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
ND Oil & Gas Division

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	Qtr-Qtr	Section	Township	Range	County
Basic Game & Fish 34-3H	SWSW	2	153 N	101 W	McKenzie

Operator	Telephone Number	Field
RIM Operating, Inc	303-799-9828	Baker

Address	City	State	Zip Code
5 Inverness Drive East	Englewood	CO	80112

Name of First Purchaser	Telephone Number	% Purchased	Date Effective
Mercuria Energy Trading, Inc.	832-209-2400	100	March 1, 2016

Principal Place of Business	City	State	Zip Code
20 Greenway Plaza, Suite 650	Houston	TX	77046
Field Address	City	State	Zip Code

Name of Transporter	Telephone Number	% Transported	Date Effective
Rocky Mountain Crude Oil LLC	877-651-9351	100	March 1, 2016

Address	City	State	Zip Code
490 North 31st Street #2010	Billings	MT	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	Title
Liz Ortiz	Liz Ortiz	Engineering Technician

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Kenneth J. Kundrik	Ken Kundrik	A&D Manager

FOR STATE USE ONLY

Date Approved	MAR 17 2016
By	Evie Roberson
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)

AUG 2015
RECEIVED
ND OIL & GAS DIVISION

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	Qtr-Qtr	Section	Township	Range	County
Basic Game & Fish 34-3H	SWSW	2	153 N	101 W	McKenzie

Operator	Telephone Number	Field
RIM Operating, Inc	303-799-9828	Baker

Address	City	State	Zip Code
5 Inverness Drive East	Englewood	CO	80112

Name of First Purchaser	Telephone Number	% Purchased	Date Effective
PetroChina International America, Inc.	832-325-5317	100	September 1, 2015

Principal Place of Business	City	State	Zip Code
2000 W Sam Houston Parkway South	Houston	TX	77042
Field Address	City	State	Zip Code

Name of Transporter	Telephone Number	% Transported	Date Effective
Badlands Tank Lines, LLC	402-281-0646	100	September 1, 2015

Address	City	State	Zip Code
2211 South 156th Circle #2B	Omaha	NE	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	Title
Liz Ortiz	Liz Ortiz	Engineering Technician

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Kenneth J. Kundrik	Ken Kundrik	A&D Manager

FOR STATE USE ONLY

Date Approved	AUG 24 2015
By	Evie Roberson
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)

MAY 2013 RECEIVED ND OIL & GAS DIVISION

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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	2	153 N	101 W	MCKENZIE

Operator	Telephone Number	Field
RIM OPERATING, INC.	303-799-9828	BAKER

Address	City	State	Zip Code
5 INVERNESS DRIVE EAST	ENGLEWOOD	CO	80112

Name of First Purchaser	Telephone Number	% Purchased	Date Effective
PLAINS MARKETING, L.P.	713-646-4100	100	May 16, 2013

Principal Place of Business	City	State	Zip Code
PO BOX4648	HOUSTON	TX	77210

Field Address	City	State	Zip Code
303 6TH AVE NE	BELFIELD	ND	58622

Name of Transporter	Telephone Number	% Transported	Date Effective
PLAINS MARKETING, L.P.	701-575-4349	100	May 16, 2013

Address	City	State	Zip Code
303 6TH AVE NE	BELFIELD	ND	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	Title
Kenneth J. Kundrik	KEN KUNDRIK	OPERATIONS MANAGER

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Kim Neabuhr	KIM NEABUHR	REVENUE ACCOUNTANT

FOR STATE USE ONLY

Date Approved	MAY 28 2013
By	Eric Robertson
Title	Oil & Gas Production Analyst

NORTH DAKOTA
OIL AND GAS DIVISION

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)

MAY 2013 RECEIVED ND OIL & GAS DIVISION

FOR STATE USE ONLY
NDIC Bond Number: R312

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**			Telephone Number: **406-245-6248**
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.**			Telephone Number: **303-799-9828**
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	May 24, 2013
By	Bruce E. Hicks
Title	Assistant Director

Well File No.	Well Name	Gross Acres	Field	County	ST	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
[illegible]45	BASIC GAME & FISH 34-3H	320	BAKER	MCKENZIE	ND	SWSW	2	153N	101W
[illegible]920	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 4

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

RECEIVED AUG 2012 ND OIL & GAS DIVISION

Well File No. 11745

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND ONE COPY.

