Ellis Hakke 7/4/95
Corps of Engineers - Keith Gordon 7/4/95
Williams County Disaster - Al Mellot 7/4/95

Volume & Type of Fluid Spilled: 7 bbls oil

Volume Recovered: 6 1/2 bbls oil recovered with truck. Remaining
soaked up with straw.

Cause of Event: Polish rod liner was loose & leaking.

Corrective Action Taken, Damage Description: Sucked up oil, put
straw bales around the outside of the spill to help soak up remaining
oil film.

Plans for Preventing Recurrence: Repaired polish rod packing.

Signature: *Barry Evertz*

2. Date of Occurrence: _____ Reported by: _____
Surface Ownership: _____
Agencies & Dates Notified: _____

Volume & Type of Fluid Spilled: _____

Volume Recovered: _____

Cause of Event: _____

Corrective Action Taken, Damage Description: _____

Plans for Preventing Recurrence: _____

Signature: _____

(Attachment #1, SPCC Plan)

REC'D 7-14-95
BY Marvin E. Ryff
NOIC



**PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION**

A circular stamp with a diamond-shaped center. The outer ring contains the word "RECEIVED" at the top and "ND OIL & GAS DIVISION" at the bottom. The inner circle contains the number "18893031-153". The date "JUL 1986" is stamped in the center diamond.

: Well File Number :
11745

: NDIC CTB Number :
: 111745 :
:

INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E. Boulevard Avenue, Bismarck, ND 58505

34-3
WELL BASIC GAME & FISH (Q/Q) SWSW (SEC.) 3 (TWP.) 153N (RGE.) 101W COUNTY MCKENZIE

PRODUCER: PANTERRA PETROLEUM FIELD BAKER POOL MADISON

ADDRESS CORRESPONDENCE TO: GARY L. EVERETZ, PANTERRA PETROLEUM
550 N. 31ST STREET, SUITE 500, P. O. BOX 7168 BILLINGS MT 59107

Name of First Purchaser : AMOCO PRODUCTION COMPANY : % Purchased : 100 : Date Effective 08/01/95

Field Address 1670 Broadway, Ste 715, Denver CO 80201

Name of Transporter SCURLOCK PERMIAN CORP. - TRUCK

Name of Transporter : SCURLOCK PERMIAN CORP. - TRUCK : % Transported : Date Effective
Address : P. O. BOX 2358, WILLISTON, ND 58801 : 100 : 08/01/95

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporters Transporting From This Lease : % Transported : Date Effective

Other First Purchasers Purchasing From This Lease : % Purchased Date Effective

Remarks

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature

Title
Engineer

Date

07/14/95

State of Montana

County of Yellowstone

On 07/14/95, Gary L. Evertz, known to me to be the person described in and who executed the foregoing instrument personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

Patricia A. Mazzola
Notary Public

My Commission Expires

AUGUST 21, 1996

APPROVED BY:

Charles A. Koch

Data:

ORTH DAKOTA OIL AND GAS EMISSION

11945

REPORT OF

SPILLS

N.D.C.C. #43-02-03-30

DATE: 7-5-95

COMPANY: PANTERRA PETROLEUM



COMPANY REPRESENTATIVE: DAN REDKA

LEASE NAME: BASIC GAME + FISH #34-3 COUNTY OF: MCKENZIE

LOCATION: SE 5E SECTION: 3 T. 153 N., R. 101 W.

DATE OF OCCURRENCE: 7-11-95 10:30 A.M.

LANDOWNER NOTIFIED: YES - CORPS OF ENGINEERS

AMOUNT OF SPILL: 5-10 RECOVERED: ?

FIELD INSPECTOR: TOM DELLING

FORM 4 REQUESTED: NOT YET - WILL REQUEST ONE BE SUBMITTED

CAUSE OF SPILL: POLISH ROD LINER LEAKED SPILLING

5-10 BBL'S OIL (ESW?) AT WELL HEAD & ON LOCATION

TO WEST OF WELLHEAD - THEY ARE WAITING FOR
CONTACT FROM CORPS OF ENGINEERS PRIOR TO CLEAN-UP.

Derrick Dellenj
Signature
FIELD INSPECTOR
Title



**PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE - FORM 8**
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5698 (2-92)

: Well File Number :
:
: 11745 :
:
: NDIC CTB Number :
:
: 111745 :
:

INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E. Boulevard Avenue, Bismarck, ND 58505

34-3
WELL BASIC GAME & FISH (Q/Q) SWSW (SEC.) 3 (TWP.)153N (RGE.) 101W COUNTY MCKENZIE

ADDRESS CORRESPONDENCE TO: GARY L. EVERZ, PANTERRA PETROLEUM
550 N. 31ST STREET, SUITE 500, P. O. BOX 7168, BILLINGS, MT 59103

Name of First Purchaser : SCURLOCK PERMIAN CORP : % Purchased : 100 : Date Effective 1/1/95

Principal Place of Business P. O. BOX 4648, HOUSTON, TX 77210-4648

Field Address P. O. BOX 2358, WILLISTON, ND 58801

Name of Transporter SCURLOCK PERMIAN CORP. - TRUCK

[View Details](#) | [Edit](#) | [Delete](#)

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporters Transporting From This Lease : % Transported : Date Effective

Other First Purchasers Purchasing From This Lease : % Purchased Date Effective

Remarks

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature

Title
Engineer

Date

12/9/94

State of Montana

County of Yellowstone

On 12/9/94 Gary L. Evertz, known to me to be the person described in and who executed the foregoing instrument personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

My Commission Expires AUGUST 21, 1996

APPROVED BY:

Date: 12/13/94

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION N

11745

Wesley D. Norton
DIRECTOR

F. E. Wilborn
ASSISTANT DIRECTOR

Clarence G. Carlson
GEOLOGIST

Charles Koch
ENGINEERING DEPT.

Doren Dannewitz
FIELD SUPERVISOR

Glenn Wollan
RECLAMATION SUP.

February 8, 1994

Jan Magstadt
Panterra Petroleum
P.O. Box 7168
Billings, MT 59103-7168

**RE: CHANGE OF OPERATOR FROM JOHN L. COX TO
PANTERRA PETROLEUM
7 WELLS**

Dear Ms. Magstadt:

Please find enclosed a copy of the approved Form 15, Notice of Transfer of Oil and Gas Wells, in regard to the above-referenced matter. These transfers have now been approved and subject wells are now covered by Panterra Petroleum Bond No. B01936, Underwriters Indemnity Co., as Surety.

If you should have any questions, please feel free to contact this office.

Sincerely,

F. E. Wilborn/nmr

F. E. Wilborn
Assistant Director

FEW/mr

Enclosure

cc: John L. Cox
PO Box 2217
Midland, TX 79702



NOTICE OF TRANSFER OF OIL AND GAS WELLS - FORM 15
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5762 (3-92)

BOND NO. B01936

The original and one copy of this form must be submitted to the Industrial Commission of North Dakota, Oil and Gas Division, 800 E. Boulevard Avenue, Bismarck, North Dakota 58505-0840.

TRANSFERRING COMPANY

Name and Address of Representative

JOHN L. COX BOX 2217 MIDLAND, TX 79702

Name of Company Transferring Oil and/or Gas Wells

JOHN L. COX

I, the above named representative, acknowledge the transfer of the oil and/or gas wells named below for the purpose of ownership and/or operation to the company named below.

January 31, 1994

Operator

Signature

Date

Title

(Must be an officer or power of attorney must be attached)

File Number	Requested Official Well Name and Number	Location (Qtr-Qtr, Sec, Twp, Rge)
	Please see attached.	

RECEIVING COMPANY

Name and Address of Representative Panterra Petroleum

Robert L. Nance P. O. Box 7168, Billings, MT 59103-7168

Name of Company Transferring Oil and/or Gas Wells

I, the above named representative, have read the foregoing statement and accept such transfer, also the responsibility of ownership and/or operation of said well or wells, under the said company bond, said bond being tendered to or on file with the Industrial Commission.

Panterra Petroleum, a Montana General Partnership, Nance Petroleum Corporation, Managing Partner

January 31, 1994

President

Partner

Signature

Date

Title

Robert L. Nance

(Must be an officer or power of attorney must be attached)

Principal	Amount of Bond
	\$100,000.00
Name and Address of Surety	
Underwriters Indemnity Company 8 Greenway Plaza, Suite 400, Houston, TX 77046	
We, the above named PRINCIPAL and SURETY, agree that such bond shall extend to compliance with Chapter 38-08 of North Dakota Century Code and amendments and the rules and regulations of the Industrial Commission of the State of North Dakota prescribed to govern the Production of oil and gas on government and private lands within the State of North Dakota, in relation to the above stated transfer; it being further agreed and understood that the bond sum or amount is not to be considered increased because of such extension.	
February 3, 1994 Roy C. Die, Attorney-in-Fact	
Signature Date Title	
(Must be an officer or power of attorney must be attached)	

FOR OFFICE USE ONLY

Approved By	Title	Date
R. L. COX		FEB 6 1994

ATTACHED TO AND MADE A PART OF THAT CERTAIN FORM 15

RECEIVING COMPANY: PANTERRA PETROLEUM, A MONTANA GENERAL PARTNERSHIP
WANCE PETROLEUM CORPORATION, MANAGING PARTNER

LEASE/WELL	DESCRIPTION	FIELD NAME	COUNTY	STATE	FILE #
Basic Game & Fish 34-3	SWSW 3-153-101W	BAKER	McKENZIE	ND	11745
CORPS OF ENGINEERS 31-10	NWNE 10-153N-101W	BAKER	McKENZIE	ND	11920
FRENCH PINNEY 24-3	SESW 3-153N-101W	BAKER	McKENZIE	ND	12129
ROSEBUD 22-11	SENW 11-153N-101W	BAKER	McKENZIE	ND	11549
M & G 14-2	SWSW 2-153N-101W	BAKER	McKENZIE	ND	11751
USA 2-12	SWSE 12-141N-101W	TR	BILLINGS	ND	9262
USA 3-12	NWNE 12-141N-101W	TR	BILLINGS	ND	7014



**PRODUCERS CERTIFICATE OF COMPLIANCE AND
AUTHORIZATION TO TRANSPORT OIL FROM LEASE - FORM 8
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5698 (2-92)**

: Well File Number :
: 11745 :
: -----:
: NDIC CTB Number :
: 111745 :
: -----:

INSTRUCTIONS

The original and four copies of this form must be submitted to the OIL AND GAS DIVISION, 600 E. Boulevard Avenue, Bismarck, ND 58505

34-3
WELL BASIC GAME & FISH (Q/Q) SWSW (SEC.) 3 (TWP.) 153N (RGE.) 101W COUNTY MCKENZIE

PRODUCER: PANTERRA PETROLEUM FIELD BAKER POOL MADISON

ADDRESS CORRESPONDENCE TO: GARY L. EVERTZ, PANTERRA PETROLEUM
550 N. 31ST STREET, SUITE 500, P. O. BOX 7168, BILLINGS, MT 59103

Name of First Purchaser	SCURLOCK PERMIAN CORP.	: % Purchased	: Date Effective
		: 100	2/1/94
Principal Place of Business	650 S. CHERRY ST., STE 210, DENVER, CO 80222-1804		
Field Address	650 S. CHERRY ST., STE 210, DENVER, CO 80222-1804		
Name of Transporter	SCURLOCK PERMIAN CORP. - TRUCK	: % Transported	: Date Effective
Address	650 S. CHERRY ST. STE 210, DENVER, CO	: 100	2/1/94

The above named producer authorizes the above named purchaser to purchase the percentage of oil stated above which is produced from the lease designated above until further notice. The oil will be transported by the above named transporter.

Other Transporters Transporting From This Lease : % Transported : Date Effective
; ; ;

Other First Purchasers Purchasing From This Lease : **% Purchased** **Date Effective**

Remarks

WELLS PURCHASED FROM JOHN L. COX. OPERATORSHIP EFFECTIVE 2-1-94

I certify that the above information is a true and correct report of the transporters and purchasers of oil produced from the above described property. This authorization will be valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature

Sang Ever
ntana

Title
Engineer

Date _____

2/1/94

**State of Montana
County of Yellowstone**

On 2/1/94, Gary L. Evertz, known to me to be the person described in and who executed the foregoing instrument personally appeared before me and acknowledged that (s)he executed the same as a free act and deed.

Penett M. Mayboldt
Notary Public

My Commission Expires

AUGUST 21, 1996

APPROVED BY:

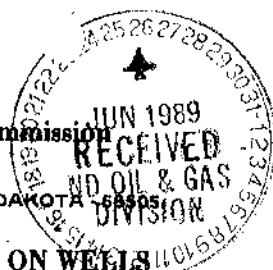
Charles A. Koch

Date: 2/22/94

FORM 4

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505

Well File No. 11745



SUNDRY NOTICES AND REPORTS ON WELLS

- | | | | |
|--|-------|-----------------------------------|-------------------|
| 1. Notice of Intention to Drill or Redrill | _____ | 7. Report of Casing | _____ |
| 2. Notice of Intention to Change Plans | _____ | 8. Report of Redrilling or Repair | _____ |
| 3. Notice of Intention to Pull Casing | _____ | 9. Supplementary History | _____ |
| 4. Notice of Intention to Abandon Well | _____ | 10. Well Potential Test | _____ |
| 5. Report of Water Shut-Off | _____ | 11. Drilling Prognosis | _____ |
| 6. Report of Shooting or Acidizing | _____ | 12. | Put well on pump. |

NAME OF LEASE Basic Game and Fish Date 6/20/89
 WELL NO. 34-3 is located 392 (Surface) ft. from (N) (S) line and 494 ft. from the (E) (W) line
 of Section 3 Township 153-N Range 101-W in McKenzie
 County, Baker Field Madison Pool. The elevation of the Ground
 is 1850 feet above sea level.

Name and Address of Contractor, or Company which will do work is:

Sun Well Service, P. O. Box 2356, Williston, North Dakota 58801

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing, indicate mud weights, cementing points, and all other details of work)

5-3-89: Kill well with 20 bbls. wtr. Unseat Seal Assembly "J" Latch Otis Packer. Pull out of hole with tubing, subs, nipple, Seal Assembly. Packer @9186'. Run new Seal Assembly, per. subs, seating nipple, 2-7/8" tubing. Sting into packer, latch up "J" latch, pull 20,000# tension. Ran Harbison-Fisher pump (2-1/2" x 1-1/2" x 24'), rods (3/4" to 7/8"). Seating Nipple @7950'.

5-4-89: Well to pump @ noon. Move off location.

Company JOHN L. COX
 Address P.O. Box 2217, Midland, TX 79702
 By Martha Wittenbach
 Title Martha Wittenbach, Production Mgr.

Do not write in this space
 Approved JUN 26 1989
 19
 By Jeffell Wilson
 Title Deputy Enforcement Officer

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11745

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

February 12, 1987

Ms. Martha Wittenbach
Production Accounting Manager
John L. Cox
P. O. Box 2217
Midland, TX 79702

RE: Change of Operators
#11549 - Rosebud 22-11
#11745 - Basic Game & Fish 34-3
#11920 - Basic Corps of Eng. 31-10

Dear Ms. Wittenbach:

Enclosed are approved copies of the Form 2, 8, and 15 for the Change of Operator, for the above captioned wells, located in McKenzie County, North Dakota.

The former operator of the wells was Basic Earth Science Systems, Inc.

If you have any questions, please do not hesitate to contact this office.

Sincerely yours,



Donna R. Bauer
Permit/Bond Secretary

/drb

Enclosures

cc: Basic Earth Science Systems, Inc.
P. O. Box 3088
Englewood, CO 80155

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505



NOTICE OF TRANSFER OF OIL & GAS WELLS

I, Jeffery E. Jones, of Basic Earth Science Systems, Inc. (Company) do hereby acknowledge the transfer for the purpose of ownership and/or operation of the following oil and/or gas wells to John L. Cox (Company)

OFFICIAL WELL NAME

LOCATION

BASIC GAME & FISH #34-3

11745

Surface: 392'FSL & 494'FWL

Section 2, T153N, R101W

BHL: 1200'FEL & 660'FSL
Section 3, T153N, R101W
McKenzie County, North Dakota

By

Jeffery E. Jones
Jeffery E. Jones

Its

Vice President

I, Martha Wittenbach, of John L. Cox (Company) have read the foregoing statement and accept such transfer, also, the responsibility of ownership and/or operation of said well or wells.

By

Martha Wittenbach
Martha Wittenbach

Its

Production Acctg. Mgr.

John L. Cox, as Principal, and National Surety Corporation as Surety, on a drilling bond in the penalty of \$50,000.00, (amount of bond) executed on November 4, 1985 in favor of the State of North Dakota, hereby agree that such bond shall extend to compliance with Chapter 38-08 of N.D. Century Code and amendments thereto and the rules and regulation of the Industrial Commission of the State of North Dakota prescribed to govern the production of oil and gas on state and private lands within the State of North Dakota, in relation to the above stated transfer; it being further agreed and understood that the bond sum or amount is not to be considered increased because of such extension.

John L. Cox

By: Martha Wittenbach (Principal)
Martha Wittenbach, Prod. Acctg. Mgr.
National Surety Corporation (Surety)

By Linda F. Hughes

Do not write in this space. Linda F. Hughes, Attorney-in-Fact
2-10-87

Approved FEB 12 1987 19

By _____

Title Jeffery E. Jones

Deputy Enforcement Officer



North Dakota State Industrial Commission
Oil and Gas Division

900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505

Well File No. 1111

PRODUCERS CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO
TRANSPORT OIL FROM LEASE

WELL 34-3 (SEC.) 3 (TWP.) 153N (RGE.) 101W COUNTY McKenzie

PRODUCER JOHN L. COX FIELD Baker POOL Madison

ADDRESS CORRESPONDENCE TO JOHN L. COX
400 West Wall

STREET Box 2217 CITY Midland STATE Texas 79702

THE ABOVE NAMED PRODUCER HEREBY AUTHORIZES THE PERMIAN CORPORATION

(Name of Purchaser)

WHOSE PRINCIPAL PLACE OF BUSINESS IS Box 1183 Houston, Tx 77251-1183
(Street) (City) (State)

AND WHOSE FIELD ADDRESS IS Williston, North Dakota

TO TRANSPORT 100 % OF THE OIL PRODUCED FROM THE LEASE DESIGNATED ABOVE UNTIL
FURTHER NOTICE

THE OIL WILL BE TRANSPORTED BY THE PERMIAN CORPORATION - TRUCKS
(Name of Transporter)

OTHER PURCHASERS TRANSPORTING OIL FROM THIS LEASE ARE:

<u>N/A</u>	<u>%</u>	<u>N/A</u>	<u>%</u>
(Name of Purchasers)		(Name of Purchasers)	

REMARKS: JOHN L. COX ASSUME OPERATION OF THIS PROPERTY February 1, 1987

The undersigned certifies that the rules and regulations of the State Industrial Commission have been complied with except as noted above and that the purchaser is authorized to transport the above percentage of oil produced from the above described property and that this authorization will be valid until further notice to the purchaser named herein until canceled by the OPERATOR

Executed this 5th day of February, 1987. JOHN L. COX
(Company or Operator)

STATE OF Texas)
COUNTY OF Midland)
ss

Martha Wittenbach Prodn. Acctng. Mgr.
(Signature) Martha Wittenbach (Title)

Before me the undersigned authority, on this day personally appeared MARTHA WITTENBACH known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this the 5th day of November, 1987.

Lucy Brittan

My Commission expires 7-16-88 Notary Public in and for Midland County, Texas

Approved by: F. E. Williams
(Deputy Enforcement Officer)

FEB 12 1987

(Date)

(Instructions Over)

11/11/85



DATADRIL

Division of Smith International, Inc.