- [ ] Notice of Intent — Approximate Start Date
- [x] Report of Work Done — Date Work Completed: July 23, 2012
- [ ] 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

- [ ] Drilling Prognosis
- [ ] Spill Report
- [ ] Redrilling or Repair
- [ ] Shooting
- [ ] Casing or Liner
- [ ] Acidizing
- [ ] Plug Well
- [ ] Fracture Treatment
- [ ] Supplemental History
- [ ] Change Production Method
- [ ] Temporarily Abandon
- [ ] Reclamation
- [x] 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	Pool	County			
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)			
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		Telephone Number
SM Energy Company		(406) 245-6248
Address: P.O. Box 7168		
City: Billings	State: MT	Zip Code: 59103
Signature: Cris Rogers	Printed Name: Cris Rogers	
Title: Operations Engineer	Date: July 27, 2012	
Email Address: crogers@sm-energy.com		

FOR STATE USE ONLY

- [x] Received
- [ ] Approved

Date: September 7, 2012

By: David M. Mehy

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 4

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

FEB 2012 RECEIVED ND OIL & GAS DIVISION

Well File No. **11745**

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
PLEASE SUBMIT THE ORIGINAL AND ONE COPY.

☑ Notice of Intent	Approximate Start Date
☐ Report of Work Done	Date Work Completed
☐ 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

☐ Drilling Prognosis	☐ Spill Report
☐ Redrilling or Repair	☐ Shooting
☐ Casing or Liner	☐ Acidizing
☐ Plug Well	☐ Fracture Treatment
☐ Supplemental History	☐ Change Production Method
☐ Temporarily Abandon	☐ Reclamation
☐ 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 L	SWSW	2	153 N	101 W	
Field	Pool	County			
BAKER	~~BAKKEN~~ MADISON	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

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**	Zip Code **59103**
Signature Lorena Griggs	Printed Name **Lorena Griggs**	
Title **Regulatory & Safety Assistant**	Date **February 3, 2012**	
Email Address **rgriggs@sm-energy.com**		

FOR STATE USE ONLY

☒ Received	☐ Approved
Date February 22, 2012	
By David J. McCusker	
Title PETROLEUM ENGINEER	

11745

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

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)

APR 2011 RECEIVED OIL & GAS DIVISION

Well File No. **11745**

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
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- [x] Notice of Intent — Approximate Start Date
- [ ] Report of Work Done — Date Work Completed
- [ ] 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

- [ ] Drilling Prognosis
- [ ] Redrilling or Repair
- [ ] Casing or Liner
- [ ] Plug Well
- [ ] Supplemental History
- [ ] Temporarily Abandon
- [x] Other **Shut In Well**
- [ ] Spill Report
- [ ] Shooting
- [ ] Acidizing
- [ ] Fracture Treatment
- [ ] Change Production Method
- [ ] Reclamation

Well Name and Number					
Basic Game & Fish 34-3H			2		
Footages	Qtr-Qtr	Section	Township	Range	
392 F S L 494 F WL	SWSW	~~3~~	153 N	101 W	
Field	Pool	County			
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)			
Address	City	State	Zip Code

DETAILS OF WORK

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

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

FOR STATE USE ONLY

[x] Received	[ ] Approved
Date	April 5, 2011
By	David J McCusker
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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	2	153 N	101 W	McKENZIE