**REPORT
of
DIRECTIONAL WELL
SURVEY**



BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2
SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2
SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.
OCTOBER 23, 1985

MSS
13 DEGREES EAST

File Name: BESSSURWD

***** RECORD OF SURVEY *****
Calculated by Sii DATADRIL's C.A.D.B.S. System

Radius of Curvature Method
All Angles are Decimal
Vertical Section Plane: N 76.08 W

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	DOGLEG SEVERITY (DEG/100')
3000.00	1.00	N 51.89 W	0.00	2999.43	21.02 N 19.47 W	23.95	28.65	N 42.81 W	0.00
3258.00	1.00	S 85.00 W	298.00	3297.38	22.47 N 24.34 W	29.03	33.12	N 47.29 W	.25
3577.00	1.50	S 83.00 W	279.00	3576.32	21.83 N 30.39 W	34.75	37.42	N 54.31 W	.18
3978.00	.50	N 72.00 W	401.00	3977.25	22.50 N 37.30 W	41.82	43.56	N 58.91 W	.27
4034.00	1.75	N 89.00 W	56.00	4033.24	22.68 N 38.38 W	42.71	44.58	N 59.42 W	2.29
4074.00	3.50	S 73.00 W	40.00	4073.20	22.42 N 40.19 W	44.40	46.02	N 60.84 W	4.78
4167.00	6.00	S 81.00 W	93.00	4165.87	20.69 N 47.69 W	51.26	51.98	N 66.54 W	2.77
4260.00	8.00	S 79.00 W	93.00	4258.17	18.72 N 50.05 W	61.62	61.75	N 72.35 W	2.17
4353.00	9.00	S 80.00 W	93.00	4350.15	16.22 N 72.36 W	74.14	74.16	N 77.37 W	1.09
4445.00	10.25	S 80.00 W	92.00	4440.85	13.55 N 87.51 W	88.20	88.55	N 81.20 W	1.36
4538.00	10.00	S 83.00 W	93.00	4532.40	11.13 N 103.68 W	103.31	104.27	N 83.87 W	.63
4631.00	10.50	S 85.00 W	93.00	4623.92	9.40 N 120.14 W	118.87	120.50	N 85.52 W	.66
4787.00	11.50	N 85.00 W	156.00	4777.05	9.40 N 149.98 W	147.72	150.16	N 86.41 W	1.38
4860.00	11.50	N 85.00 W	93.00	4868.18	11.02 N 168.33 W	166.04	168.69	N 88.25 W	0.00
4963.00	12.00	N 79.00 W	83.00	4949.44	13.37 N 185.06 W	182.85	185.55	N 85.87 W	1.59
5057.00	13.75	N 67.00 W	94.00	5041.08	19.48 N 205.06 W	203.72	205.98	N 84.57 W	3.39
5164.00	14.00	N 63.00 W	107.00	5144.95	30.32 N 228.31 W	228.90	230.31	N 82.43 W	.93
5256.00	13.00	N 62.00 W	92.00	5234.41	40.24 N 247.36 W	249.77	250.61	N 80.76 W	1.12
5349.00	13.00	N 61.00 W	93.00	5325.03	50.22 N 265.74 W	270.02	270.45	N 79.30 W	.24
5440.00	13.00	N 59.00 W	91.00	5413.70	60.46 N 283.47 W	289.69	289.85	N 77.96 W	.49
5486.00	13.00	N 59.00 W	26.00	5439.03	63.47 N 288.48 W	295.28	295.38	N 77.59 W	0.00

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2

SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	DOGLEG SEVERITY (DEG/100')
5528.00	13.00	N 74.00 W	62.00	5499.44	69.02 N 301.24 W	308.99	309.04	N 77.10 W	.543
5630.00	12.25	N 86.00 W	102.00	5598.97	72.49 N 323.20 W	331.15	331.23	N 77.36 W	.308
5691.00	11.50	N 90.00 W	61.00	5658.67	72.71 N 335.75 W	343.38	343.53	N 77.78 W	1.40
5753.00	12.00	S 85.00 W	62.00	5719.37	72.16 N 348.36 W	355.49	355.76	N 78.30 W	1.83
5875.00	11.25	S 86.00 W	122.00	5838.86	70.23 N 372.87 W	378.81	379.43	N 79.33 W	.64
5936.00	11.50	N 90.00 W	61.00	5898.67	69.81 N 384.89 W	390.38	391.17	N 79.72 W	1.36
6031.00	11.75	N 88.00 W	95.00	5981.72	70.15 N 404.03 W	409.04	410.07	N 80.15 W	.50
6124.00	12.00	N 83.00 W	93.00	6082.73	71.65 N 423.10 W	427.91	429.12	N 80.39 W	1.14
6217.00	11.25	N 82.00 W	93.00	6173.82	74.10 N 441.68 W	446.53	447.85	N 80.48 W	.84
6311.00	11.25	N 80.00 N	94.00	6266.01	76.96 N 459.79 W	464.80	466.19	N 80.50 W	.42
6403.00	11.00	N 79.00 W	92.00	6356.28	80.20 N 477.25 W	482.52	483.94	N 80.46 W	.34
6496.00	10.75	N 79.00 W	93.00	6447.61	83.55 N 494.47 W	500.05	501.48	N 80.41 W	.27
6590.00	10.75	N 79.00 W	94.00	6539.96	86.89 N 511.68 W	517.56	519.01	N 80.36 W	0.00
6683.00	11.00	N 77.00 N	93.00	6631.29	90.54 N 528.84 W	535.09	536.54	N 80.28 W	.49
6775.00	11.00	N 76.00 W	92.00	6721.60	94.84 N 545.91 W	552.65	554.05	N 80.17 W	.21
6867.00	11.25	N 75.00 W	94.00	6813.84	99.18 N 563.47 W	570.78	572.13	N 80.02 W	.34
6932.00	11.25	N 75.00 W	63.00	6875.63	102.36 N 575.34 W	583.07	584.38	N 79.91 W	0.00
7148.00	11.25	N 75.00 W	216.00	7087.48	113.27 N 616.05 W	625.20	626.37	N 79.58 W	0.00
7240.00	10.50	N 74.00 W	92.00	7177.82	117.91 N 632.77 W	642.55	643.66	N 79.45 W	.84
7333.00	9.25	N 73.00 W	93.00	7269.44	122.44 N 648.06 W	658.49	659.53	N 79.30 W	1.36
7395.00	9.25	N 74.00 W	82.00	7330.64	125.27 N 657.62 W	668.44	669.44	N 79.22 W	.26
7457.00	9.25	N 74.00 W	62.00	7391.83	128.01 N 667.20 W	678.40	679.37	N 79.14 W	0.00
7520.00	9.25	N 74.00 W	63.00	7454.01	130.80 N 676.93 W	688.52	689.46	N 79.06 W	0.00
7582.00	9.00	N 74.00 W	62.00	7515.23	133.51 N 686.39 W	698.35	699.25	N 78.99 W	.40
7680.00	9.50	N 78.00 W	98.00	7611.95	137.32 N 701.67 W	714.10	714.98	N 78.93 W	.83
7742.00	10.00	N 80.00 W	62.00	7673.06	139.33 N 711.97 W	724.58	725.48	N 78.93 W	.97
7804.00	10.00	N 83.00 W	62.00	7734.12	140.92 N 722.62 W	735.30	736.23	N 78.97 W	.84
7866.00	10.00	N 86.00 W	62.00	7795.17	141.95 N 733.34 W	745.95	746.95	N 79.04 W	.84
7928.00	10.75	N 87.00 W	62.00	7856.16	142.63 N 744.48 W	756.93	758.02	N 79.15 W	1.24
7991.00	11.25	N 87.00 W	63.00	7918.00	143.26 N 756.48 W	769.73	769.93	N 79.28 W	.79
8084.00	12.00	N 90.00 W	93.00	8009.09	143.75 N 775.22 W	787.03	788.43	N 79.49 W	1.04
8176.00	13.00	S 89.00 W	92.00	8098.91	143.58 N 795.13 W	806.32	807.99	N 79.76 W	1.11
8238.00	13.50	S 88.00 W	62.00	8159.26	143.21 N 809.33 W	820.02	821.90	N 79.97 W	.89

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2

SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	DOGLEG SEVERITY (DEG/100')
8330.00	15.00	S 88.00 W	92.00	8248.43	142.42 N 831.96 W	841.79	844.07	N 80.29 W	.63
8392.00	16.00	S 88.00 W	62.00	8308.17	141.84 N 848.52 W	857.73	860.30	N 80.51 W	.61
8461.00	16.00	S 88.00 W	89.00	8393.72	140.98 N 873.04 W	881.32	884.35	N 80.83 W	0.00
8573.00	16.00	S 89.00 W	92.00	8482.16	140.32 N 898.39 W	905.76	909.28	N 81.12 W	.30
8667.00	15.25	S 89.00 W	94.00	8572.69	139.88 N 923.70 W	930.23	934.23	N 81.39 W	.80
8729.00	15.25	N 90.00 W	62.00	8632.50	139.73 N 940.01 W	946.02	950.34	N 81.54 W	.42

SMITH DRILLING SYSTEMS DRILLER RELEASED

8916.00	14.00	N 90.00 W	187.00	8813.44	139.73 N 987.23 W	991.85	997.07	N 81.94 W	.67
9010.00	13.00	N 88.00 W	94.00	8904.84	140.12 N 1009.16 W	1013.24	1018.85	N 82.10 W	1.17
9072.00	13.00	N 86.00 W	62.00	8965.25	140.85 N 1023.09 W	1026.93	1032.74	N 82.16 W	.73
9160.00	12.25	N 87.00 W	88.00	9051.12	142.02 N 1042.29 W	1045.85	1051.92	N 82.24 W	.89
9224.00	12.00	N 85.00 W	64.00	9113.70	142.98 N 1055.70 W	1059.09	1065.33	N 82.29 W	.76
9271.00	12.00	N 86.00 W	47.00	9159.67	143.72 N 1065.44 W	1068.73	1075.09	N 82.32 W	.44
9323.00	11.50	N 86.00 W	52.00	9210.58	144.46 N 1076.00 W	1079.16	1085.66	N 82.35 W	.76
9384.00	11.75	N 85.00 W	61.00	9270.33	145.43 N 1088.26 W	1091.28	1097.93	N 82.36 W	.53
9447.00	11.75	N 85.00 W	63.00	9332.01	146.55 N 1101.04 W	1103.96	1110.75	N 82.42 W	0.00
9503.00	11.75	N 86.00 W	56.00	9386.83	147.44 N 1112.41 W	1115.21	1122.14	N 82.45 W	.36
9545.00	11.50	N 84.00 W	42.00	9427.97	148.18 N 1120.84 W	1123.57	1130.59	N 82.47 W	1.13
9614.00	11.50	N 83.00 W	69.00	9495.59	149.74 N 1134.51 W	1137.21	1144.34	N 82.48 W	.29
9686.00	12.25	N 83.00 W	72.00	9566.05	151.54 N 1149.21 W	1151.92	1159.16	N 82.49 W	1.04

BOTTOM HOLE CLOSURE: 1159.16 Feet at N 82 Degrees 29 Minutes 16 Seconds W

BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2
SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

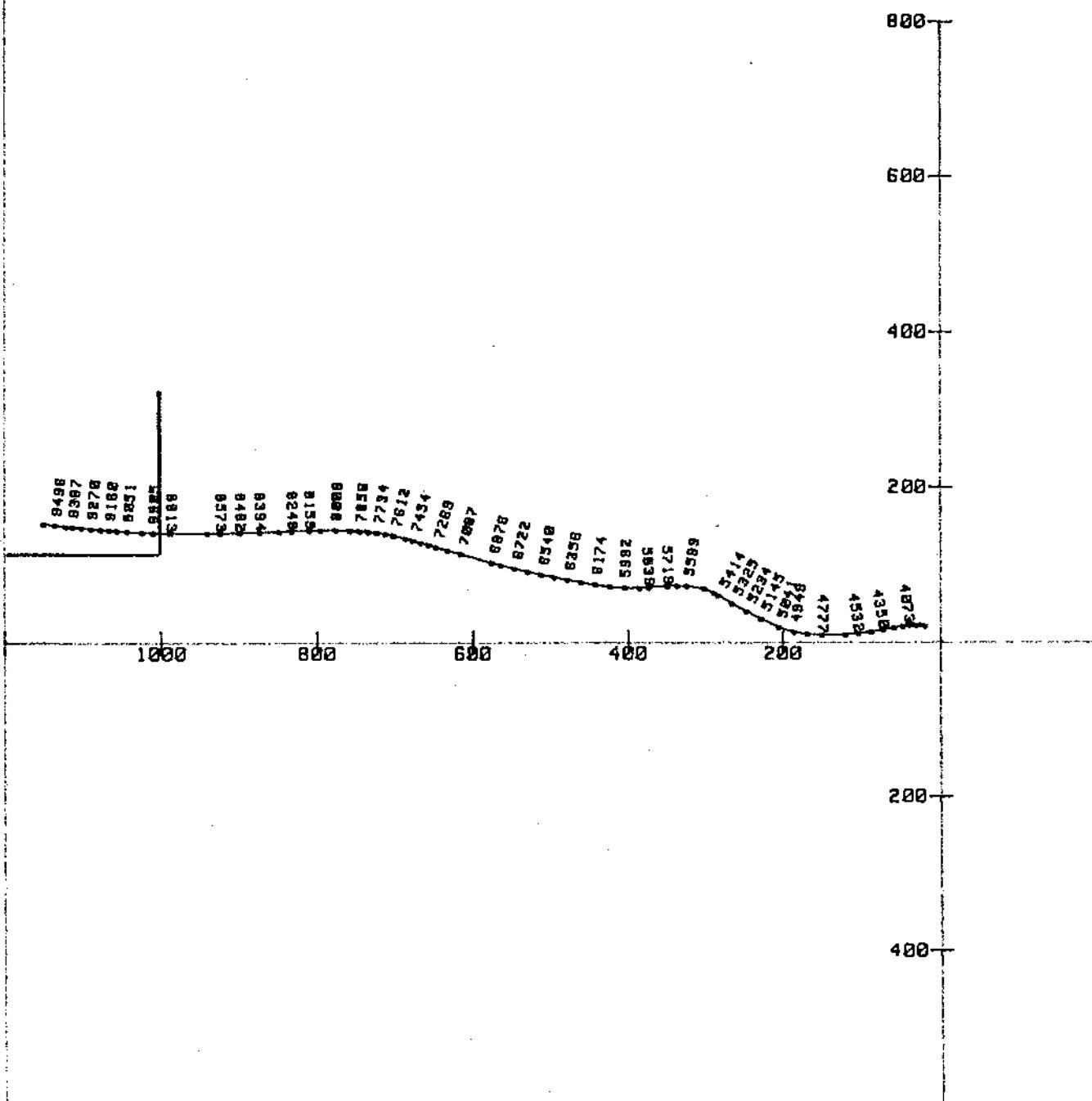
SMITH **i** DATA DRILL
Division of Smith International, Inc.

HORIZONTAL PLOT



SCALE: 200 FEET/INCH

BHL: 1159 FEET
@ N 82.49 W
TVD: 9566 FEET
MD: 9686 FEET

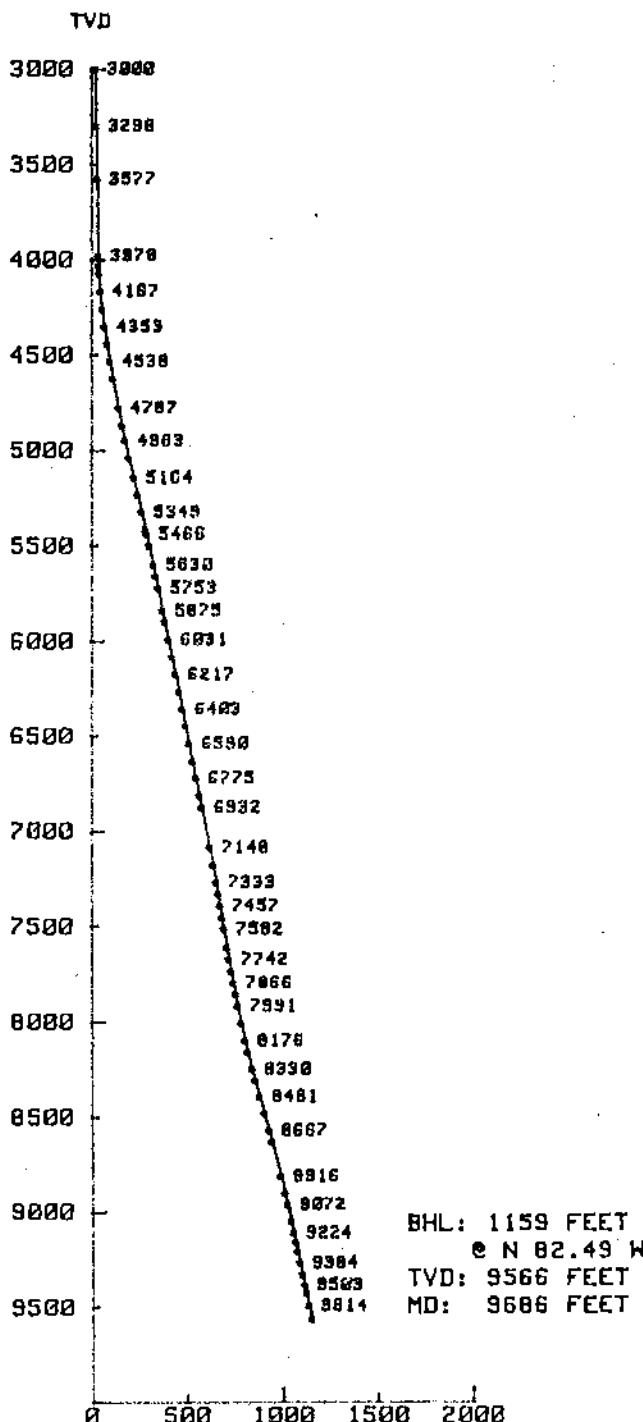


BASIC EARTH SCIENCE SYSTEMS
BASIC GAME & FISH 14-2
SEC 2-T153N-R101W
WILLIAMS COUNTY, N. DAK.

SMITH **SiDATADRIL**
Division of Smith International, Inc.

VERTICAL PLOT

SCALE: 1000 FEET/INCH



VERTICAL SECTION
SECTION PLANE: N 76.08 W

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
GAME AND FISH 34-3
WILLIAMS COUNTY, NORTH DAKOTA
SKUNK HOLLOW FIELD
OCTOBER 30, A985

GYROSCOPIC MULTI-SHOT SURVEY
0 - 3000'

FILE NAME: BESSGYRSUR

***** RECORD OF SURVEY *****
Calculated by Sii DATADRIL's C.A.D.D.S. System

Radius of Curvature Method
All Angles are Decimal
Vertical Section Plane: N 76.02 W

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	D O G L E G SEVERITY (DEG/100')
0.00	0.00	N 0.00 E	0.00	0.00	0.00 N 0.00 E	0.00	0.00	N 0.00 E	0.00
100.00	0.00	N 0.00 E	100.00	100.00	0.00 N 0.00 E	0.00	0.00	N 0.00 E	0.00
200.00	0.00	N 0.00 E	100.00	200.00	0.00 N 0.00 E	0.00	0.00	N 0.00 E	0.00
300.00	.25	S 33.00 E	100.00	300.00	.18 S .12 E	-.16	.22	S 33.00 E	.25
400.00	0.00	N 0.00 E	100.00	400.00	.37 S .24 E	-.32	.44	S 33.00 E	.25
500.00	0.00	N 0.00 E	100.00	500.00	.37 S .24 E	-.32	.44	S 33.00 E	0.00
600.00	0.00	N 0.00 E	100.00	600.00	.37 S .24 E	-.32	.44	S 33.00 E	0.00
700.00	.75	S 49.49 E	100.00	700.00	.79 S .74 E	-.90	1.06	S 42.90 E	.75
800.00	.75	S 79.54 E	100.00	799.99	1.35 S 1.90 E	-2.17	2.33	S 54.70 E	.39
900.00	.75	S 86.62 E	100.00	899.98	1.51 S 3.20 E	-3.47	3.54	S 64.82 E	.09
1000.00	.50	S 84.88 E	100.00	999.97	1.59 S 4.29 E	-4.55	4.57	S 69.71 E	.25
1100.00	1.00	S 79.97 E	100.00	1099.96	1.76 S 5.59 E	-5.85	5.86	S 72.53 E	.50
1200.00	1.00	N 30.98 E	100.00	1199.95	1.08 S 7.08 E	-7.13	7.16	S 21.34 E	1.13
1300.00	1.00	N 29.94 E	100.00	1299.93	.43 N 7.97 E	-7.63	7.98	N 86.94 E	.02
1400.00	1.00	N 35.89 E	100.00	1399.92	1.88 N 8.93 E	-8.21	9.12	N 78.09 E	.12
1500.00	1.00	N 16.15 W	100.00	1499.90	3.54 N 9.23 E	-8.11	9.88	N 69.02 E	.89
1600.00	.75	N 39.14 W	100.00	1599.89	4.88 N 8.53 E	-7.10	9.82	N 60.20 E	.43
1700.00	.75	N 27.97 W	100.00	1699.88	5.97 N 7.80 E	-6.14	9.83	N 52.58 E	.15
1800.00	.75	N .09 E	100.00	1799.87	7.23 N 7.49 E	-5.53	10.41	N 46.02 E	.36
1900.00	1.00	N 53.85 W	100.00	1899.86	8.54 N 6.83 E	-4.57	10.93	N 38.63 E	.82
2000.00	1.25	N 59.79 W	100.00	1999.84	9.62 N 5.18 E	-2.72	10.92	N 28.33 E	.28

Sii DATADRIL
Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
GAME AND FISH 34-3