Operator	Telephone #	Field
SM ENERGY COMPANY	406-245-6248	BAKER

Address	City	State	Zip Code
P O BOX 7168	BILLINGS	MT	59103-7168

Name of First Purchaser	Telephone #	% Purchased	Date Effective
Plains Marketing-North Dakota, Inc.	303-850-4284	100	January 1, 2011

Principal Place of Business	City	State	Zip Code
5660 Greenwood Plaza Blvd., #230	Greenwood Village	CO	80111

Field Address	City	State	Zip Code
PO Box 567	Plentywood	MT	59254

Name of Transporter	Telephone Numbe	% Transported	Date Effective
Diamond B Trucking Inc. (TR)	701-245-6423	100	January 1, 2011

Address	City	State	Zip Code
PO Box 445	Westhope	ND	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

Signature	Printed Name	Title
Sherry Karst	Sherry Karst	Production Accountant

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Brenda Young	Brenda Young	Field Tech Support

FOR STATE USE ONLY

Date Approved	FEB 09 2011
By	Annette Tyler
Title	Oil - Gas Prod Analyst

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)

JUL 2010
RECEIVED
ND OIL & GAS DIVISION

Well File No. **11745**

PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.
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- [ ] Report of Work Done — Date Work Completed
- [ ] 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

- [ ] Drilling Prognosis
- [ ] Redrilling or Repair
- [ ] Casing or Liner
- [ ] Plug Well
- [ ] Supplemental History
- [ ] Temporarily Abandon
- [x] Other **Shut In Well**
- [ ] Spill Report
- [ ] Shooting
- [ ] Acidizing
- [ ] Fracture Treatment
- [ ] Change Production Method
- [ ] Reclamation

Well Name and Number				
Basic Game & Fish 34-3H				
Footages	Qtr-Qtr	Section	Township	Range
392 F S L 494 F W L	SWSW	3	153 N	101 W
Field	Pool	County		
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)			
Address	City	State	Zip Code

DETAILS OF WORK

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

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

FOR STATE USE ONLY

- [x] Received
- [ ] 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
SFN 5698 (03-2000)

JUN 2010 RECEIVED ND OIL & GAS DIVISION

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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	2	153 N	101 W	McKENZIE

Operator	Telephone #	Field
SM ENERGY COMPANY	406-245-6248	BAKER

Address	City	State	Zip Code
P O BOX 7168	BILLINGS	MT	59103-7168

Name of First Purchaser	Telephone #	% Purchased	Date Effective
Nexen Marketing USA Inc	303-850-4284	100	June 1, 2010

Principal Place of Business	City	State	Zip Code
5660 Greenwood Plaza Blvd., #230	Greenwood Village	CO	80111

Field Address	City	State	Zip Code
PO Box 567	Plentywood	MT	59254

Name of Transporter	Telephone Numbe	% Transported	Date Effective
Diamond B Trucking Inc. (TR)	701-245-6423	100	June 1, 2010

Address	City	State	Zip Code
PO Box 445	Westhope	ND	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.

Date: June 10, 2010

Signature	Printed Name	Title
Sherry Karst	Sherry Karst	Production Technician

Above Signature Witnessed By

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

FOR STATE USE ONLY

Date Approved	JUL 01 2010
By	Annette Tetzlaff
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

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

600 E Boulevard Ave - Dept 405, Bismarck, North Dakota 58505-0840 Phone (701)328-8020 Fax (701)328-8022

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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	2	153 N	101 W	McKENZIE

Operator	Telephone #	Field
ST MARY LAND & EXPLORATION COMPANY	406-245-6248	BAKER

Address	City	State	Zip Code
P O BOX 7168	BILLINGS	MT	59103-7168

Name of First Purchaser	Telephone #	% Purchased	Date Effective
Nexen Marketing USA Inc	303-850-4284	100	December 1, 2007

Principal Place of Business	City	State	Zip Code
5660 Greenwood Plaza Blvd., #230	Greenwood Village	CO	80111