WILLIAMS COUNTY, NORTH DAKOTA
SKUNK HOLLOW FIELD

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	C L O S U R E DIRECTION (DEG)	DOGLEG SEVERITY (DEG/100')
2100.00	1.50	N 56.73 W	100.00	2099.81	10.88 N 3.14 E	-43	11.32	N 16.11 E	.26
2200.00	2.00	N 52.39 W	100.00	2199.77	12.65 N .85 E	2.41	12.66	N 2.96 E	.52
2300.00	2.25	N 57.33 W	100.00	2299.70	14.78 N 2.38 W	5.86	14.97	N 9.13 W	.31
2400.00	2.25	N 70.27 W	100.00	2399.62	16.51 N 5.89 W	9.69	17.53	N 19.64 W	.51
2500.00	2.00	N 64.22 W	100.00	2499.55	17.94 N 9.31 W	13.35	20.22	N 27.42 W	.34
2600.00	1.50	N 89.17 W	100.00	2599.51	18.64 N 12.26 W	16.38	22.31	N 33.33 W	.90
2700.00	1.00	N 84.06 W	100.00	2699.48	18.77 N 14.43 W	18.53	23.60	N 37.56 W	.51
2800.00	1.25	N 79.00 W	100.00	2799.46	19.06 N 16.38 W	20.48	25.13	N 40.67 W	.27
2900.00	1.00	N 48.95 W	100.00	2899.44	19.91 N 18.12 W	22.38	26.92	N 42.30 W	.53
3000.00	1.00	N 51.89 W	100.00	2999.43	21.02 N 19.47 W	23.95	28.65	N 42.80 W	.05

BOTTOM HOLE CLOSURE: 28.65 Feet at N 42 Degrees 47 Minutes 49 Seconds W

BASIC EARTH SCIENCE SYSTEMS
GAME AND FISH 34-3
WILLIAMS COUNTY, NORTH DAKOTA
SKUNK HOLLOW FIELD

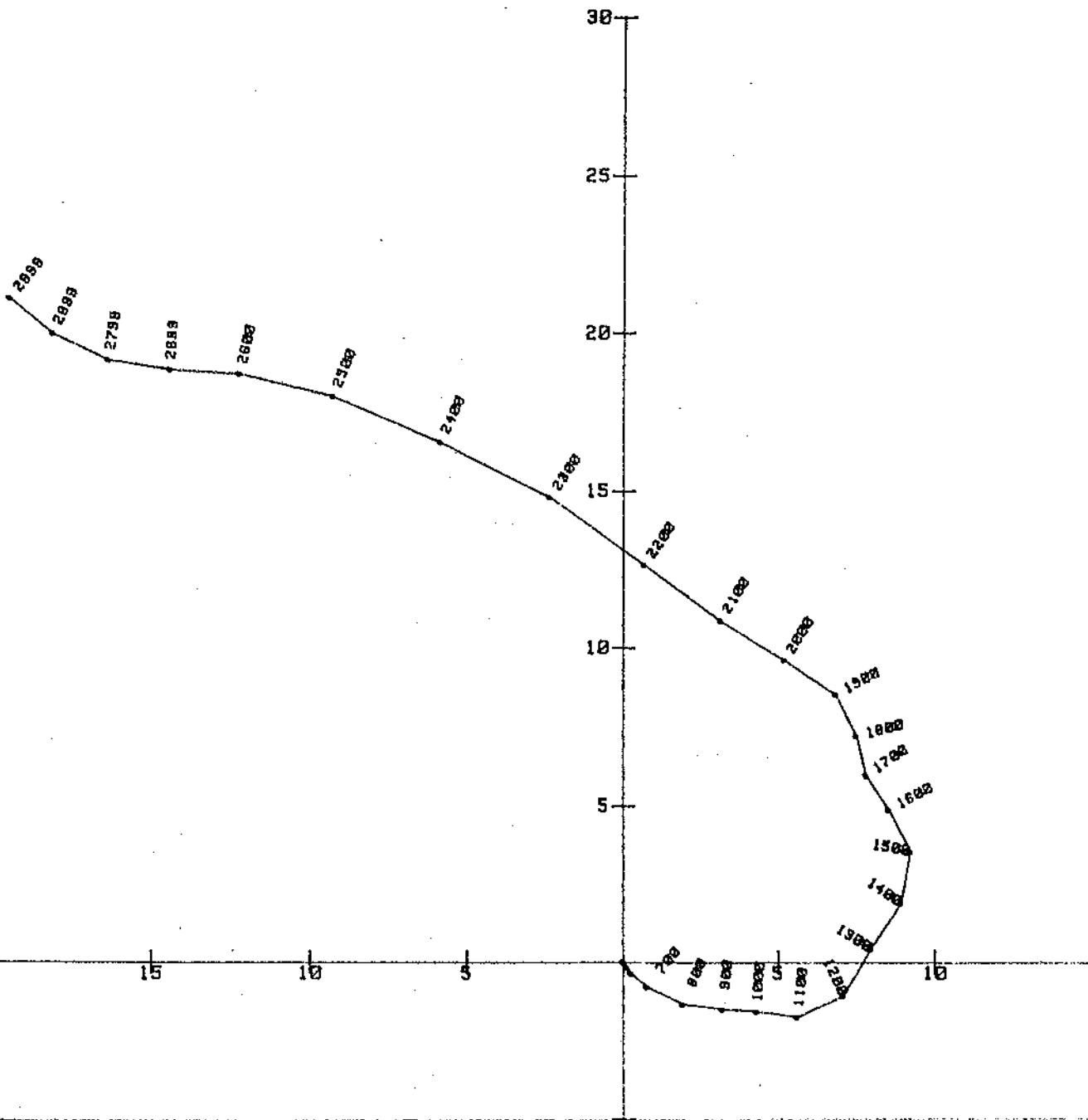
SMITH DATADRIL
Division of Smith International, Inc.

HORIZONTAL PLOT



SCALE: 5 FEET/INCH

BHL: 29 FEET
E N 42.80 W
TVD: 2999 FEET
MD: 3000 FEET





Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

January 9, 1987

North Dakota Industrial Commission
Oil and Gas Division
900 East Boulevard
Bismarck, ND 58505

Attn: Ms. Lyn Entzi



Re: Basic Game & Fish #34-3
SW SE Sec. 3, T153N, R101W
McKenzie County, ND
Well File #11745

Dear Ms. Entzi:

Enclosed please find three copies of the Directional Survey Report for the above referenced well.

My apologies for the inconvenience, please do not hesitate to contact me if you need anything further.

Sincerely,

Basic Earth Science Systems, Inc.

April Kreis
April Kreis
Production Technician

ak

Enclosures

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11745

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE Q. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

January 5, 1987

BASIC EARTH SCIENCE SYSTEMS INC
ATTN MS JUDITH C BURKE
P O BOX 3088
ENGLEWOOD CO 80155

RE: Returning Information

Dear Ms. Burke:

Enclosed are the forms for a permit to drill, which are being returned to you since our office has been holding these forms since October of 1986. There is no room on your present bond, therefore we can not issue a permit until a new bond is issued.

If you have any questions, please do not hesitate to contact us.

Sincerely yours,



Donna R. Bauer
Permit/Bond Secretary

drb

Enclosures

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

December 29, 1986

Basic Earth Science Systems, Inc.
Mr. Jeffrey Jones
P.O. Box 3088
Englewood, CO 80155

RE: #11745 - BASIC GAME & FISH
#34-3 - SW SE 03-153-101

Dear Mr. Jones:

In reviewing our files, I have noted that the Directional Survey Reports in regard to the above-captioned file are missing. Please send them at your earliest convenience, in triplicate. Thank you.

Sincerely,


Lyn Entzi

lse

basic

Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

November 26, 1986



Mr. Tim Kolke
Real Estate Division
Department of the Army
Omaha District, Corps of Engineers
1612 U.S. Post Office and Courthouse
Omaha, NE 68102-4978

Re: Basic Game & Fish #24-3
Township 153 North-Range 101 West
Section 3: SW_{1/4} SE_{1/4}
McKenzie County, ND 11745

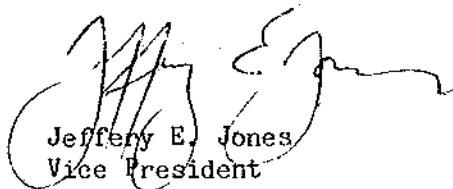
Dear Mr. Kolke:

Enclosed you will find an executed copy of Letter Grant No. DACW45-9-87-6027. Basic Earth Science Systems, Inc. has recently decided to postpone the drilling of the Basic Game & Fish #24-3 until the next fiscal year. Therefore, we request that the Corps of Engineers hold this approved Application to Drill in suspense. We will advise you of our desire to reactivate this well as soon as we have firmed up the spud date.

Thank you for your cooperation and feel free to contact me if you have any questions about our request for suspension.

Sincerely,

Basic Earth Science Systems, Inc.



A handwritten signature in black ink, appearing to read "Jeffery E. Jones". Below the signature, the name "Jeffery E. Jones" is printed in a smaller, sans-serif font, followed by "Vice President" in a slightly smaller font.

JEJ:jb

encl.

cc: North Dakota Industrial Commission w/o encl.
North Dakota Game and Fish Department w/o encl.

Multi-point basic

Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

November 12, 1986

11745

Chief, Operations Division
Corps of Engineers
6014 U.S. Post Office & Courthouse
Omaha, NE 68102

Project Manager
Garrison Project Office
Administration Building
Riverdale, ND 58565

North Dakota Industrial Commission
Oil and Gas Division
900 E. Boulevard
Bismarck, ND 58505

Re: Basic Game & Fish #24-3
Township 153 North-Range 101 West
Section 3: SE $\frac{1}{4}$ SW $\frac{1}{4}$
McKenzie County, ND

Gentlemen:

Enclosed please find a copy of the Surface Damage Agreement (Exhibit 12) which was inadvertently omitted as an enclosure to our letter of October 31st, and is to be included with the Multi-point Surface Use and Operations Plan for the above referenced well.

Our apologies for any inconvenience this may have caused. Please do not hesitate to contact me if you have any questions.

Sincerely,

Basic Earth Science Systems, Inc.

Jeffrey E. Jones
Jeffrey E. Jones *ak*
Vice President

JEJ:ak

Enclosure



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

October 31, 1986

Mr. Bruce Renhowe
Wildlife Resource Management Biologist
North Dakota Game and Fish Department
214 Rose Lane
Williston, ND 58801

Re: Surface Damage Agreement
Basic Game & Fish #24-3
Township 153 North-Range 101 West
Section 3: SE $\frac{1}{4}$ SW $\frac{1}{4}$
McKenzie County, North Dakota

Dear Mr. Renhowe:

Basic Earth Science Systems, Inc. hereby agrees to a surface damage amount equivalent to \$1,250.00 per acre to be contributed in the form of work for North Dakota Game and Fish projects. Once the actual location is built, our representative will meet with you at your convenience to measure the actual size of the damaged area.

It is also understood that the access roads will be upgraded and maintained in accordance with the multi-point and surface use and operations plan. It is further understood that should we obtain a productive well, that we will be responsible for maintaining the access roads with whatever assistance we can obtain from the township.

If you have any questions regarding the above settlement, please contact me immediately.

Sincerely,

Basic Earth Science Systems, Inc.

Jeffrey E. Jones
Vice President

JEJ:jb

11745

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

September 15, 1986

Mr. Jeffery E. Jones
Basic Earth Science Systems
P.O. Box 3088
Englewood, Colorado 80155

RE: Basic Game & Fish #34-3
SW SE Section 3-T153N-R101W
Well File No. 11745

Basic Corps of Engineers #31-10
NW NE Section 10-T153N-R101W
Well File No. 11920

Rosebud #22-11
SE NW Section 11-T153N-R101W
Well File No. 11549

Dear Mr. Jones:

Upon a recent inspection of the above captioned wells, I noted the following problems:

Basic Game & Fish #34-3 - reclamation of the drilling pit must be completed immediately. The ignitor is not working and must be repaired as soon as possible. Additionally, there is an area around the production equipment that is very weedy and is a potential fire hazard.

Rosebud #22-11 - ignitor was not working. Also weeds on the location that need to be removed.

Basic Corps of Engineers #31-10 - the drilling pit mud cuttings must be hauled out to an approved disposal pit and the drilling pit on location reclaimed immediately.

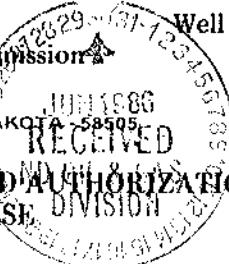
Please take care of these problems as soon as possible. If you have any questions, feel free to contact our office.

Sincerely,

Tom Delling kb
Tom Delling
Field Inspector

TD/rls

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505



**PRODUCERS CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO
TRANSPORT OIL FROM LEASE**

Basic Game & Fish #34-3

WELL _____ (SEC.) 3 (TWP.) 153N (RGE.) 10IW COUNTY McKenzie

PRODUCER Basic Earth Science Systems, Inc. FIELD Baker POOL Madison

ADDRESS CORRESPONDENCE TO Jeffery E. Jones, Basic Earth Science Systems, Inc.

STREET P. O. Box 3088 CITY Englewood STATE CO 80155

THE ABOVE NAMED PRODUCER HEREBY AUTHORIZES The Permian Corporation

(Name of Purchaser)

WHOSE PRINCIPAL PLACE OF BUSINESS IS P. O. Box 3119, Midland, TX 79702

(Street)

(City)

(State)

AND WHOSE FIELD ADDRESS IS P. O. Box 2358, Williston, ND 58801

TO TRANSPORT 100 % OF THE OIL PRODUCED FROM THE LEASE DESIGNATED ABOVE UNTIL
FURTHER NOTICE

THE OIL WILL BE TRANSPORTED BY The Permian Corporation

(Name of Transporter)

OTHER PURCHASERS TRANSPORTING OIL FROM THIS LEASE ARE:

None

(Name of Purchasers) %

(Name of Purchasers) %

%

REMARKS:

The Permian Corporation is replacing Koch Oil Company as purchaser. Effective date is July 1, 1986.

The undersigned certifies that the rules and regulations of the State Industrial Commission have been complied with except as noted above and that the purchaser is authorized to transport the above percentage of oil produced from the above described property and that this authorization will be valid until further notice to the purchaser named herein until canceled by the Producer.

Executed this 25th day of June, 1986 at Basic Earth Science Systems, Inc.

(Company or Operator)

STATE OF Colorado }
COUNTY OF Arapahoe } ss

(Signature) Jeffery E. Jones, Vice President (Title)

Before me the undersigned authority, on this day personally appeared Jeffery E. Jones known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this the 25th day of June, 1986

Danya De Haast

My Commission expires 10-19-88, Notary Public in and for Arapahoe County, Colorado

JUN 3 1986

Approved by: Barry Shultz (Deputy Enforcement Officer)

(Date)



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado
80155-3088
(303) 792-5230

June 26, 1986



North Dakota State Industrial Commission
Oil and Gas Division
900 East Boulevard
Bismarck, ND 58505

Re: Basic Game & Fish #34-3
Sec. 3, T153N, R101W
Rosebud #22-11
Sec. 11, T153N, R101W
McKenzie County, ND

Gentlemen:

Enclosed you will find four copies of Producers Certificate of Compliance and Authorization to Transport Oil from Lease, Form 8, for each of the wells referenced above.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Basic Earth Science Systems, Inc.

Judy Burke
Judy Burke
Lease Analyst/Permit Coordinator

encl.

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11745

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

June 6, 1986

Mr. Jeffery E. Jones
Basic Earth Science Systems Inc.
Box 3088
Englewood, Colorado 80155

RE: Basic Game & Fish 34-3
SW SW Section 2-T153N-R101W
Well File No. 11745

Dear Mr. Jones:

Our office has received the Sundry Notice (Form 4) for the above captioned well. Restoration of this site should be completed as soon as possible and the drilling fluids within the pit should be removed immediately. As noted on the enclosed sheet, after the well is plugged or completed, reclamation of the drill site should start within one month.

If you have any questions, feel free to call our office. Thank you.

Sincerely,

Kenneth Kallestad

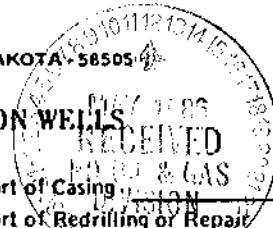
Kenneth Kallestad
Reclamation Supervisor

rls
Enclosure

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505

SUNDRY NOTICES AND REPORTS ON WELLS

- | | |
|--|-----------------------------------|
| 1. Notice of Intention to Drill or Redrill | 7. Report of Casing |
| 2. Notice of Intention to Change Plans | 8. Report of Redrilling or Repair |
| 3. Notice of Intention to Pull Casing | 9. Supplementary History |
| 4. Notice of Intention to Abandon Well | 10. Well Potential Test |
| 5. Report of Water Shut-Off | 11. Drilling Prognosis |
| 6. Report of Shooting or Acidizing | 12. Rehabilitation Notice |



NAME OF LEASE Basic Game & Fish Date May 1, 1986
 WELL NO. #34-3 is located 392 ft. from (N) (S) line and 494 ft. from the (E) (W) line
 of Section 2 Township 153N Range 101W in McKenzie
 County, Wildcat Field Red River Pool. The elevation of the ground
 is 1850 feet above sea level.

Name and Address of Contractor, or Company which will do work is: Hexom Earth Construction
 Rt. 3, Box 238
 Williston, ND 58801

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing,
 indicate mud weights, cementing points, and all other details of work)

- A. Salt water hauled to Great Plains Petroleum disposal well, Great Plains #21-16.
 - B. All drill cuttings, drilling fluids, pit liner and nonflammable waste will be removed and disposed of. Due to the low location, the area outside of the pit will be channeled to divert local water from pit to prevent refilling and aid in drying.
 - C. Drill site will be leveled and contoured, redistribution of the topsoil will be delayed one year to allow for settling of the location.
 - D. Dirt contractor is Hexom Earth Construction, Rt. 3, Box 238, Williston, ND 58801.
 - E. Restoration to begin approximately August 1, 1986, and completed by September 1, 1986, except for topsoil redistribution and reseeding.
 - F. Basic Earth Science Systems, Inc. will reseed the location with approved mixture.
- We would like to know where the drill cutting and drilling mud is going who is the surface owner?*

Company Basic Earth Science Systems, Inc.

Do not write in this space

Address P.O. Box 3088, Englewood, CO 80155 Approved 5-12 1986

By Jeffrey E. Jones

Title Vice President

By Kenneth Kellestad
 Title Reclamation Supervisor

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11745

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

April 24, 1986

Mr. Jeffery E. Jones
Basic Earth Science System, Inc.
P.O. Box 3088
Englewood, Colorado 80155

RE: Basic Game & Fish #34-3
SW SE Section 3-T153N-R101W
Well File No. 11745

Dear Mr. Jones:

Reclamation of the above referenced drilling pit is needed. Please submit your reclamation procedures on a Sundry Notice (Form 4) prior to beginning restoration. If you have any questions, feel free to contact our office. Thank you.

Sincerely,

Tom Delling RLS
Tom Delling
Field Inspector

TD/rls



Earth Science Systems, Inc.

11745

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

February 27, 1986



North Dakota Industrial Commission
Oil & Gas Division
900 East Boulevard
Bismarck, ND 58505

Re: Basic Game & Fish #34-3
BHL SW SE Sec. 3-T153N-R101W
McKenzie County, ND
Well File #11745

Gentlemen:

Enclosed please find three copies of the Cyberlook, Perforating Log and DST #1 for the above referenced well as requested in your letter of February 11, 1986.

Please do not hesitate to contact me if you need anything further.

Sincerely,

Basic Earth Science Systems, Inc.

April Kreis
April Kreis
Production Technician

ak

Enclosures

TECHNICAL SERVICES, Security Life Bldg. • Suite 1350 • 1616 Glenarm • Denver, Colorado 80202 • Phone. (303) 573-8027

11745

Contractor McKay Drilling
Rig No. 59
Spot --
Sec. 3
Twp. 154N
Rng. 101W
Field Skunk Hollow
County McKenzie
State North Dakota
Elevation 1868.6 ft.
Formation Mission Canyon

Top Choke 1/4"
Bottom Choke 3/4"
Size Hole 8 3/4"
Size Rat Hole --
Size & Wt. D. P. 4 1/2" XH 16.60#
Size Wt. Pipe --
I. D. of D. C. 2 1/8"
Length of D. C. 608 ft.
Total Depth 9259 ft.
Interval Tested 9229-9259 ft.
Type of Test Bottom Hole
Conventional

Flow No. 1 10 Min.
Shut-in No. 1 60 Min.
Flow No. 2 90 Min.
Shut-in No. 2 180 Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.

Bottom Hole Temp. 247° F
Mud Weight 10.5#
Gravity --
Viscosity 3.7

Tool opened @ 11:00 a.m.