Field Address	City	State	Zip Code
PO Box 567	Plentywood	MT	59254

Name of Transporter	Telephone Numbe	% Transported	Date Effective
Diamond B Trucking Inc. (TR)	701-245-6423	100	December 1, 2007

Address	City	State	Zip Code
PO Box 445	Westhope	ND	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	Title
Kari Wheeler	Kari Wheeler	Production Assistant

Above Signature Witnessed By

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

DEC 2007

FOR STATE USE ONLY

Date Approved: 12-26-07

By: Annette Fuhrer

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

600 E Boulevard Ave - Dept 405, Bismarck, North Dakota 58505-0840 Phone (701)328-8020 Fax (701)328-8022

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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	2-3	153 N	101 W	McKENZIE

Operator	Telephone #	Field
NANCE PETROLEUM CORPORATION	406-245-6248	BAKER

Address	City	State	Zip Code
P O BOX 7168	BILLINGS	MT	59103-7168

Name of First Purchaser	Telephone #	% Purchased	Date Effective
Eighty-Eight Oil LLC	307-266-0264	100	April 1, 2005

Principal Place of Business	City	State	Zip Code
P O Drawer 2360	Casper	WY	82602

Field Address	City	State	Zip Code
P O Drawer 2360	Casper	WY	82602

Name of Transporter	Telephone Numbe	% Transported	Date Effective
Black Hills Trucking	307-266-0264	100	April 1, 2005

Address	City	State	Zip Code
P.O. Drawer 2360	Casper	WY	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	Printed Name	Title
Amanda Rambur	Amanda Rambur	Marketing Represntative

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Terry Holzwarth	Terry Holzwarth	VP - Business Development

FOR STATE USE ONLY

Date Approved	4-6-05
By	Annette Fetzer
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)

RECEIVED ND OIL & GAS DIVISION

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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	23	153 N	101 W	McKENZIE

Operator	Telephone #	Field
NANCE PETROLEUM CORPORATION	406-245-6248	BAKER

Address	City	State	Zip Code
P O BOX 7168	BILLINGS	MT	59103-7168

Name of First Purchaser	Telephone #	% Purchased	Date Effective
Tesoro Refining & Marketing Company	403-699-4059	100	April 1, 2004

Principal Place of Business	City	State	Zip Code
1225 17th St., Ste. 1800	Denver	CO	80202

Field Address	City	State	Zip Code
HC 56 Box 605 1A	Sidney	MT	59270

Name of Transporter	Telephone Numbe	% Transported	Date Effective
Tesoro Refining & Marketing Company (TR)	720-258-0611	100	April 1, 2004

Address	City	State	Zip Code
1225 17th St., Ste 1800	Denver	CO	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	Printed Name	Title
Amanda Rambur	Amanda Rambur	Marketing Representative

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Terry Holzwarth	Terry Holzwarth	VP - Acquisitions

FOR STATE USE ONLY

Date Approved	3/31/04
By	Annette Fritzger
Title	Oil + Gas Prod. Analyst

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.

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

11745

NANCE PETROLEUM CORPORATION
A Subsidiary of St. Mary Land & Exploration Co.

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

MAR 2004
RECEIVED
ND OIL & GAS
DIVISION

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

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

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

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 Cmt 2 stage, DV 8092'.
1st: 430 sk G+35% sf+10% salt, 2nd: 900 sk Lite+10% salt.

		TUBING & BHA	RODS & PUMP
		279 jt 2 7/8" L-80 tubing	1 1/2" x 30' polish rod (30')
		MSN w/ 1 1/4" x 20' diptube - 8773'	1" x 4' pony rod (4')
		6' perforated sub	92 - 1" Norris 97 rods (2300')
		1 jt 2 7/8" tubing	120 - 7/8" Norris 97 rods (3000')
		5 1/2" Basin TAC - 8810'	112 - 3/4" Norris 97 rods (2800')
8092'	DV TOOL	1 jt 2 7/8" tubing	22 - 1" scrprd Norris 90 (550')
		bull plug - EOT 8844'	2 - 1" Norris 97 (50')
	ORIGINAL		1" x 30" srprd pony
8392'	MAX ANGLE		**2 1/2" x 1 1/2" x 24' x 28' RHBM pump**
	16 DEG.		w/ 5' plngr, single valve

SALT	DEPTH
DUNHAM	6644-6712
PINE	7035-7100
CHARLES	8275-9004

5 1/2"	SET @
23# TC80HC	45
17# L-80	6624
23# TC80HC	6803
20# L-80	7013
23# TC80HC	7188
20# L-80	8251
23# TC80HC	9099
20# L-80	9702

WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.
TBG HD 7 1/16" 5000.

PUMP UNIT: LUFKIN MARK II - M912D-305-
W/DP-70 AJAX MOTOR
7 SPM & 192" SL

PERFS: **NESSON 9234-54' 4 SPF**

Spur#2: 11390-11690'

Spur#1: 9460-9530'

4 1/2" HOLE

4 1/2" open hole 9022-12800'

NESSON lateral leg 9120-9130' TVD

12800' TMD

Nesson top: 9350' MD

27°/100' BUILD RATE TO 90°
AZIMUTH 290°

3450' Nesson lateral
9350-12800'

TD:
12800' MD
90.8 deg
TVD 9120.68

PREPARED BY: GARY L EVERTZ DATE: 11/15/03
BASIC343H.XLS

Updated by: John Steele

2960'	9 5/8"	
3450'	TOP OF CMT	
4034'	ORIGINAL KICK-OFF PT.	
8773'	SN	
8810'	AC	
8844'	EOT	
8998'	BLS	
9022'	KOP	
9034'	PKR	
9234-54'	NESSON PERFS 12 DEG DEV.	
9346'	PINNED COLLAR	
9529'	PBTD	
9702'	5 1/2"	

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

PAGE: 1

SWAB OR FLOW REPORT

SUPERVISOR Les

FORM. Nesson

COMPANY: Nance Petroleum

WELL : Basic Game & Fish 34-3H

DATE: 11/26/02

PERFS. Open Hole from 9350 - 12800MD

TIME	PRESS.		CK	SWAB			TANK	GAUGE RDG'S		BBLS.	TOTAL	%		BBLS.		GAS	REMARKS
MST	TBG.	CSG.	64ths	FL	SD	RUNS	NO.	GAUGE	DIFF.	PER HR.	BBLS.	WTR	BS	OIL	WTR	Mcfd.	
7:00 AM																	
8:00 AM																	
9:00 AM																	
10:00 AM																	
11:00 AM																	
12:00 N																	
1:00 PM																	
2:00 PM																	
3:00 PM				1900			N Test	0' 0"									
4:00 PM				2350	3400'	2		0' 8"	0' 8"	13.38	13.38	100%		0.00	13.38		
5:00 PM				2600	3550	1		1' 6"	0' 10"	16.70	30.08	70%		5.01	11.69		
Totals						3				30.08				5.01	25.07		

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

PAGE: 2

SWAB OR FLOW REPORT

SUPERVISOR Les

FORM. Nesson

COMPANY: Nance Petroleum WELL : Basic Game & Fish 34-3H DATE: 11/27/02 PERFS. Open Hole from 9350 - 12800MD

TIME	PRESS.		CK	SWAB			TANK	GAUGE RDG'S		BBLS.	TOTAL	%		BBLS.		GAS	REMARKS
MST	TBG.	CSG.	64ths	FL	SD	RUNS	NO.	GAUGE	DIFF.	PER HR.	BBLS.	WTR	BS	OIL	WTR	Mcfd.	
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		
Totals						30				158.67		92%		12.99	145.68		

Swabbed 12.99 BO & 145.68 BLW = 158.67 BTF in 20 runs in 9 hrs. 4243 BLWTR.