Inside Recorder

PRD Make Kuster K-3
No. 16815 Cap. 6100 @ 9206'

Press	Corrected
Initial Hydrostatic	A 4993
Final Hydrostatic	K 4983
Initial Flow	8 134
Final Initial Flow	C 139
Initial Shut-in	D 4442
Second Initial Flow	E 1025
Second Final Flow	F 426
Second Shut-in	G 4442
Third Initial Flow	H --
Third Final Flow	I --
Third Shut-in	J --

Ticket No. 21965

Date 11-16-85

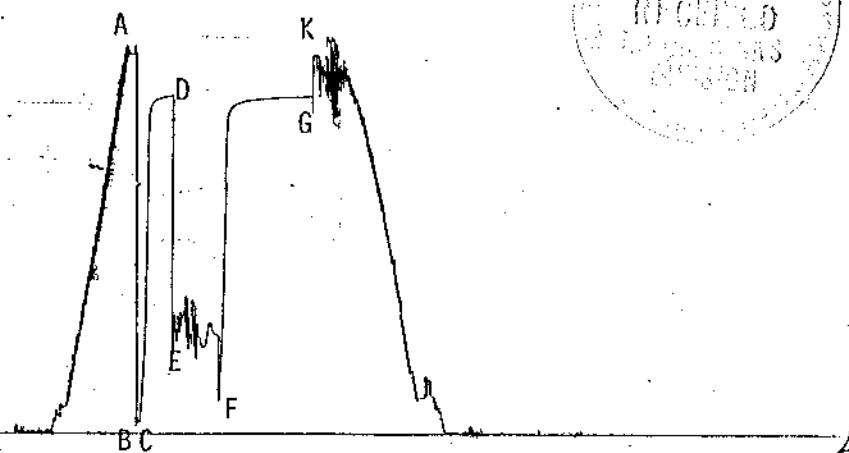
No. Final Copies 17

DST No. 1

Operator Basic Earth Science Systems Inc.
P.O. Box 3088
Englewood, CO 80150

Well Name and No. Game & Fish #34-3

Comments: The test results indicate a mechanically successful test. Reservoir calculations are enclosed. Plugging action during the 2nd flow.



Did Well Flow - Gas Yes Oil No Water No
RECOVERY IN PIPE:

Ran 5 gallons ammonia inhibitor
Test was reverse circulated

910.5 ft. Gas-cut oil = 7.28 Bbls

Blow Description:

1st Flow Tool opened with a surface blow, increasing to 2 psi at the end of the flow.

2nd Flow: Tool opened with a 5" blow, increasing to 11 psi in 45 minutes with gas and condensate to surface (see gas report).

"TIGHT HOLE"

LYNES, INC.

Basic Earth Science Systems, Inc. Operator	Game & Fish #34-3 Well Name and No.	1 DST No.
---	--	--------------

Comments relative to DST #1 run on Game & Fish #34-3 in McKenzie County, North Dakota, Sec. 3-157N-101W for Basic Earth Science Systems Inc.

The calculations here-in performed were accomplished by plotting the time and pressure data on semi-log scale and using the resulting slope and extrapolated pressures from the Horner plot.

The initial formation pressure extrapolated to 4490 psi with a slope of 243 psi/cycle creating a sub-surface pressure gradient of .488 psi/ft. at the recorder depth of 9206 feet.

The average effective permeability for this zone calculated to 2.32 md. This was based on 911 feet of 40 API gravity oil being recovered in 100 minutes flowing time. The entire second flow was restricted, making the fluid recovery and reported gas flow rate low. With the information available, it is impossible to pinpoint the true flow rate, permeability, or gas-oil ratio. It is quite possible that this test could have flowed to surface. The skin factor and damage ratio numbers are high due to tool restriction and do not suggest any significant well-bore damage was present at the time of this test.

If you should have any questions concerning this test, please do not hesitate to call. We appreciate your work and look forward to serving you again.


R.C. Butler
Regional Engineer

RCB/bss

Operator.....: BASIC EARTH SCIENCE SYSTEMS INC.
Well ID.....: GAME & FISH #34-3
Location.....: SEC. 3 T154N R101W
DST Number....: 1
Formation.....: MISSION CANYON
Type of test....: BOTTOM HOLE CONVENTIONAL
Test interval...: 9229 - 9259ft.
Recorder number : 16815
Recorder depth : 9206

RESERVOIR CALCULATIONS: Fluid calculations based on 2nd shut-in

RESERVOIR PARAMETERS USED:

Net Pay.....	14.00 ft
Porosity.....	10.00 %
Bottom Hole Temp.....	247.00 F
Specific Gravity.....	.825
API Gravity.....	40.00
Compressibility.....	.1540E-004 /psi
Viscosity.....	.29 cp
Total Recovery.....	910.00 ft
Total flowing time....	100.00 minutes
Flow rate.....	105.00 bbl/d
Final flowing pressure:	426.00 psi
Slope.....	242.844 psi/cycle
Extrapolation.....	4490.11 psi
Formation vol. factor :	1.57 Reservoir/Surface
Wellbore radius.....	4.38 in

RESULTS:

Effective Permeability..(k)....	2.32 MD
Transmissibility.....(kh/u)....	110.38 MD.ft/cp
Flow capacity.....(kh)....	32.50 MD.ft
Skin.....(s)....	13.99
Pressure drop across skin.....	2952.54 psi
Radius of investigation.....	84.71 ft
Damage ratio.....	3.65
Productivity index.....	.026 bbl/psi.d
Productivity index W/O damage :	.094 bbl/psi.d

BASIC EARTH SCIENCE SYSTEMS INC.
 DST #: 1
 GAME & FISH #34-3
 9229 - 9259ft.

Page 2

Location: SEC. 3 T154N R101W Recorder Number: 16815
 Test Type: BOTTOM HOLE CONVENTIONAL Recorder Depth: 9206 ft.
 Formation: MISSION CANYON

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P psi	PRESSURE (T+dt)/dt psi	PRESSURE ABSCISSA	PRESSURE SQUARED psi ² /10 ⁶
		15.00	3657.0	4083.0	7.6667	
		20.00	3824.0	4250.0	6.0000	
		25.00	3872.0	4298.0	5.0000	
		30.00	3897.0	4323.0	4.3333	
		35.00	3915.0	4341.0	3.8571	
		40.00	3930.0	4356.0	3.5000	
		45.00	3940.0	4366.0	3.2222	
		50.00	3950.0	4376.0	3.0000	
		55.00	3955.0	4381.0	2.8102	
		60.00	3963.0	4389.0	2.6667	
		65.00	3968.0	4394.0	2.5385	
		70.00	3973.0	4399.0	2.4286	
		75.00	3976.0	4402.0	2.3333	
		80.00	3981.0	4407.0	2.2500	
		85.00	3983.0	4409.0	2.1765	
		90.00	3986.0	4412.0	2.1111*	
		95.00	3988.0	4414.0	2.0526*	
		100.00	3991.0	4417.0	2.0000*	
		105.00	3993.0	4419.0	1.9524*	
		110.00	3996.0	4422.0	1.9091*	
		115.00	3998.0	4424.0	1.8696*	
		120.00	4001.0	4427.0	1.8333*	
		130.00	4003.0	4429.0	1.7692*	
		140.00	4008.0	4434.0	1.7143*	
		150.00	4011.0	4437.0	1.6667*	
		160.00	4013.0	4439.0	1.6250*	
		170.00	4016.0	4442.0	1.5882*	
G END OF 2nd SHUTIN		180.00	4016.0	4442.0	1.5556*	
Q FINAL HYDROSTATIC		0.00		4983.0		

* VALUES USED FOR EXTRAPOLATIONS

1st SHUT-IN:

HORNER EXTRAPOLATION 4486.38 PSI
 HORNER SLOPE 658.93 psi/cycle

2nd SHUT-IN

HORNER EXTRAPOLATION 4490.11 PSI

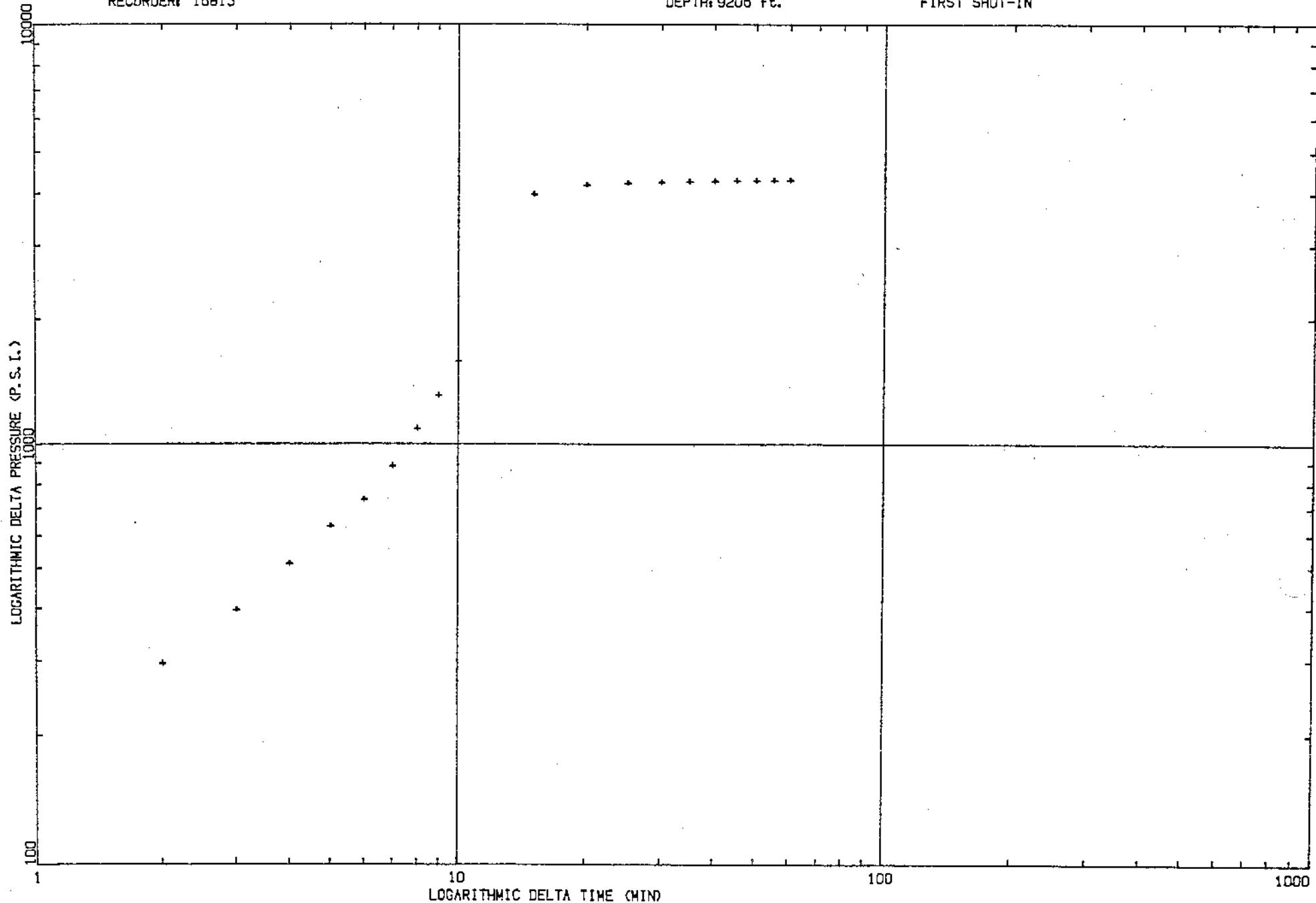
HORNER SLOPE

242.84 psi/cycle

OPERATOR: BASIC EARTH SCIENCE SYSTEMS INC.
LOCATION: SEC. 3 T154N R101W
RECORDER: 16B15

WELL NAME: GAME & FISH #34-3
DST #: 1
DEPTH: 9208 ft.

FIRST SHUT-IN



OPERATOR: BASIC EARTH SCIENCE SYSTEMS INC.

WELL NAME: GAME & FISH #34-3

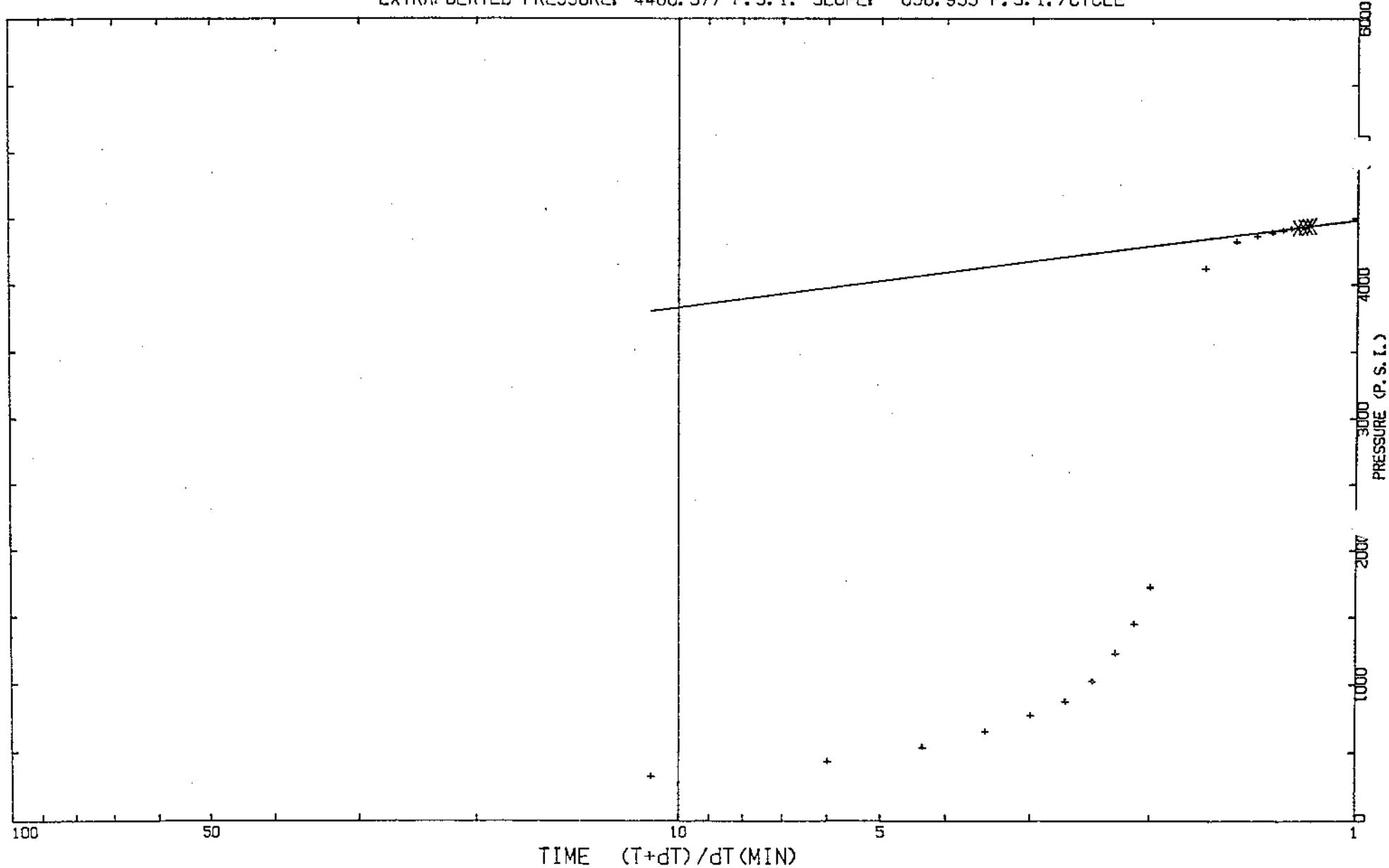
LOCATION: SEC. 3 T154N R101W DST #: 1

FIRST SHUT-IN

RECORDER: 16815

DEPTH: 9206 ft.

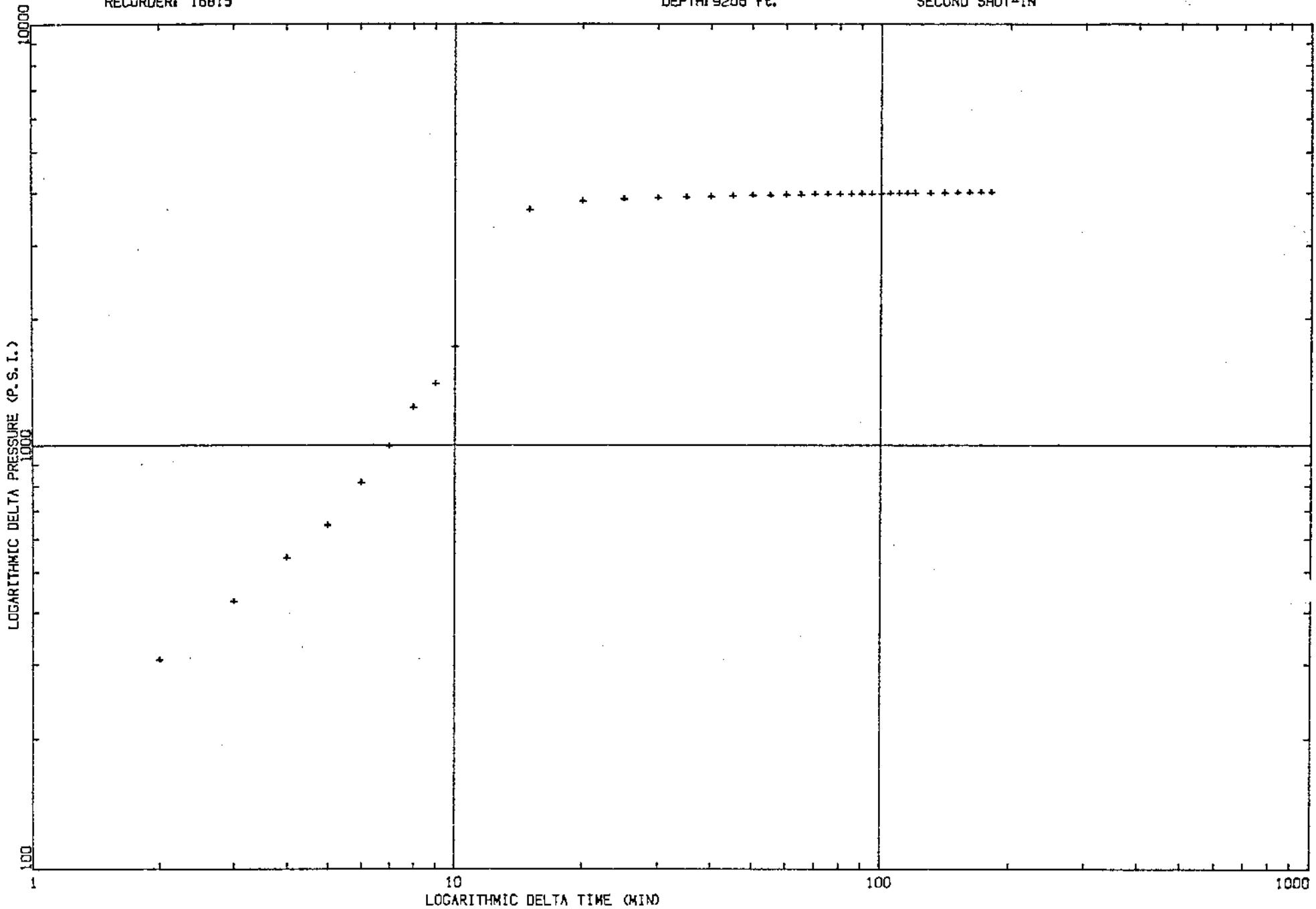
EXTRAPOLATED PRESSURE: 4486.377 P.S.I. SLOPE: 658.933 P.S.I./CYCLE



OPERATOR: BASIC EARTH SCIENCE SYSTEMS INC.
LOCATION: SEC. 9 T154N R101W
RECORDER: 18815

WELL NAME: GAME & FISH #34-9
DST #: 1
DEPTH: 9206 ft.

SECOND SHUT-IN



OPERATOR: BASIC EARTH SCIENCE SYSTEMS INC.