PAGE 3

SWAB OR FLOW REPORT

SUPERVISOR Bid McMahen
FORM. Nesson
PERFS. Open Hole from 9350 - 12800MD

COMPANY: Nance Petroleum WELL : Basic Game & Fish 34-3H DATE: 12/02/02

TIME	PRESS.		CK	SWAB			TANK	GAUGE RDG'S		BBLS.	TOTAL	%		BBLS.		GAS	REMARKS
MST	TBG.	CSG.	64ths	FL	SD	RUNS	NO.	GAUGE	DIFF.	PER HR.	BBLS.	WTR	BS	OIL	WTR	Mcfd.	
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		
[illegible] AM	0	0		2600	3800	4		3' 7"	12"	20.04	78.49	88%		2.40	17.64		
12:00 N	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.

PAGE 4

SWAB OR FLOW REPORT

SUPERVISOBid McMahen
FORM. Nesson
PERFS. Open Hole from 9350 - 12800MD

COMPANY: Nance Petroleum WELL : Basic Game & Fish 34-3H DATE: 12/03/02

TIME	PRESS.		CK	SWAB			TANK	GAUGE RDG'S		BBLS.	TOTAL	%		BBLS.		GAS	REMARKS
MST	TBG.	CSG.	64ths	FL	SD	RUNS	NO.	GAUGE	DIFF.	PER HR.	BBLS.	WTR	BS	OIL	WTR	Mcfd.	
7:00 AM	340	0	64					3' 11"									TP @ 0 in 15 Min/CP Slight Blow
8:00 AM	0	0	2"	2250	3750	2	N Test	4' 4"	5"	8.35	8.35	0%		8.35	0.00		
9:00 AM				2800	3750	4		5' 4"	12"	20.04	28.39	78%		4.41	15.63		
10:00 AM				2100	3200	5		6' 5"	13"	21.71	50.10	73%		5.86	15.85		
1 J AM				3000	4100	5		7' 7"	14"	23.38	73.48	94%		1.40	21.98		
12:00 N				2800	3900	3		8' 4"	9"	15.03	88.51	82%		2.71	12.32		Chain on SL Drum Broke
1:00 PM				2800	3900	5		9' 7"	15"	25.05	113.56	75%		6.26	18.79		
2:00 PM				2800	3900	3		10' 7"	12"	20.04	133.60	73%		5.41	14.63		SW 9.6# gal on Mud Scale
3:00 PM				2800	3900	3		11' 3"	8"	13.36	146.96	73%		3.61	9.75		Chain on SL Drum Broke
4:00 PM				2800	3900	2		11' 8"	5"	8.35	155.31	75%		2.09	6.26		Replace Chain on SL Drum
4:30 PM	0	0		2800	3900	3		12' 4"	8"	13.36	168.67	75%		3.34	10.02		
Totals						35				168.67		74%		43.44	125.23		

Swabbed 43.44 BO & 125.23 BSW = 168.67 Total Bbls Fluid in 35 runs 9-1/2 hours. 3997 BLWTR.

PAGE 5

SWAB OR FLOW REPORT

SUPERVISOR: Sid McMahen
FORM: Nesson
PERFS: Open Hole from 9350 - 12800MD

COMPANY: Nance Petroleum WELL : Basic Game & Fish 34-3H DATE: 12/04/02

TIME	PRESS.		CK	SWAB			TANK	GAUGE RDG'S		BBLS.	TOTAL	%		BBLS.		GAS	REMARKS
MST	TBG.	CSG.	64ths	FL	SD	RUNS	NO.	GAUGE	DIFF.	PER HR.	BBLS.	WTR	BS	OIL	WTR	Mcfd.	
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
11:00 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 TBF in 9-1/2 hrs 41 runs 3870 BLTR

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11745

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.