WELL NAME: GAME & FISH #34-3

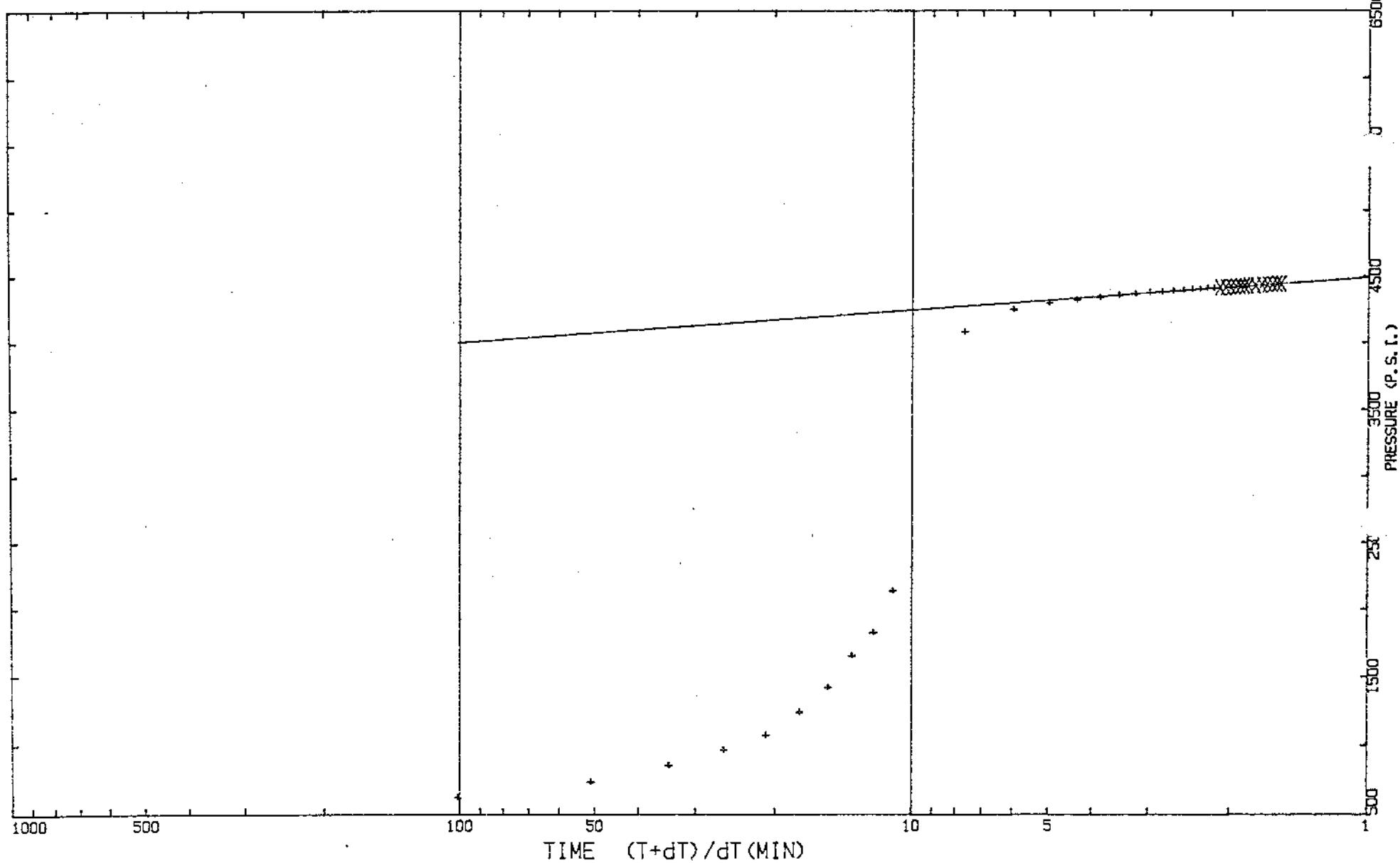
LOCATION: SEC. 3 T154N R101W DST #: 1

SECOND SHUT-IN

RECORDER: 16815

DEPTH: 9206 ft.

EXTRAPOLATED PRESSURE: 4490.114 P.S.I. SLOPE: 242.844 P.S.I./CYCLE



BASIC EARTH SCIENCE SYSTEMS INC.
DST#: 1
GAME & FISH #34-3
9229 - 9259ft.

Page 1

Location: SEC. 3 T154N R101W
Test Type: BOTTOM HOLE CONVENTIONAL
Formation: MISSION CANYON

Recorder Number: 16815
Recorder Depth: 9206

SAMPLE DATA

SAMPLE CHAMBER:

Capacity of sample chamber 2300 cc
Volume of sample..... 500 cc
Pressure in sampler..... 2100 psig
Where sampler was drained... on location

Sampler contained:

Oil 500 cc 41 @ 70 Degrees F
Gas 11.1 cu-ft
Other trace of paraffin
GOR 850

RESISTIVITY DATA:

Top.....	OIL
Middle.....	OIL
Bottom.....	OIL
Sampler.....	OIL
Mud pit.....	200 000+ PPM NACL
Make-up Water..	200 000+ PPM NACL

GRIND-OUT:

Top Rev. #1 - 90% oil
9% paraffin
1% basic solids

Rev. #5. - 93% oil
6% paraffin
1% basic solids

Sampler - 94% oil
5% paraffin
1% basic solids

BASIC EARTH SCIENCE SYSTEMS INC.
DST#: 1
GAME & FISH #34-3
9229 - 9259ft.

Page 1

GAS MEASUREMENTS

Device: FLOOR MANIFOLD Riser: 0.0 in. Bomb #:
Sent to:

FLOW #	TIME (min)	READING(psi)	CHOKE (in)	McF/d
2	45	11.0	.250	38.2
2	50	12.0	.250	39.8
2	60	14.5	.250	43.4
2	70	16.0	.250	45.7
2	80	17.0	.250	47.1
2	90	23.0	.250	55.9

BIC EARTH SCIENCE SYSTEMS INC.
DST #: 1
GAME & FISH #34-3
9229 - 9259ft.

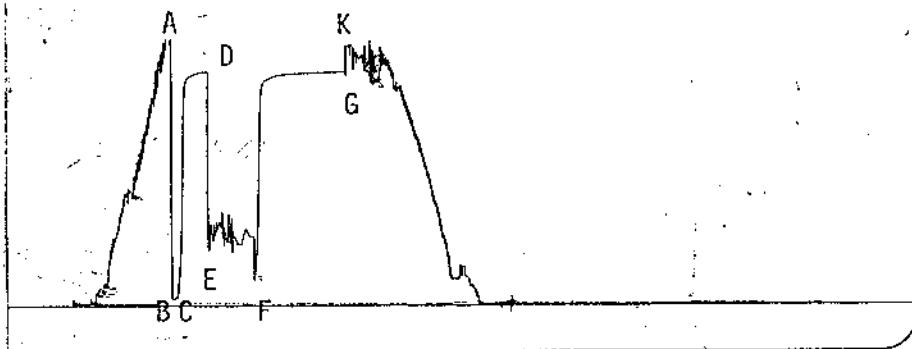
Page 1

PRESSURE RECORDER NUMBER : 20791

DEPTH : 9252.00ft. LOCATION : OUTSIDE
TYPE : K-3 CAPACITY : 8850.00psi

PRESSURE
psi

A)Initial Hydro : 5001.0
B)1st Flow Start: 4458.0
C)1st Flow End : 1054.0
D)END 1st Shutin: 458.0
E)2nd Flow Start: 4458.0
Q)Final Hydro. : 4964.0



TEST TIMES(MIN)

1st FLOW : 10
SHUTIN: 60
2nd FLOW : 90
SHUTIN: 180



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

February 5, 1986



Mr. F. E. Wilborn
Deputy Enforcement Officer
North Dakota Industrial Commission
Oil and Gas Division
900 East Boulevard
Bismarck, ND 58505

Re: Basic Game & Fish #34-3
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2, T153N, R101W
McKenzie County, ND

Dear Mr. Wilborn:

Please find three copies each of the Well Completion Report, DST Report, Geologist Description and Logs for the above captioned well.

Please do not hesitate to contact me if you have any questions or need additional information.

Sincerely,

Basic Earth Science Systems, Inc.

Jeffery E. Jones /JB
Jeffery E. Jones
Vice President

JEJ:sg

encl.

cc: Corps of Engineers, Riverdale, ND

#34-3 Distribution

11745

BASIC EARTH SCIENCE SYSTEMS, INC.

Game and Fish #48-3
Sec. 2 and 3, T. 153 N., R. 101 W.
McKenzie Co., North Dakota

John H. Rathbone CPGS 571
Consulting Geologist
444 Petroleum Building
110 - 16th Street
Denver, CO 80202

DATA SHEET

OPERATOR: Basic Earth Science Systems, Inc.
44 Inverness Drive East, Building E
Englewood, CO
(P.O. Box 3088, Englewood, CO 80155)

WELL: Game & Fish #34-3

LOCATION: SE, SE Sec. 2, T. 153 N., R. 101 W
McKenzie County, North Dakota
Surface: 392 feet FSL, and 494 feet FWL Section 2,
TD SW SW Sec. 3, T. 153N., R. 101 W., McKenzie County

ELEVATION: 1850' ground
1872' kb (22 feet grd to kb)

SPUD: October 16, 1985, 7:30 AM

FINISH DRILLING: November 19, 1985

TD: 9720' board, 9717' logger, 9713' strap

TESTS: DST #1. 9229-9259' Nesson Mbr., Charles Formation

CASING: 9-5/8" at 2955'
5-1/2" at 9702'

RIG: McKay Drilling Co., Rig #59
National 80 B
2 D-398 Cat engines
Pumps:
1. National G 1000 duplex
2. Oillwell 22 P

Derrick:
129' Lee C. Moore

PUSHER: Dick Rosendahl

MUD: Davis Mud Co., Wally Hapip.

MUDLOG: Greig Steiner and Eldon Troftgruben
1 man unit

GEOLOGIST: John H. Rathbone
Consulting Geologist, CPGS #571
444 Petroleum Building
110 - 16th Street
Denver, CO 80202

FORMATION TOPS (LOG)

Elevation 1872 kb

Greenhorn	4353
Muddy	4746
Dakota	5161
Piper	6246
Dunham	6562
Minnekahta	7036
Opeche	7094
Minnelusa	7369
Amsden	7656
Kibby L.S.	8136
Charles	8284
BLS	8998
Ratcliff	9022
Nesson	9236
Mission Canyon	9263

Note: As this was a directionally drilled hole, the formation tops are not at true vertical depth.

SAMPLE DESCRIPTION

8700 - 8710	Limestone: Brown, buff, micrite to chalky; occasionally finely pelletal, finely vuggy.	40
	Anhydrite: White, crystalline.	40
	Shale: Brown, red.	20
8710 - 8720	Limestone: Brown, occasionally buff, micrite, occasional pelmicrite to oolmicrite, varies to porous pelmicrite.	70
	Anhydrite: As above.	30
8720 - 8730	Limestone: As above.	60
	Anhydrite: White, very fine crystalline, to light buff.	40
8730 - 8740	Limestone: Brown, as above, to chalky, light buff, occasional vuggy streak.	70
	Anhydrite:	30
8740 - 8750		
8750 - 8760	Limestone: Brown, micrite to very fine pelmicrite, latter porous.	80
	Anhydrite: White to buff, very fine crystalline to silky.	20
8760 - 8770	After Trip. Limestone: Brown, micrite.	70
	Anhydrite: Light gray.	30
	Much cave, shale.	
8770 - 8780	Limestone: As above.	20
	Anhydrite:	80
8780 - 8790	Limestone: Brown, micrite, and porous oolitic.	30
	Anhydrite:	35
	Salt: In red shale.	15
	Much shale cave.	
8790 - 8800	Limestone: Light buff, chalky to brown, micrite. Some vuggy.	35
	Anhydrite: White crystalline, to buff, intermingled with limestone.	65
	Much cave.	

8800 - 8810	Limestone: Brown micrite; buff, light chalky; pelletal, porous in part. Anhydrite: White crystalline, brown and white, to brown. Some limey streaks. Much variegated shale, gray shale.	40 60
8810 - 8820	Limestone, brown, micrite, with lesser amounts of gray, granular to pelletal, latter with occasionally fine vuggy porosity. Anhydrite: As above.	60 40
8820 - 8830	Limestone: Brown to buff, micrite and pelmicrite, latter occasionally porous. Anhydrite: White, light buff, very fine crystalline to satin texture.	40 60
8830 - 8840	Limestone: As above. Anhydrite: As above. Salt. Shale: Variegated, red yellow.	10 50 10 30
8840 - 8850	Limestone: As above. Anhydrite: White, light brown, translucent, to soft white gummy. Shale: Variegated.	25 50 25
8850 - 8860	Limestone: Brown to buff to light chalky. Micrite mixed with anhydrite, rare pelletal. Anhydrite: As above. Shale: Variegated.	20 60 20
8860 - 8870	Limestone: As above. Anhydrite: As above.	40 60
8870 - 8880	Limestone: Brown, micrite, often streaked with anhydrite; occasionally oolitic. Anhydrite: White crystalline, to light buff. Shale: Variegated, cave, (and some off bottom?)	40 60
8880 - 8890	Limestone: As above. Anhydrite:	70 30
8890 - 8900	Limestone: Dark brown micrite, to light, chalky. Anhydrite: As above. (streak 8894-96 drilled as salt)	80 20

8900 - 8910	Limestone: Dark brown micrite, light gray, chalky, and occasional very pelletal. Anhydrite: White crystalline, to light gray, and buff. Shale: Soft, light gray, very limey to soft shaly limestone.	60 30 10
8910 - 8920	Limestone: As above. Anhydrite: White crystalline, and light gray.	40 60
8920 - 8930	Limestone: Brown micrite, to light gray chalky. Anhydrite: Light gray to white, translucent to crystalline.	60 40
8930 - 8940	Limestone: As above. Anhydrite:	50 50
8940 - 8950	As above.	
8950 - 8960	Limestone: As above. Anhydrite: As above.	40 60
8960 - 8970	Limestone: As above. Anhydrite: As above. Much cave. Some Salt. Drilled as salt.	
8970 - 8980	Anhydrite and salt.	
8980 - 8990	Salt, some anhydrite.	
8990 - 9000	As above.	
9000 - 9010	Dolomite: Brown, very fine crystalline. Anhydrite: Light gray, translucent, light buff. Limestone:	Tr 90 10
9010 - 9020	Dolomite: Buff, very fine crystalline, light gray brown, to micritic, anhydritic in part. Anhydrite: As above to soft, chalky.	30 70
9020 - 9030	Dolomite: Light buff, very fine crystalline to crypto-crystalline Anhydrite: As above.	30 70

9030 - 9040	Dolomite: Light buff, very fine crystalline, crypto-crystalline, to shaly. Anhydrite: Light buff, light gray, light brown, translucent, to white crystalline.	15 85
9040 - 9050	Limestone: Brown, pelletal. Anhydrite: As above.	15 85
9050 - 9060.	Limestone: brown, pelmicrite. Anhydrite:	5 95
9060 - 9070	Limestone: Brown, micritic, to some pelletal. Anhydrite:	70 95
9070 - 9080	Dolomite: Light gray brown, very fine crystalline, limey, tight. Limestone: Brown micrite to dark brown, mottled and pelletal. Anhydrite:	10 70 20
9080 - 9090	Limestone: Dark brown, very mottled, and micrite cut with calcite. Much pelletal. Much mineral fluorescence, no cut.	
9090 - 9100	Limestone: Brown, pelletal to irregular clasts, to oolitic; clear calcite infilling; very mottled, varies to chalky. Some mottled brown and chalky. Anhydrite: Some mineral fluorescence, no cut.	95 5
	Caught after trip, and reaming.	
9100 - 9110	Limestone: Brown, light brown, mottled, to chalky. Some pelletal, some dolomite crystals included. Fair cut after crushing a pinch of dry sample. Faint cut without crushing.	
9110 - 9117	Very fine fragments. Limestone: Dark brown, to light buff, to chalky. Micrite to very mottled. No visible porosity. Anhydrite: No cut.	95 5

9117 - 9130	Limestone: Brown and white mottled, clasts, and calcite, also some oolitic (traces). Some limey dolomite infilling. Scattered oolites. Anhydrite:	99+
9130 - 9140	Limestone: Brown and white, mottled, with anhydrite inclusions. Anhydrite: Find no cut.	70 30
9140 - 9145	Limestone: Brown and white, to buff, often anhydrite inclusions. Limestone: Buff and light buff, rather chalky, pelletal. Anhydrite: White crystalline. Find no cut.	20 50 30
9145 - 9150	Dolomite/Limestone: Dark brown, anhydrite infilling. Limestone: Brown, pelmicrite, occasionally oolitic, much spar infilling, to chalky. Anhydrite: White, soft to crystalline. Faint cut (crushed, when wet)	10 70 20
9150 - 9155	Dolomite/Limestone: Dark brown, mix of crystalline dolomite, limestone clasts. Limestone: Brown to brown, micrite to clasts in spar, varies to light buff chalky. Anhydrite infilling. Anhydrite: Faint residual cut (wet pinch crushed).	10 75 15
9155 - 9160	Limestone: Buff, slightly chalky, pelletal to clasts, some anhydrite, light, faint cut, crushed. Gas down to 10u at 9154.	
9160 - 9165	Dolomite/Limestone: Dark brown, very limey but crystalline in part. Anhydrite infilling. Limestone: Buff, as above. Some anhydrite. Anhydrite: No cut.	5 90 5
9165 - 9170	Dolomite/Limestone: Brown, dark brown, very fine crystalline, limestone fragments, clasts. No sucrosic. Some anhydrite. Limestone: Buff, mottled, finely pelletal. Anhydrite inclusions. Varies to chalky. Anhydrite:	5 5 5
9170 - 9175	Limestone: Very mottled, as above. Anhydrite: Dolomite/Limestone: Dark brown, as above.	80 15 5

(Circulated at 9174)

9175 - 9180	Limestone: Brown to buff, very mottled, clasts, pellets, chalky in part. occasionally anhydrite infilling.	95
	Anhydrite: Light gray.	5
9180 - 9190	Limestone: As above, clasts in chalky matrix.	97
	Anhydrite:	3
9190 - 9200	Limestone: Brown, buff, to chalky, medium light gray, very mottled. Some anhydrite infilling.	
9200 - 9210	Limestone: Brown, dark brown, mottled, clasts pellets, as above, to darker. Very junky.	
9210 - 9220	Limestone: As above, very mottled.	
9220 - 9230	Limestone: As above.	99+
	Limestone: Dolomite, brown, gray, filled with very fine dolomite crystis. Tr	
9230 - 9240	Limestone: Brown, dark gray brown, dolomite, appearance of very fine crystalline, with clasts.	30
	Limestone: Brown, to buff, highly mottled, chalky zones. Faint residual cut.	70
9240 - 9245	Limestone: dolomite and argillaceous, dark brown, with many finely pyritic brown clasts.	45
	Limestone: Brown, to buff, very mottled, to white. Tight. Very faint cut.	55
9245 - 9250	Limestone: Dark gray brown, argillaceous in part, very mottled, varies to white, no visible porosity. Occasional nacaeous material.	
9250 - 9255	Limestone: Dark gray brown, argillaceous, etched shows limestone clasts, fragments, spicules. Faint residual cut from pinch of sample.	
9255 - 9260	Limestone: Dark gray brown, brown and white mottled, argillaceous in part, dolomitic in part.	
	Dry, shows occasional good vuggy porosity, with good cut. Pinch cut with dry sample gives good cut.	

30u/4u

DST #1

Trip gas 4000u

9260 - 9270 Limestone: Dark gray brown, mottled, dolomitic in part. Calcite fragments and clasts in argillaceous dolomite matrix.

Pinch of sample gives good cut.

9270 - 9280 Limestone: Dolomitic, dark gray brown, mottled, argillaceous in part. 20
Limestone: Brown, brown and white, mottled, to micritic, to partly chalky. 80

Pinch of dry sample cuts freely. (Slow streaming cut.)

9280 - 9290 Limestone: Brown, buff, to chalky, mottled, clasts, no obvious porosity.

Pinch gives slow cut.

9290 - 9300 Limestone: Brown, buff, micritic to clasts in micrite.
Varies to chalky.
One fragment limestone with vuggy porosity.

9300 - 9310 Limestone: Buff, micrite, to chalky; also some clasts in chalky micrite.

9310 - 9320 Limestone: Medium gray brown, micritic to chalky.
Some biomicrite, some pelletal.
Don't find any cut (wet)

9320 - 9330 Much darker sample.
Limestone: Very gray brown, micritic and argillaceous 45
Limestone: Brown, buff, to chalky, to very mottled, clasts and pellets. 55
Some oolspas.