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11745

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.

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

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 swsw 2-153-101	NDGS Well Number: 11745.0

Comments:	Samples Received: 9030	--	12800	DC
		--		
		--		
		--		
		--		

Received by:

Signature

Kert Holands

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

11745

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

Evie Roberson
Office Assistant

Enclosures

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

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.

- [ ] Notice of Intent — Approximate Start Date
- [x] Report of Work Done — Date Work Completed: **January 7, 2003**
- [ ] 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

- [ ] Drilling Prognosis
- [x] Redrilling or Repair
- [ ] Casing or Liner
- [ ] Plug Well
- [x] Supplemental History
- [ ] Temporarily Abandon
- [x] Other **Drilled lateral leg in Nesson**
- [ ] Spill Report
- [ ] Shooting
- [x] Acidizing
- [ ] Fracture Treatment
- [ ] Change Production Method
- [ ] Reclamation

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	Pool	County			
BAKER	**MADISON**	**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

MIRU 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.
MIRU 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 290.7°. 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.
MIRU 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 ¼" barrel pump plunger and rods. RDMO service rig 12/6/02. Set pumping unit, put well on production 12/12/02.
MIRU 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 ¾" pump and rods. RDMO service rig.
Returned well to production 1/10/03. 10-day avg 1/21/03: 222 bopd, 116 bwpd, 78 mcfd.

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

FOR STATE USE ONLY

- [x] Received
- [ ] Approved

Date: JAN 30 2003

By: Kelly Titl

Title: Horizontal Drilling Supervisor

NANCE PETROLEUM CORPORATION

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

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

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

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 Cmt 2 stage, DV 8092'.
1st: 430 sk G+35% sf+10% salt, 2nd: 900 sk Lite+10% salt.

2960'	9 5/8"		
3450'	TOP OF CMT		
4034'	ORIGINAL KICK-OFF PT.		
8022'	SN		
8061'	AC		
8092'	DV COLLAR		
8096'	EOT		
8392'	ORIGINAL MAX ANGLE 16 DEG.		
8998'	BLS		
9022'	KOP		
	4 1/2" open hole 9022-12800'		
9034'	PKR		
9234-54'	NESSON PERFS 12 DEG DEV.		
9346'	PINNED COLLAR		
9529'	PBTD		
9702'	5 1/2"		

TUBING & BHA

255 jt 2 7/8" L-80 tubing
MSN w/ 1 1/4" x 20' diptube - 8022'
6' perforated sub
1 jt 2 7/8" tubing
5 1/2" Basin TAC w/20M#T - 8061'
1 jt 2 7/8" tubing
bull plug - EOT 8096'

RODS & PUMP

1 1/2" x 30' polish rod (30')
1" x 4',6',8' pony rods (18')
92 - 1" Norris 97 rods (2300')
95 - 7/8" Norris 97 rods (2375')
106 - 3/4" Norris 97 rods (2650')
2 - 1" Norris 97 (50')
22 - 1" scrprd Norris 90 (550')
2 1/2" x 1 3/4" x 28' RHBM pump
w/ 5' plngr, single valve

SALT	DEPTH
DUNHAM	6644-6712
PINE	7035-7100
CHARLES	8275-9004

5 1/2"	SET @
23# TC80HC	45
17# L-80	6624
23# TC80HC	6803
20# L-80	7013
23# TC80HC	7188
20# L-80	8251
23# TC80HC	9099
20# L-80	9702

WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.
TBG HD 7 1/16" 5000.