9330 - 9340 Limestone: Dark brown to light buff, very mottled, rather soft, chalky
with stylitic material. 80
Limestone: Light gray, argillaceous, soft. 20

9340 - 9350 Limestone: Very dark brown, blotchy, clasts. 35
Limestone: Medium to light buff, swirled, speckled, with inclusions of
calcite. 65

9350 - 9360	Limestone: Very dark gray brown, argillaceous.	50
	Limestone: Medium to light buff, mottled, dark and medium clasts and fragments with chalky material.	50
9360 - 9370	Limestone: Dark gray brown, argillaceous, mottled.	30
	Limestone: Medium gray brown to light buff, very mottled, speckled, soft.	70
9370 - 9380	As above.	
9380 - 9390	As above, very mottled to speckled, with clasts, fragments, biodebris, in chalky to micritic matrix.	
9390 - 9400	Limestone: Gray brown to buff, very speckled, mottled; rather chalky matrix with clasts, fragments, lumps, biodebris.	
9400 - 9410	As above.	
9410 - 9420	Limestone: Medium dark gray brown, to light buff, very mottled. Micrite to soft, chalky, blotchy; fragments, pellets, clasts, with some biodebris.	
9420 - 9430	Limestone: Dark gray brown, to buff micrite.	20
	Limestone: Gray brown to very light, chalky, very mottled; clasts, fragments, pellets.	80
9430 - 9440	Limestone: Light gray brown to medium gray brown, chalky with dark micritic fragments. Mottled and chalky.	
9440 - 9450	As above.	
9450 - 9460	Limestone: Light to very light gray brown, chalky, mottled, blotchy, with fragments, biodebris; some dark fragments, some stylitic material (or possible dead oil).	
9460 - 9470	As above.	
9470 - 9480	As above, chalky, pelletal.	
9480 - 9490	As above.	
9490 - 9500	As above.	

9500 - 9510	Limestone: Light buff, chalky, pelletal, clasts, mottled and splotchy.	
9510 - 9520	Limestone: Light buff to light, medium gray brown, chalky, pelletal.	
9520 - 9530	Limestone: Light buff, to dark gray brown, chalky mottled with pellets, clasts, lumps, irregular fragments. Much stylitic material. Chert: Milky white.	99+ Tr
9530 - 9540	Limestone: Light buff to brown, chalky, very mottled, pelletal. Some white calcite. Some appears to be siliceous. Trace of anhydrite.	
9540 - 9550	Limestone: As above, chalky.	
9550 - 9560	Limestone: Light buff to brown, chalky, very mottled, pelletal, clasts.	
9560 - 9570	Limestone: As above.	
9570 - 9580	Limestone: As above. Some biodebris.	
9580 - 9590	Limestone: As above. Chert: Light gray, mottled, occasionally pyritic.	99+ Tr
9590 - 9600	Limestone: As above. Chert: Dirty gray brown.	99+ Tr
9600 - 9610	Limestone: Light to medium gray brown, mottled, as above.	
9610 - 9620	Limestone: As above, very pelletal. Slow cut, sample crushed.	
9620 - 9630	Limestone: As above, pelletal, and biodebris.	
9630 - 9640	Limestone: Medium dark brown, very pelletal, and mottled. Limestone: Very light mottled, chalky. Some biodebris. Occasionally siliceous. Dry pinch gives fair cut.	30 70
9640 - 9650	Limestone: Medium dark to light to white, mottled. Chalky to hard clasts, biodebris. Hard fragments appear to be siliceous. Pinch gives fair cut.	

9650 - 9660	Limestone: As above. Varies to dark gray brown, occasionally black (dead oil?) stain. Pinch gives a slow cut.	
9660 - 9670	Dolomite: Dark gray brown to light gray, limey, fine crystalline. Tight. 10 Limestone: As above. Pinch gives faint cut.	90
9670 - 9680	Dolomite: Medium dark gray brown to very light gray brown, limey in part. Appears tight. Very fine crystalline. Limestone: Light buff, to medium gray brown, very mottled to mottled fragments in chalk.	50 50
9680 - 9690	Dolomite: Limey, dark gray brown, very fine crystalline, very mottled. Limestone: Light buff, to off-white, very mottled, fragmental, to calcite, to chalky; also dark micrite fragments. Some biodebrls. Slow to moderate cut from pinch.	20 80
9690 - 9700	Limestone: As above, occasionally dolomitic. Slow to moderate cut from pinch.	
9700 - 9710	Limestone: Very light to off-white, dolomitic in part, buff lumps and clasts, pellets in calcite to chalk. No visible porosity. Fair to good pinch cut.	
9710 - 9720	Limestone: As above, very mottled, dolomitic. Fair to good cut - dry pinch.	

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

11745

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

February 11, 1986

Mr. Jeffery E. Jones
Basci Earth Science Systems, Inc.
P. O. Box 3088
Englewood, Colorado 80155

RE: Basic Game & Fish #34-3
BHL-SW SE Section 3-T153N-R101W
McKenzie County, North Dakota
Well File #11745

Dear Mr. Jones:

Please submit to this office in triplicate the Cyberlook, and Casing Collar Log & Perforating Record logs run on the above captioned location. Also, submit in triplicate the entire drill stem test report & charts, our office has received the front page of the drill stem test report #1. Thank you.

Sincerely,

Connie M. Juenker
Connie M. Juenker
Clerk II

cj

(13)

NORTH DAKOTA STATE INDUSTRIAL COMMISSION Oil and Gas Division 900 East Boulevard, Bismarck, ND 58505						Well File No. 11745 Date Issued 9/30/85	
WELL COMPLETION OR RECOMPLETION REPORT (Submit in Triplicate)						Well Name & No. Basic Game & Fish #34-3	
Designate type of completion OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SAME RESVR <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OTHER <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/>						Spacing (Unit Description) 160 acres SE ¹ , Sec 3, T153N, R101W	
OPERATOR Basic Earth Science Systems, Inc.						Field Baker	
ADDRESS P. O. Box 3088, Englewood, CO 80155						Pool Madison	
LOCATIONS (Show quarter-quarter, footages, and section, township and range.) At surface SW ¹ SW ¹ , 392' FSL, 494' FWL, Sec. 2, T153N, R101W						Wildcat, Development	
At top prop. interval, reported below SE ¹ SE ¹ , 563' FEL, 535' FSL, Sec. 3, T153N, R101W						Development	
At total depth SE ¹ SE ¹ , 655' FEL, 543' FSL, Sec. 3, T153N, R101W						County McKenzie	
Date Spudded	Date TD Reached	Date Comp.(ready to prod)	Elevation (KB,DF,GR)	Total Depth (MD & TVD)	Plug Back (TD,MD,TVD)		
10/16/85	11/20/85	2/3/86	GR 1850	9596 TVD 9716' MD	9561' MD		
PRODUCING INTERVAL(S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)				No. of DST's Run (see back)	Date Directional Survey Submitted		
9,234' - 9,254' 9,126' - 9,146 TVD Nesson				1	N/A		
TYPE ELECTRIC AND OTHER LOGS RUN (See instructions)						Was Well Cored No	
CASING RECORD (Report all strings set in well)							
Casing Size	Depth Set (MD)	Hole Size	Weight Lbs./Ft.	Sacks Cement	Amount Pulled		
9-5/8"	2,960'	12-1/4"	36#	1,100 sx	None		
5-1/2"	9,702'	8-3/4"	17#, 20#, 23#	122 sx	None		
LINER RECORD						TUBING RECORD	
Size	Top (MD)	Bottom (MD)	Sacks Cement	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
					2-7/8"	9,225'	9,194'
PERFORATION RECORD						ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.	
Depth Interval (MD)	Holes per ft.	Size and Type	Purpose	Amt. & Kind of Material Used	Depth Interval (MD)		
9,234-9,254	4 JSPE	.45 EHD	Production	71 bbl 15% HCL	9,234-9,254'		
PRODUCTION							
Date First Production	Producing Method (Flowing, gas, lift, pumping.- size & type of pump)					Well Status (Prod. or shut-in)	
1-19-86	Flowing					Producing	
Date of Test	Hours Tested	Choke Size	Production For Test	Oil, Bbls.	Gas, Mcf.	Water, Bbls.	Oil Gravity API (Corr.)
2-3-86	24	20/64		98	64	0	31.4
Flow, Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil, Bbls.	Gas, Mcf.	Water, Bbls.	Gas-Oil Ratio	
200	0		98	64	0	653	
DISPOSITION OF OIL & GAS (Purchaser and Transporter)						Test Witnessed By	
Oil - Koch Oil Company Gas - Flared						Steve Poeckes	
Transporter - Matador							
LIST OF ATTACHMENTS							
DST Report, Geologist Description and Logs							
Over to Complete Form							

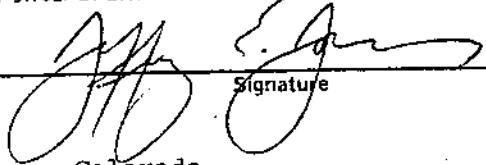
GEOLOGIC MARKERS

Name	Measured Depth of Formation	True Vertical Depth
Greenhorn	4353	4350
Muddy	4746	4736
Dakota	5161	5141
Minnelusa	7369	7305
Charles	8284	8202
BLS	8998	8792
Nesson	9236	9126

DRILL STEM TEST DATA

See attached report

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records.



Signature

Vice President

Title

2/5/86

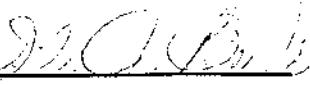
Date

State of Colorado)

ss

County of Arapahoe)On this 5th day of February, 1986, before me personally appearedJeffery E. Jones to me known as the person described in and who executed the foregoing instrument

and acknowledged that [s]he executed the same as his/her free act and deed.

Ila J. Beale 

Notary Public

State of Colorado County of ArapahoeMy Commission expires 10-21-88**INSTRUCTIONS**

1. Within thirty (30) days after the completion of a well, or recompletion of a well in a different pool, the original and three copies of this report must be filed with the North Dakota Industrial Commission, Oil and Gas Division.
2. Immediately after the completion or recompletion of a well in a pool or reservoir not then covered by an order of the commission, the original and three copies of this report must be filed with the North Dakota Industrial Commission, Oil and Gas Division.
3. The owner or operator shall file with the Oil and Gas Division three copies of the following: all logs run, drill stem test reports and charts, formation water analysis and noninterpretive lithologic logs or sample descriptions if compiled.



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

Basic Game & Fish #34-3
SWSW Sec. 2, T153N, R101W
T153N, R101W, McKenzie Co., ND

DST #1 Times: 10-60-90-180
Interval: 9229-59'
Formation: Nesson
Chokes: 1", downhole 3/4"

Opened @ 9:58 w/surface blow, 2" in 2 min., 6 min. 1#, 10 min. 2#. SI 60 min., died in 55 min. Reopen w/5" blow, 2 min. bottom of bucket, 10 min. 3#, 15 min. 5#, 30 min. 8#, 45 min. 11#, GTS 38.2 mcf, 50 min 12# 39.8 mcf, 60 min. intermittent condensate 14½# 43.4 mcf, 70 min. 16# 45.7 mcf, 80 min. 17# 47.1 mcf, 85 min. 20#, 90 min. 23# 55.9 mcf.

	TOP	LOWER
IHP	5000	5055
IF	126-133	130-156
ISIP	4447	4430
FF	378	390
FSIP	4459	4435
FHP	4988	5048
		BHT 247°F

Recovery: 910' @ 6.5 bbls gas cut oil
Sampler: 2100 psi, 500 cc oil, 11.1 cf gas, GOR 3529:1, 1200 ppm H₂S in sampler. Grind out of top sample - 90% oil, 9% paraffin, 1% BS; bottom sample - 93% oil, 6% paraffin, 1% BS, Sampler - 94% oil, 5 % paraffin, 1% BS.

North Dakota State Industrial Commission

Oil and Gas Division

900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505

PRODUCERS CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO
TRANSPORT OIL FROM LEASE

Basic Game & Fish

WELL #34-3 (SEC.) 2 (TWP.) 153N (RGE.) 101W COUNTY McKenzie

PRODUCER Basic Earth Science Systems, FIELD Wildcat POOL Madison
Inc.

ADDRESS CORRESPONDENCE TO Jeffery E. Jones

STREET P.O. Box 3088 CITY Englewood STATE CO 80155

THE ABOVE NAMED PRODUCER HEREBY AUTHORIZES Koch Oil Co.

(Name of Purchaser)

WHOSE PRINCIPAL PLACE OF BUSINESS IS 1625 Broadway, Suite 1570, Denver, CO 80202
(Street) (City) (State)

AND WHOSE FIELD ADDRESS IS Same

TO TRANSPORT 100 % OF THE OIL PRODUCED FROM THE LEASE DESIGNATED ABOVE UNTIL
FURTHER NOTICETHE OIL WILL BE TRANSPORTED BY Matador Pipelines, Inc.
(Name of Transporter)

OTHER PURCHASERS TRANSPORTING OIL FROM THIS LEASE ARE: None

(Name of Purchasers)	%	(Name of Purchasers)	%
----------------------	---	----------------------	---

REMARKS:

The undersigned certifies that the rules and regulations of the State Industrial Commission have been complied with except as noted above and that the purchaser is authorized to transport the above percentage of oil produced from the above described property and that this authorization will be valid until further notice to the purchaser named herein until canceled by the operator

Executed this 30th day of January, 19 86. Basic Earth Science Systems, Inc.

(Company or Operator)

STATE OF COLORADO)
	ss
COUNTY OF ARAPAHOE)

Vice President

(Title)

Jeffery E. Jones
(Signature)
Jeffery E. Jones

Before me the undersigned authority, on this day personally appeared Jeffery E. Jones, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this the 30th day of January, 19 86.

Ila J. Beale
Ila J. Beale, Notary
Notary Public in and for the state of Colorado.

My Commission expires 10/21/88
Approved by: FELV (Deputy Enforcement Officer) FEB 3 1986
(Date)

(Instructions Over)

North Dakota State Industrial Commission
Oil and Gas Division

900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505

SUNDRY NOTICES AND REPORTS ON WELLS

- | | |
|--|-----------------------------------|
| 1. Notice of Intention to Drill or Redrill | 7. Report of Casing |
| 2. Notice of Intention to Change Plans | 8. Report of Redrilling or Repair |
| 3. Notice of Intention to Pull Casing | 9. Supplementary History |
| 4. Notice of Intention to Abandon Well | 10. Well Potential Test |
| 5. Report of Water Shut-Off | 11. Drilling Prognosis |
| 6. Report of Shooting or Acidizing | 12. Perforating & Prod. Casing |
-

NAME OF LEASE Basic Game & Fish Date January 30, 1986

WELL NO. #34-3 is located 392 ft. from (N) (S) line and 494 ft. from the (E) (W) line

of Section 2 Township 153N Range 101W in McKenzie

County, Wildcat Field Madison Pool. The elevation of the ground

is 1850 feet above sea level.

Name and Address of Contractor, or Company which will do work is:

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing,
indicate mud weights, cementing points, and all other details of work)

"Tight Hole"

Production Casing: Ran 238 jts. 17#, 20# and 23# casing. Cemented first stage w/
40 bbls. salt water followed by 24 bbls. N.W. flush ahead of 122
bbls. class G w/35% silica flour, .8% FL2, .2% R5, 10% salt &
1#/sx celloflake. Displaced w/188 bbls clean salt water. Bumped
plug to 3100 psi, held OK.

Perforating: Perf. 9,234'-9,254' w/4" csg. gun 4JSPF, set packer @ 9,194' w/
1 jt. 2-7/8" L-80 tbg. 31/74' long for tail-pipe. Acidize w/
71 bbl. 15% HCl followed by 53bbls. LW. Recovered 70 bbls LW &
acid w/54 bbls LW & acid LTR.

Company Basic Earth Science Systems, Inc.

Do not write in this space

Address P.O. Box 3088, Englewood, CO 80155

FEB 3 1986

19

By Jeffery E. Jones

Approved

Title Vice President

By Jeffery E. Jones

Title Vice President

TECHNICAL SERVICES, Security 12th Floor • Suite 1250 • 1818 Glenarm • Denver, Colorado 80202 • Phone. (303) 573-8227

11-15

Contractor Hickey Drilling
Rig No. 59
Spot --
Sec. 3
Twp. 15N
Rng. 10W
Field Skunk Hollow
County McKenzie
State North Dakota
Elevation 1868.6 ft.
Formation Mississ. Canyon

Top Choke 4"
Bottom Choke 3/4"
Size Hole 8 3/4"
Size Plug Hole --
Size & W.L. D. P. 4 1/2" XH 16,601
Size WL Pipe --
I.D. of D. C. 2 1/2"
Length of D. C. 600 ft.
Total Depth 9259 ft.
Interval Tested 9229-9259 ft
Type of Test Bottom Hole
Conventional

Flow No. 1	<u>10</u>	Min.
Shut-in No. 1	<u>60</u>	Min.
Flow No. 2	<u>90</u>	Min.
Shut-in No. 2	<u>180</u>	Min.
Flow No. 3	<u>--</u>	Min.
Shut-in No. 3	<u>--</u>	Min.
Bottom Hole Temp. <u>247°F</u>		
Mud Weight <u>10.5#</u>		
Gravity <u>--</u>		
Viscosity <u>37</u>		

Tool opened @ 11:00 a.m.

Inside Recorder

PRD Hole Kuster K-3
No. 16815 Cap. 6100 @ 9206'

Press	Corrected
Initial Hydrostatic	<u>A</u> <u>4993</u>
Final Hydrostatic	<u>K</u> <u>4983</u>
Initial Flow	<u>B</u> <u>134</u>
Final Initial Flow	<u>C</u> <u>139</u>
Initial Shut-in	<u>D</u> <u>4442</u>
Second Initial Flow	<u>E</u> <u>1025</u>
Second Final Flow	<u>F</u> <u>426</u>
Second Shut-in	<u>G</u> <u>4442</u>
Third Initial Flow	<u>H</u> <u>--</u>
Third Final Flow	<u>I</u> <u>--</u>
Third Shut-in	<u>J</u> <u>--</u>

Ticket No. 21955

Date 11-16-85

No. Final Copies 17

DST No. 1

Did Well Flow - Gas Yes oil oil Water No

Ran 5 gallons ammonia inhibitor
Test was reverse circulated

RECOVERY IN PIPE:

910.5 ft.; Gas-cut oil = 7.28 Bbls

Blow Description:
1st Flow

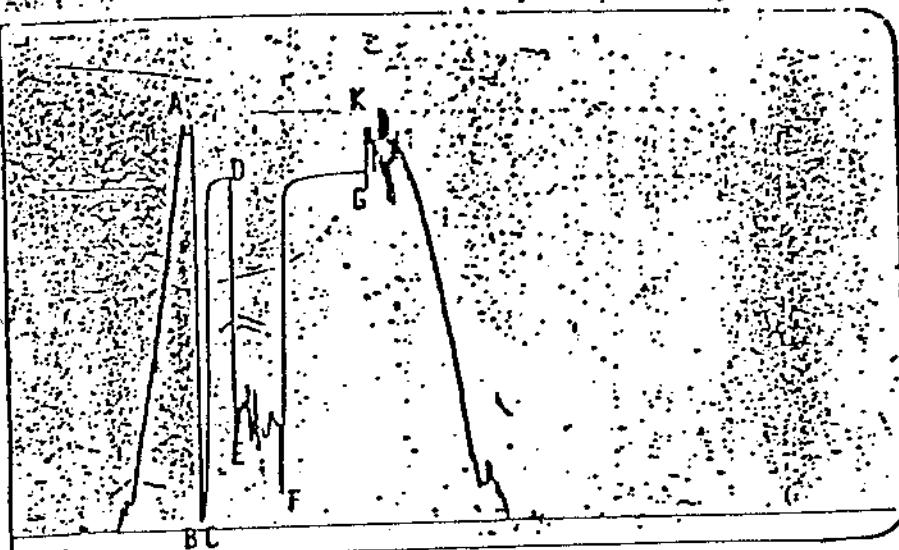
Tool opened with a surface blow, increasing to 2 psi at the end of the flow.

2nd Flow:

Tool opened with a 5" blow, increasing to 11 psi in 45 minutes with gas and condensate to surface (see gas report).

Comments: The test results indicate a mechanically successful test. Reservoir calculations are enclosed. Plugging action during the 2nd flow.

"TIGHT HOLE"



Operator Basic Earth Science Systems Inc. Well Name and No. Game & Fish #34-3

P.O. Box 3088
Englewood, CO 80150

Address



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

January 30, 1986



North Dakota Industrial Commission
Oil & Gas Division
600 East Boulevard
Bismarck, ND 58505

Re: Basic Game & Fish #34-3
Sec. 2, T153N, R101W
McKenzie County, ND

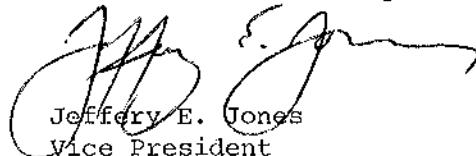
Gentlemen:

Enclosed please find a Sundry Notice detailing the setting of the Production Casing and Perforating and the Authorization to Transport Oil from Lease for the above referenced well.

Please do not hesitate to contact me if you need further information.

Sincerely,

Basic Earth Science Systems, Inc.



Jeffery E. Jones
Vice President

JEJ:ak

Enclosures

cc: #34-3 Distribution

North Dakota State Industrial Commission
Oil and Gas Division

900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505

SUNDRY NOTICES AND REPORTS ON WELLS

- | | |
|--|-----------------------------------|
| 1. Notice of Intention to Drill or Redrill | 7. Report of Casing |
| 2. Notice of Intention to Change Plans | 8. Report of Redrilling or Repair |
| 3. Notice of Intention to Pull Casing | 9. Supplementary History |
| 4. Notice of Intention to Abandon Well | 10. Well Potential Test |
| 5. Report of Water Shut-Off | 11. Drilling Prognosis |
| 6. Report of Shooting or Acidizing | 12. Plugged Back |
-

NAME OF LEASE Basic Game & Fish Date October 28, 19 85

WELL NO. #34-3 is located 392 ft. from (N) (S) line and 494 ft. from the (E) (W) line
of Section 2 Township 153N Range 101W in McKenzie
County, Wildcat Field Red River Pool. The elevation of the ground
is 1850 feet above sea level.

Name and Address of Contractor, or Company which will do work is:

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing,
indicate mud weights, cementing points, and all other details of work)

"Tight Hole"

Drilled to 6307', TOH, last 3 cones from bit in hole.
Plugged back well to 5450' to avoid time associated
with fishing cones and to eliminate 30° of direction
change that would have been required. Plug back well
with 100 sacks class G dense cement with 1.25% D-65
mixed to 17#/gal.

Company Basic Earth Science Systems, Inc.

Do not write in this space

Address P.O. Box 3088, Englewood, CO 80155

Approved

NOV 1 1985

19

By

Jeffery E. Jones

By

Jeffery E. Jones

Title

Vice President

Title



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

October 29, 1985

North Dakota Industrial Commission
Oil & Gas Division
900 East Boulevard
Bismarck, North Dakota 58505

Re: Basic Game & Fish #34-3
Sec. 3, T153N, R101W
McKenzie County, ND
Well File #11745

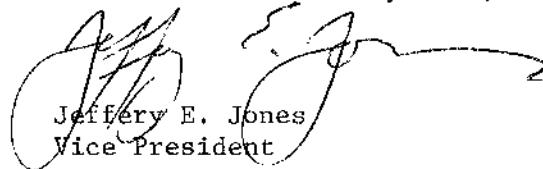
Gentlemen:

Enclosed please find a Sundry Notice submitted in triplicate detailing the plugging back of the above referenced well.

Please do not hesitate to contact me if you need any further information or have any questions.

Sincerely,

Basic Earth Science Systems, Inc.



Jeffery E. Jones
Vice President

JEJ:sg
encl.

TIGHT HOLEWell File No. 11745North Dakota State Industrial Commission
Oil and Gas Division

900 EAST BOULEVARD • BISMARCK, NORTH DAKOTA • 58505

SUNDRY NOTICES AND REPORTS ON WELLS

- | | |
|--|-----------------------------------|
| 1. Notice of Intention to Drill or Redrill | 7. Report of Casing |
| 2. Notice of Intention to Change Plans | 8. Report of Redrilling or Repair |
| 3. Notice of Intention to Pull Casing | 9. Supplementary History |
| 4. Notice of Intention to Abandon Well | 10. Well Potential Test |
| 5. Report of Water Shut-Off | 11. Drilling Prognosis |
| 6. Report of Shooting or Acidizing | 12. Spud & Set & Cement Casing |
-

NAME OF LEASE Basic Game & Fish Date October 24, 1985

WELL NO. #34-3 is located 392 ft. from (N) (S) line and 494 ft. from the (E) (W) line
 of Section 2 Township 153N Range 101W in McKenzie
 County, Wildcat Field Red River Pool. The elevation of the ground
 is 1850 feet above sea level.

Name and Address of Contractor, or Company which will do work is: McKay Drilling Company, Inc.
 1675 Broadway, Suite 2340
 Denver, CO 80202

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing,
 indicate mud weights, cementing points, and all other details of work)

Spud well at 7:00 a.m. on 10/16/85, McKay Drilling Co., Rig #59.

Surface Casing: 78 jts. 36# K55 9-5/8", cemented w/850 sx light, 6% gell, 2% CaCl,
 $\frac{1}{4}$ #/sx floccel. Tail in w/250 sx class G, 2% CaCl, $\frac{1}{4}$ #/sx celloseal.
 Displace w/227 bbls mud, good returns. Bump plug to 2000 psi, float
 held.

Company Basic Earth Science Systems, Inc.

Do not write in this space

Address P.O. Box 3088, Englewood, CO 80155

Approved

OCT 29 1985

19

By

Jeffery E. Jones
Jeffery E. Jones
Vice President

By

F.E. Williams

Title



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

October 25, 1985



North Dakota Industrial Commission
Oil & Gas Division
900 East Boulevard
Bismarck, ND 58505

Re: Basic Game & Fish #34-3
Sec. 3, T153N, R101W
McKenzie County, ND
Well File # 11745

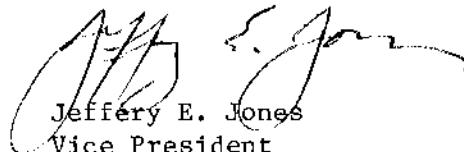
Gentlemen:

Enclosed please find a Sundry Notice submitted in triplicate detailing the spudding and setting of surface casing on the above referenced well. Please note that we have designated this well as a "Tight Hole" and request information on the Basic Game & Fish #34-3 be held in a confidential status.

Please do not hesitate to contact me if you need any further information or have any questions.

Sincerely,

Basic Earth Science Systems, Inc.



Jeffery E. Jones
Vice President

JEJ:ak

Enclosure:

FORM 4

Well File No. 11745

North Dakota State Industrial Commission

Oil and Gas Division

900 EAST BOULEVARD • BISMARCK, NORTH DAKOTA 58505

SUNDRY NOTICES AND REPORTS ON WELLS

- | | |
|--|-----------------------------------|
| 1. Notice of Intention to Drill or Redrill | 7. Report of Casing |
| 2. Notice of Intention to Change Plans | 8. Report of Redrilling or Repair |
| 3. Notice of Intention to Pull Casing | 9. Supplementary History |
| 4. Notice of Intention to Abandon Well | 10. Well Potential Test |
| 5. Report of Water Shut-Off | 11. Drilling Prognosis |
| 6. Report of Shooting or Acidizing | 12. Well File Replacement |
-

NAME OF LEASE Basic Game & Fish Date October 23, 1985WELL NO. #34-3 is located 392 ft. from (N) (S) line and 494 ft. from the (E) (W) lineof Section 2 Township 153N Range 101W in McKenzieCounty, Wildcat Field Red River Pool. The elevation of the groundis 1850 feet above sea level.

Name and Address of Contractor, or Company which will do work is:

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing,
indicate mud weights, cementing points, and all other details of work)The Basic Game & Fish #14-2 well file #11751 is replaced by the Basic Game & Fish
#34-3 well file #11745.

*CANCEL PERMIT #11751
Per tele conversation
w/Judy Burke 10/25/85*

Company Basic Earth Science Systems, Inc. Do not write in this spaceAddress P.O. Box 3088, Englewood, CO 80155 Approved OCT 25 1985 19 By Jeffrey E. Jones By F. WilliamsonTitle Jeffrey E. Jones
Vice President Title

(Instructions Over)

NORTH DAKOTA INDUSTRIAL COMMISSION

11745

OIL AND GAS DIVISION

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

October 25, 1985

Ms. Judy Burke
Basic Earth Science Systems, Inc.
P.O. Box 3088
Englewood, Colorado 80155

Re: Confidential Well Status
Basic Game & Fish #34-3
SW SW 2-153N-101W, McKenzie Co.
Permit #11745

Dear Ms. Burke:

Your request for confidential status of all information furnished to the Enforcement Officer, or his representatives, is hereby granted. Such information shall remain confidential for six months commencing on the date such information, except production data, is required by statute and rule to be filed.

If information obtained during the drilling of the well is to be confidential, the six months period begins on the date the well is spudded.

Confidential status notwithstanding, the Enforcement Officer and his representatives shall have access to all well records wherever located. Your company personnel, or any person performing work for your company, shall permit the Enforcement Officer and his representatives to come upon any lease, property, well, or drilling rig operated or controlled by them, complying with all safety rules, and to inspect the records and operation of such wells, and to have access at all times to any and all records of wells.

The Commission's field personnel periodically inspect producing and drilling wells. Any information regarding such wells shall be made available to them at any time upon request. The information so obtained by the field personnel shall be maintained in strict confidence, and shall be available only to the Commission, and its staff.

Sincerely yours,

F. E. Wilborn
F. E. Wilborn
Deputy Enforcement Officer

FEW:lb



Earth Science Systems, Inc.

11745

October 23, 1985

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

North Dakota Industrial Commission
Oil and Gas Division
900 East Boulevard
Bismarck, ND 58505

Attention: Ms. Connie Junker



Re: Basic Game & Fish #34-3
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2, T153N, R101W
McKenzie County, ND
Well Permit No. 11745

Gentlemen:

Basic Earth Science Systems, Inc. requests that you place the above-referenced Basic Game & Fish #34-3 in a confidential status.

A Sundry Notice is enclosed indicating the replacement of the Basic Game & Fish #34-2 with the Basic Game & Fish #34-3. Please do not hesitate to contact me if you have any questions.

Sincerely,

Basic Earth Science Systems, Inc.

Judy Burke
Judy Burke
Production Secretary

JB

September 30, 1985

Ms. Judy Burke
Basic Earth Science Systems, Inc.
P.O. Box 3088
Englewood, Colorado 80155

Dear Ms. Burke:

Check No. 2283 in the amount of \$100.00 was received.

Enclosed is Permit No. 11745, a Renewal, to drill the Basic Game & Fish #34-3 well, located in the SW SW of Section 2, T.153N., R.101W., McKenzie County, North Dakota.

It is requested that notification be given, immediately upon the spudding of the well. This information shall be relayed to the Oil and Gas Division, in Bismarck, via telephone. The following information should be included: well name, legal location, Permit Number, drilling contractor, company representative, and date and time of spudding. Office hours are 8:00 a.m. to 12:00 noon, and 1:00 p.m. to 5:00 p.m. Central Time. Our telephone number is Area Code 701, 224-2969.

Thank you for your cooperation.

Sincerely yours,

F. E. Wilborn
Deputy Enforcement Officer

lb
enc.

NORTH DAKOTA INDUSTRIAL COMMISSION
OIL AND GAS DIVISION

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

September 30, 1985

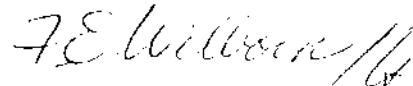
Ms. Judy Burke
Basic Earth Science Systems, Inc.
P.O. Box 3088
Englewood, Colorado 80155

Dear Ms. Burke:

Pursuant to Section 43-02-03-25 NDAC (as amended May 1, 1980), permission to deviate the wellbore of the Basic Game & Fish #34-3 well, Permit No. 11745, is hereby given.

The permission is granted on the condition that the wellbore of the well, having a surface location 392' from the south line and 494' from the west line of Section 2, T.153N., R.101W., McKenzie County, North Dakota, intersect all pay zones at a point that complies with the applicable spacing requirements. Also, a directional survey of the well showing the location of the wellbore shall be filed with the Industrial Commission within 30 days after completion of the well.

Sincerely yours,



F. E. Wilborn
Deputy Enforcement Officer

FEW:lb
enc.

FORM 1

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505

APPLICATION FOR PERMIT TO DRILL

(File original and 3 copies with the Oil & Gas Division, 900 East Boulevard, Bismarck, North Dakota 58505)

Type of work: Drill new well _____, Reenter old well _____, Drill directional well _____.

Type of well: Oil , gas _____, disposal _____, injection _____, others _____.

NAME OF OPERATOR: Basic Earth Science Systems, Inc.

ADDRESS: P. O. Box 3088, Englewood, CO 80155

NAME AND ADDRESS OF SURFACE OWNER OR TENANT: North Dakota Game & Fish

WELL NAME AND NO.: Basic Game & Fish #34-3

LOCATION OF WELL: Qtr.-Qtr., SW_{1/4} Sec., 12 Twp., 153N Rge., 101W COUNTY: McKenzie

Surface location is 392 feet from NW (S) section line and 494 feet and from NE (W) section line.

If directional, top of pay is 900 feet from NW (S) section line and 1350 feet and from (E) (W) section line. (Sec. 3)

Distance from proposed location to nearest spacing (drilling) unit line 900 ft.

Distance from proposed location to nearest permitted or completed well in the same pool is 4163 ft.

Acres in spacing (drilling) unit 320 Description of spacing unit is S_{1/4}

ELEVATION: 1850 (GROUND) -- (GRADED) ESTIMATED TOTAL DEPTH: 13,600' TVD

PROJECTED HORIZON (Pool Name): Red River APPROXIMATE DATE WORK WILL START: 10/10/85

REMARKS: All pay zones will be penetrated at a point that complies with applicable spacing requirements. A directional survey of the well showing the location of the wellbore will be filed with the Industrial Commission within 30 days after completion of the well.

I hereby swear or affirm that the information herein provided is true, complete and correct as determined from all available records

Judy Burke
Signature

Production Secretary

September 20, 1985

Title

Date

STATE OF Colorado
COUNTY OF Arapahoe } SS

On this 20th day of September, 1985, before me personally appeared

Judy Burke to me known as the person described in and who executed the foregoing instrument

and acknowledged that (s)he executed the same as his/her free act and deed.

J. J. Burke
Notary Public

October 21, 1988

My Commission expires

FOR STATE USE ONLY

API NO. 33-053-02102

PERMIT NO. & WELL FILE NO. 11745

Notary
Seal

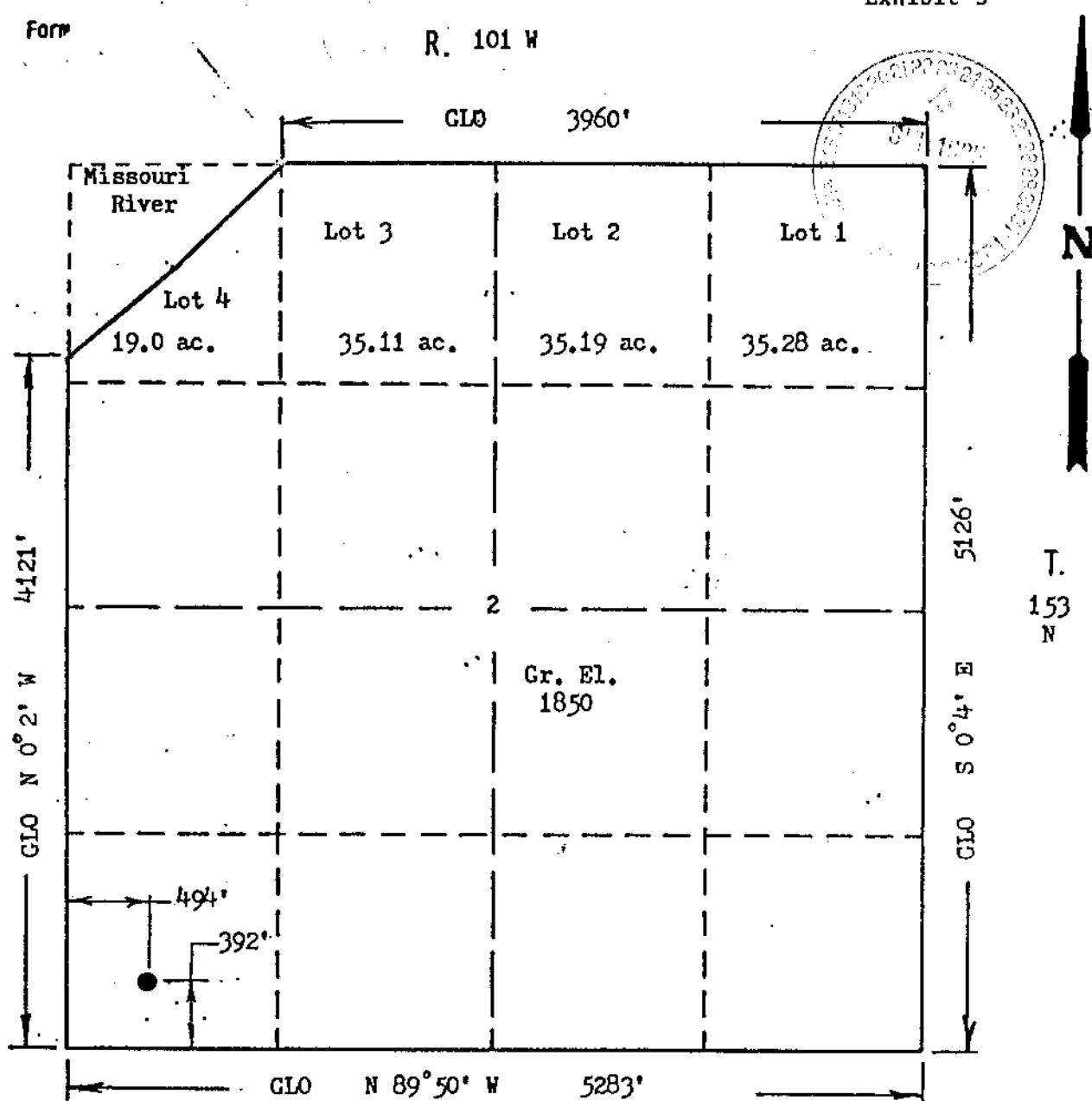
APPROVAL DATE: SEP 30 1985

BY: F. E. D. DeLoach

(SEE INSTRUCTIONS ON REVERSE SIDE)

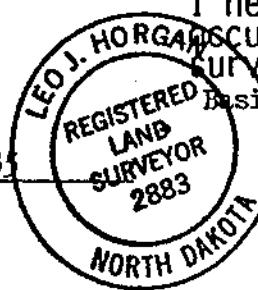
Form

R. 101 W



Scale: 1"=1000'

Powers Elevation of Denver, Colorado has in accordance with a request
from Tom Hopkins for Basic Earth Science Systems Inc.
determined the location of Basic Game & Fish #14-2
to be 392' FS & 494' FW Section 2 , Township 153 N
Range 101 West of the Fifth Principal Meridian,
McKenzie County, North Dakota



I hereby certify that this plat is an accurate representation of a correct
survey showing the location of
Basic Game & Fish #14-2

Date: 9-4-83

Leo J. Horgan
Licensed Land Surveyor No. 2883
State of North Dakota

DRILLING PROGNOSIS

Basic Game & Fish #34-3
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 3-T153N-R101W
Surface Location: 392'FSL & 494'FWL
Top of Pay: 900'FSL & 1350'FEL
McKenzie County, ND

1. Estimated Tops of Geological Markers

<u>Formation</u>	<u>True Vertical Depth</u>	<u>Subsea Depth</u>
Pierre Shale	1,580	+ 291
Niobrara	4,107	-2,236
Greenhorn	4,563	-2,692
Belle Fourche	4,607	-2,736
Mowry	4,777	-2,906
Muddy	4,954	-3,083
Dakota	5,357	-3,486
Morrison	5,832	-3,961
Swift	6,100	-4,229
Reardon	6,305	-4,434
Piper	6,487	-4,616
Spearfish	6,787	-4,916
Pine Salt	6,822	-4,951
Minnekahta	7,202	-5,331
Opeche	7,257	-5,386
Minnelusa	7,542	-5,671
Amsden	7,834	-5,963
Tyler	8,020	-6,149
T/Miss. Otter	8,142	-6,271
Kibbey	8,303	-6,432
Charles	8,452	-6,581
BLS	8,933	-7,061
Lodgepole	9,649	-7,777
Bakken	10,423	-8,551
Three Forks	10,496	-8,624
Nisku	10,685	-8,813
Duperow	10,784	-8,912
Souris River	11,243	-9,371
Dawson Bay	11,480	-9,608
Prairie Evap.	11,593	-9,721
Winnepegosis	11,788	-9,916
Ashern	11,987	-10,115
Interlake	12,102	-10,230
Stonewall	12,950	-11,078
Gunton	13,029	-11,157
Stoney Mt.	13,134	-11,262
Red River	13,190	-11,318
TD	13,600	

DRILLING PROGNOSIS
Basic Game & Fish #34-3

2. Proposed Casing Program

<u>Size</u>	<u>Grade</u>	<u>Weight/Ft</u>	<u>Thread</u>	<u>Setting Depth</u>
9-5/8"	K-55	36#	ST&C	0-3000'
5-1/2"	L-80	23#	LT&C	0-2550'
5-1/2"	L-80	20#	LT&C	2550-6550'
5-1/2"	RS-90	23#	LT&C	6550-6750'
5-1/2"	L-80	20#	LT&C	6750-8200'
5-1/2"	RS-90	23#	LT&C	8200-8985'
5-1/2"	L-80	20#	LT&C	8985-11550'
5-1/2"	RS-90	26.4#	LT&C	11550-11850'
5-1/2"	L-80	23#	LT&C	11850-13600'

5. Proposed Circulating Medium

The type and characteristics of the proposed circulating mud system will be gel chemical/inverted with adequate stocks of sorptive agents and other materials on-site to handle any anticipated down hole problem, as well as possible spills of fuel and oil on surface.

<u>Depth</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Salinity</u>
0-2000	8.5-9.0	Sweeps	N/C	Fresh
2000-4500	8.7-9.5	Sweeps	N/C	Fresh
4950-5600	9.0-10.0	25-32	1/4 15	Fresh
5600-6600	9.5-10.2	25-35	1/4 30	Brine
6600-8450	9.5-10.6	32-50	1/4 30	Saturated
8450-9100	9.5-10.6	28-35	1/4 30	
9100-TD	9.5-10.6	28-50	1/4 12 for DST's	

The surface hole and first 3000' will be drilled with fresh water, using gel pills as needed to keep hole clean. The saturation of the mud will then be allowed to increase to saturated before drilling the Pine Salt at 6822'. The system will be kept salt saturated to TD.

6. Testing, Logging and Coring Programs (Proposed, depending shows)

- A. Drill Stem Tests will be made in any formation indicating commercial production.
- B. Logs run will be an Integrated Sonic Log from 2000' to total depth; a Dual Induction Log from surface to total depth; and a FDC/CNL Log from approximately 6000' to total depth.
- C. A two man mud logging unit will be on location from 8500' to TD.
- D. No cores are anticipated.
- E. We do not anticipate using fracture treatment.
- F. Directional surveys will be taken every 500' from surface to TD and the connection above any anticipated salts and the connection below the Pine and Charles salts.



Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155

September 20, 1985 (303) 792-5230



Mr. F. E. Wilborn
Deputy Enforcement Officer
North Dakota Industrial Commission
Oil and Gas Division
900 East Boulevard
Bismarck, North Dakota 58505

Re: Basic Game & Fish #34-3
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3, T153N, R101W
McKenzie County, ND

Dear Mr. Wilborn:

Enclosed please find an original and three copies of an Application for Permit to Drill for the Basic Game & Fish #34-3 along with copies of the surveyor's plat and the drilling prognosis. This application for a directional well will replace the previously submitted application for the Basic Game & Fish #34-3. The permit fee of \$100 is attached to the application currently being held in your office.

Please do not hesitate to contact me if you need additional information or have any questions.

Sincerely,

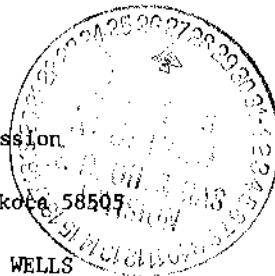
Basic Earth Science Systems, Inc.

Judy Burke
Judy Burke
Production Secretary

JB

encl.

cc: Mr. Kemp Wilson, Crowley, Haughey, Hanson, Toole & Dietrich
Mr. Harold Anderson, Pearce, Anderson, Durick



Well File No. 11745

North Dakota Industrial Commission
Oil and Gas Division
900 East Blvd., Bismarck, North Dakota 58505

SUNDY NOTICES AND REPORTS ON WELLS

- | | |
|--|---|
| 1. Notice of Intention to Drill or Redrill _____ | 7. Report of Casing _____ |
| 2. Notice of Intention to Change Plans _____ | 8. Report of Redrilling or Repair _____ |
| 3. Notice of Intention to Pull Casing _____ | 9. Supplementary History _____ |
| 4. Notice of Intention to Abandon Well _____ | 10. Well Potential Test _____ |
| 5. Report of Water Shut-Off _____ | 11. Drilling Prognosis _____ |
| 6. Report of Shooting or Acidizing _____ | 12. Rescind Application for Permit to Drill _____ |

NAME OF LEASEE Burk Date 9-26- , 19 85

WELL NO. 15-3 is located 250 ft. from the (S) line and 2171 ft. from the (E) (W) line

of Section 3 Township 153 North Range 101 West in Mckenzie

County, _____ Field _____ Red River _____ Pool. The elevation of the _____ KB

is _____ 1850 _____ feet above sea level.

Name and Address of Contractor, or Company which will do work is:

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing, indicate mud weights, cementing points, and all other details of work)

NANCE PETROLEUM CORPORATION wishes to rescind its Application for Permit to Drill number 11745.

Company NANCE PETROLEUM CORPORATION

Do not write in this space

Address P. O. Box 2536, Billings, MT 59103

Approved 19

By Sam F. Evert

11 of 11 | Page

Title Engineer

Title _____

(Instruction Over)

FORM 4

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58501



Well File No. 11711

SUNDRY NOTICES AND REPORTS ON WELLS

- | | |
|--|-----------------------------------|
| 1. Notice of Intention to Drill or Redrill | 7. Report of Casing |
| 2. Notice of Intention to Change Plans | 8. Report of Redrilling or Repair |
| 3. Notice of Intention to Pull Casing | 9. Supplementary History |
| 4. Notice of Intention to Abandon Well | 10. Well Potential Test |
| 5. Report of Water Shut-Off | 11. Drilling Prognosis |
| 6. Report of Shooting or Acidizing | 12. Well Name Change |

NAME OF LEASE (Heen #15-3) Burk #15-3 Date September 10, 1985

WELL NO. #15-3 is located 250' ft. from the (N) (S) line and 2171 ft. from the (E) (W) line

of Section 3 Township 153 N Range 101 W in McKenzie

County, Field Red River Pool. The elevation of the KB

is 1850 feet above sea level.

Name and Address of Contractor, or Company which will do work is:

(DETAILS OF WORK)

(State names of, and expected depth of objective sand; show sizes, weight, and lengths of proposed casing,
indicate mud weights, cementing points, and all other details of work)

The Application for Permit to Drill was submitted September 3, 1985 for the Heen #15-3, for directional 660 fsl and 1980 fel, placed on Heen Lease, at the request of the North Dakota State Industrial Commission due to spacing regulation, the revised APD submitted September 6, 1985, directional 1320 fsl and 1320 fel placed the well on the Burk Lease, therefore, this is to verify the name change from the Heen #15-3 to the Burk #15-3.

Company NANCE PETROLEUM CORPORATION

Do not write in this space

Address P. O. Box 2536 Billings, MT 59103

Approved

SEP 12 1985

By Gary F. Evert

By

Title Engineer

Title

September 6, 1985

Mr. Gary L. Evertz
Nance Petroleum Corporation
P.O. Box 2536
Billings, MT 59103

Dear Mr. Evertz:

Check No. 5496 in the amount of \$100.00 was received.

11745
Enclosed is Permit No. ~~2280~~ to drill the Heen #15-3 well, located in
the SW SE of Section 3, T.153N., R.101W., McKenzie County, North Dakota.

It is requested that notification be given, immediately upon the
spudding of the well. This information shall be relayed to the Oil and
Gas Division, in Bismarck, via telephone. The following information
should be included: well name, legal location, Permit Number, drilling
contractor, company representative, and date and time of spudding.
Office hours are 8:00 a.m. to 12:00 noon, and 1:00 p.m. to 5:00 p.m.
Central Time. Our telephone number is Area Code 701, 224-2969.

Thank you for your cooperation.

Sincerely yours,

F. E. Wilborn
Deputy Enforcement Officer

1b
enc.

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

WESLEY D. NORTON
Chief Enforcement Officer

F. E. WILBORN
Deputy Enforcement Officer

CLARENCE G. CARLSON
Geologist

CHARLES KOCH
Engineering Dept.

DOREN DANNEWITZ
Field Supervisor

KEN KALLESTAD
Reclamation Sup.

September 6, 1985

Mr. Gary L. Evertz
Nance Petroleum Corporation
P.O. Box 2536
Billings, MT 59103

Re: Deviate Wellbore
Heen #15-3

Dear Mr. Evertz:

Pursuant to Section 43-02-03-25 NDAC (as amended May 1, 1980), permission to deviate the wellbore of the Nance Petroleum #15-3-Heen well, Permit No. 11745, is hereby given. *BURK*

The permission is granted on the condition that the wellbore of the well, having a surface location 250' from the south line and 2171' from the east line of Section 3, T.153N., R.101W., McKenzie County, North Dakota, intersect all pay zones at a point that complies with applicable spacing requirements. Also, a directional survey of the well showing the location of the wellbore shall be filed with the Industrial Commission within 30 days after completion of the well.

Sincerely yours,

F.E. Wilborn
F. E. Wilborn
Deputy Enforcement Officer

FEW:lb
enc.

NANCE PETROLEUM CORPORATION
550 North 31st Street, Suite 500
P.O. Box 2536
Billings, Montana 59103
406 / 245-6248



September 6, 1985

Mr. Jack Wilburn
North Dakota State Industrial Commission
Oil and Gas Division
900 East Boulevard
Bismarck, North Dakota 58505

Re: Application for Permit to Drill (Heen #15-3) Burk #15-3
SWSE, Section 3, T153N, R101W
McKenzie County, North Dakota

Dear Mr. Wilburn:

Enclosed is the revised APD for the reference location per our telephone conversation of this date.

Very truly yours,

NANCE PETROLEUM CORPORATION

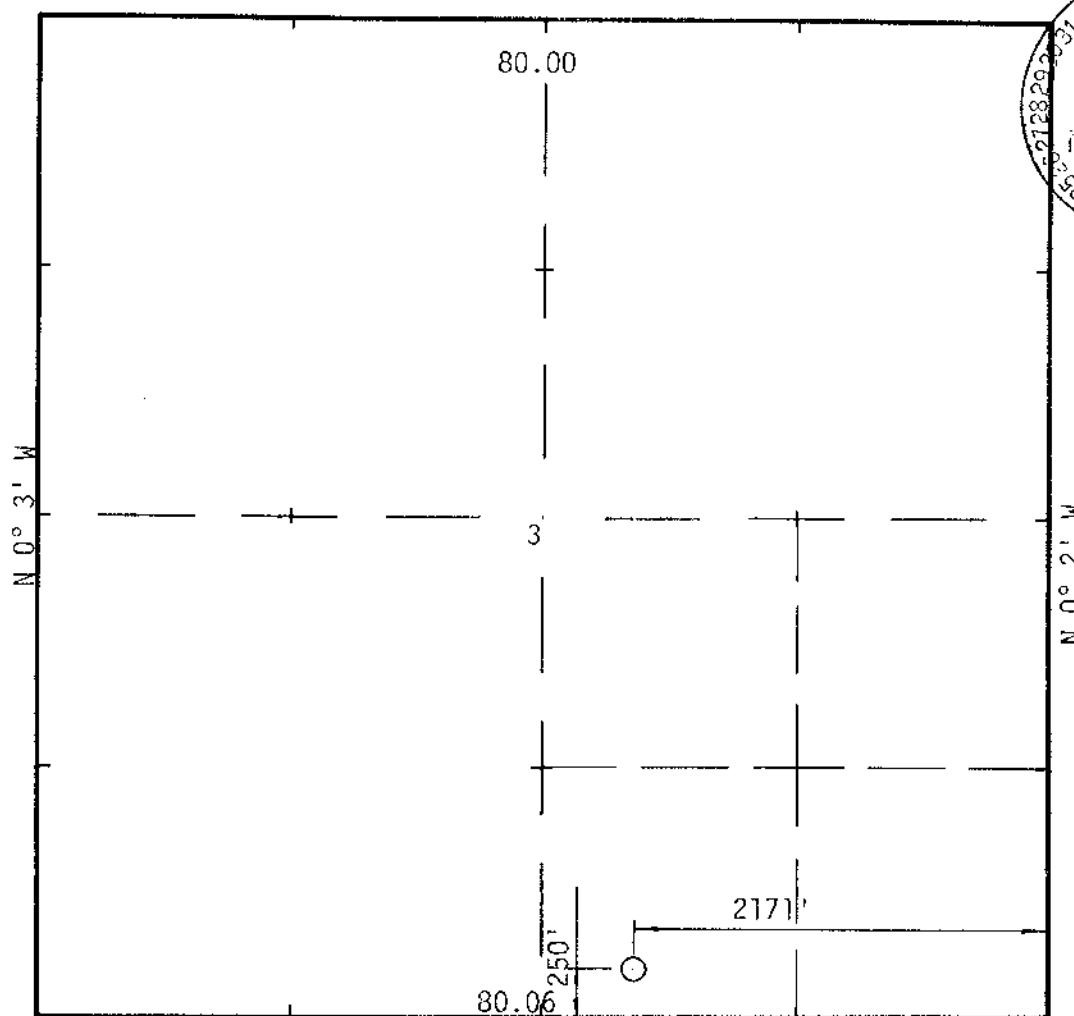
Gary L Evertz
Gary L Evertz
Engineer

jm

Enclosure

UNGRADED GROUND ELEVATION: 1850'

DATE: August 20, 1985

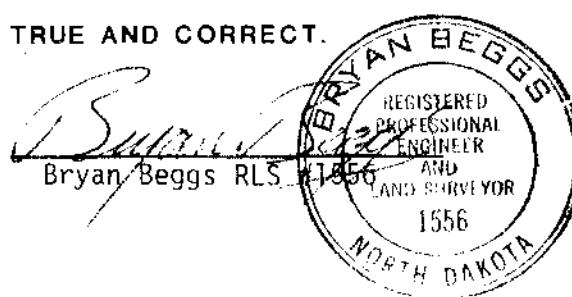


SCALE:

1" = 1000'

I HEREBY CERTIFY THAT THIS PLAT
WAS MADE FROM AN ACTUAL SURVEY
DONE BY ME AND THAT TO THE BEST
OF MY KNOWLEDGE SAID SURVEY IS
TRUE AND CORRECT.

Bryan Beggs RLS



WELL: Heen 15-3

COMPANY: Nance Petroleum

QUARTER: SW SE SECTION: 3

TWP 153 N - R101 W

COUNTY: McKenzie STATE: ND

- SET IRON PIN EXIST. IRON PIN
 BRASS CAP ORIGINAL STONE
 ORIGINAL STONE & I. P.

WEBSTER, FOSTER & WESTON
CONSULTING ENGINEERS
WILLISTON, NORTH DAKOTA

DRILLING PROGNOSIS

OPERATOR: NANCE PETROLEUM CORPORATION
 Lease & Well No.: ~~Heen #1523~~
 Location: (SWSE), 250' ~~out~~, 2171' fel. Section 3, T153N, R101E, McKenzie County,
 North Dakota
 Elev. Gr. 1850 Est. K.B. 1870 Est.

PROSPECT: East Phoenix
 By: A. Hill, G. Evertz
 Proposed TD: 13,500'

ESTIMATED FORMATION TOPS

NAME	DEPTH	DATUM
Greenhorn	4345	-2475
Dunham Salt	6610	-4740
Pine Salt	7024	-5154
Millelusa	7370	-5500
Charles Salt	8295	-6425
Mission Canyon	9155	-7285
Bakken	10,425	-8555
Nisku	10,682	-8812
Dawson Bay	11,470	-9600
Inter Lake	12,070	-10,200
Red River	13,170	-11,300
Total Depth	13,500	

CASING PROGRAM

STRING	HOLE SIZE	AMOUNT	CASING	WEIGHT	GRADE	DEPTH	SACKS
						SET AT	CEMENT
Surface	12-1/4"	3,000'	9-5/8"	36#	K-55	3000	1,000
Production	8-3/4"	13,500'	5-1/2"	17,20,23#	L/N-80	13,500	2,500

REMARKS: Cmt 9-5/8" to surface. Cmt 5-1/2" across all productive zones and above Dakota.

MUD PROGRAM

DEPTH	TYPE	VIS.	WT.	W/L	SALINITY	ZOIL
0 -	3000' Fresh Wtr	30	8.4	No Control	--	--
3000 -	5100' Salt Wtr	28-30	9.2 - 9.7	" "	150,000	--
5100 -	8100' Salt Wtr	30-32	9.7 -10.2	20-25	250,000	--
8100 -	13,500' Sat Slt Wtr	32-38	10.2 -10.4	20	320,000	--

SAMPLE PROGRAM

Take 30' Samples from 7370 To 9000
 And 10' Samples from 9000 To TD

Wash samples clean, tie with soft line and store in clean dry area.
 Drill time to be recorded by Geograph from surface to total depth.

LOGGING PROGRAM

COMPANY	TYPE	INTERVAL
DLL - GR		SC to TD
Sonic/GR		SC to TD
FIDC/CNL/GR		8900' to TD

(Or, as designated by wellsite geologist)

Deviation surveys: 1° Max on surface. Max 1°/1000' not to exceed 5° to TD

CHECK SHEET

DATE:

September 30, 1985

FILE NO. 11745

COMPANY:

Basic Earth Science Systems, Inc.

WELL NAME:

Basic Game & Fish #34-3

LOCATION:

SW SW Sec. 2-153N-101W, McKenzie Co.

Permit Fee

X

Application to Drill

X

Organization Report

X

\$100,000 Bond

\$50,000 Bond

X

\$15,000 Bond

Certified Plat

X

Notice of Intention to Drill

X

Sundry Notice

XXX

Completion Report

X

Plugging Report

Authorization to Transport Oil

X

DST Reports

1. enclosed (2 pages)

Geological Reports

Yes. enclosed

Core Analysis Reports

None

Logs

Mud 11-29-85 CBL, FDL, DLL, PDC

PERMIT NO. 11745

BHC 2-7-86 Geoleeok ISSUED: Sept. 30, 1985

3-3-86

RENEWAL

Status of Well:

Inspection Date:

Inspector:

Terrain: Tillable, Prairie, Badlands Type, other (circle one)

If Producer: Return check sheet promptly when reclamation is first noticedIf Plugged and Abandoned: Is drill site acceptable for bond release? Yes _____ No _____
If no, please explain below.

Well file OK
2-19-81
JL

~~missing~~
~~Cyberlog~~
~~Casey's Log~~

~~Complete~~
~~DST Report~~

CHECK SHEET

DATE: September 30, 1985 FILE NO. 11745

COMPANY: Basic Earth Science Systems, Inc.

WELL NAME: Basic Game & Fish #34-3

LOCATION: SW SW Sec. 2-153N-101W, McKenzie Co.

Permit Fee X

Application to Drill X

Organization Report X

\$100,000 Bond _____

\$50,000 Bond X

\$15,000 Bond _____

Certified Plat X

Notice of Intention to Drill X

Sundry Notice _____

Completion Report _____

Plugging Report _____

Authorization to Transport Oil _____

DST Reports _____

Geological Reports _____

Core Analysis Reports _____

Logs _____

RENEWAL

PERMIT NO. 11745 ISSUED: Sept. 30, 1985

Status of Well: _____ Inspection Date: _____ Inspector: _____

Terrain: Tillable, Prairie, Badlands Type, other (circle one)

If Producer: Return check sheet promptly when reclamation is first noticedIf Plugged and Abandoned: Is drill site acceptable for bond release? Yes ____ No ____
If no, please explain below.

CHECK SHEET

DATE: September 6, 1985 FILE NO. 1174

COMPANY: Nance Petroleum Corporation

WELL NAME: POLK
Heen #15-3

LOCATION: SW SE Sec. 3-153N-101W, McKenzie Co.

Permit Fee X

Application to Drill X Annotated

Organization Report X

\$100,000 Bond _____

\$50,000 Bond X

\$15,000 Bond _____

Certified Plat X

Notice of Intention to Drill X

Sundry Notice XX

Completion Report _____

Plugging Report _____

Authorization to Transport Oil _____

DST Reports _____

Geological Reports _____

Core Analysis Reports _____

Logs _____

PERMIT NO. 11745ISSUED: Sept. 6, 1985

Status of Well: _____ Inspection Date: _____ Inspector: _____

Terrain: Tillable, Prairie, Badlands Type, other (circle one)

If Producer: Return check sheet promptly when reclamation is first noticed

If Plugged and Abandoned: Is drill site acceptable for bond release? Yes No
If no, please explain below.

*Permit
Cancelled
per Operator
Form 4 dated
9-26-85*

CHECK SHEET

DATE: September 6, 1985 FILE NO. 11745

COMPANY: Nance Petroleum Corporation

WELL NAME: BURK
Horn #15-3

LOCATION: SW SE Sec.3-153N-101W, McKenzie Co.

Permit Fee X

Application to Drill X

Organization Report X

\$100,000 Bond _____

\$50,000 Bond X

\$15,000 Bond _____

Certified Plat X

Notice of Intention to Drill X

Sundry Notice _____

Completion Report _____

Plugging Report _____

Authorization to Transport Oil _____

DST Reports _____

Geological Reports _____

Core Analysis Reports _____

Logs _____

PERMIT NO. 11745ISSUED: Sept. 6, 1985

Status of Well: _____ Inspection Date: _____ Inspector: _____

Terrain: Tillable, Prairie, Badlands Type, other (circle one)If Producer: Return check sheet promptly when reclamation is first noticedIf Plugged and Abandoned: Is drill site acceptable for bond release? Yes No
If no, please explain below.