PUMP UNIT: LUFKIN C456D-365-120
W/ E-42 AJAX MOTOR

PERFS: **NESSON 9234-54' 4 SPF**

Spur#2: 11390-11690'

Spur#1: 9460-9530'

4 1/2" HOLE

NESSON lateral leg 9120-9130' TVD
12800' TMD
Nesson top: 9350' MD

27°/100' BUILD RATE TO 90° 3450' Nesson lateral TD:
AZIMUTH 290° 9350-12800' 12800' MD
90.8 deg
TVD 9120.68

PREPARED BY: GARY L EVERTZ DATE: 01/10/03
BASIC343H.XLS

Updated by: John Steele

DIRICTIONAL 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)

JAN 2003 RECEIVED ND OIL & GAS DIVISION

Well File No. **11745**

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

Desig ate Type of Completion ☑ Oil Well ☐ Gas Well ☐ Recompletion ☐ SWD Well ☐ EOR Well ☐ Deepened Well ☐ Water Supply Well ☐ Other:			Well Name and Number **Basic Game & Fish 34-3** Spacing Unit Description
Oper tor **Nan e Petroleum Corporation**	Telephone Number **(406) 245-6248**		Field **Baker Field**
Addre s **PO I ox 7168**			Pool **Madison**
City **Billi gs**	State **MT**	Zip Code **59103**	Permit Type ☐ Wildcat ☐ Development ☐ Extension

LOC ATION OF WELL

At Su face	Qtr-Qtr	Section	Township	Range	County
392 F **S** L **494** F **W** L	**sw sw**	**2**	**153 N**	**101 W**	**McKenzie**
At To Producing Interval, Reported Below F L F L	Qtr-Qtr	Section	Township **N**	Range **W**	Number of DSTs Run (See Back) **none (this drlg)**
At To al Depth **1974** F **S** L **1436** F **W** L	Qtr-Qtr **ne sw**	Section **3**	Township **153 N**	Range **101 W**	Directional Survey Run? ☐ No ☑ Yes

Spud Date	Date TD Reached	Drilling Contractor and Rig Number	KB Elevation	Total Depth (Feet)
cut window 11/5/02	**November 21, 2002**	**J & R Well Service Rig # 7**	**1872**	**12800** MD **9120** TVD

Produ ing Interval(s), This Completion, Top, Bottom, Name (MD and TVD)	Plug Back TD (Feet) (See Back)
Nes on lateral: 9350' to 12800' MD, 9120-9135' TVD	**12800** MD **9120** TVD

Type f Electric and Other Logs Run (See Instructions)	Was Well Cored? ☑ No ☐ Yes
non this time	List Intervals:

CASING RECORD (Report all strings set in well)

Cas g 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

TUBING RECORD

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
90 2-12800 open hole		**no perfs**		
N sson: 9350-12800				

PRC DUCTION

Date f First Production Through Permanent Wellh ad	Producing Method (Flowing, Gas Lift, Pumping - Size & Type of Pump)	Well Status (Producing or Shut-In)
December 12, 2002	**Pumping**	**Producing**

Date f Test	Hours Tested	Choke Size	Production for Test	Oil (Bbls)	Gas (MCF)	Water (Bbls)	Oil Gravity - API (Corr.)
Jan ary 21, 2003	**240**			**2220**	**780**	**1160**	**35.0 °**

Flowi g Tubing Pressure (PSI)	Casing Pressure (PSI)	Calculated 24-Hour Rate	Oil (Bbls)	Gas (MCF)	Water (Bbls)	Gas-Oil Ratio
			222	**78**	**116**	**351**

Test Witnessed By	Oil Purchaser	Oil Transporter	Disposition of Gas
Dan s Production	**Tesoro**	**Diamond B Trucking**	**Bear Paw**

orig.

GEOLOGICAL MARKERS

Formation	MD (Feet)	TVD (Feet)

PLUG BACK INFORMATION

Type of Plug	Interval/Depth	Sacks Cement

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

No DSTs 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.

Signature	Printed Name	Title	Date
	John Steele	**Operations Engineer**	

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
	Loren Prigan	**Production Assistant**

11745 TH

NOV 2002
RECEIVED
OIL & GAS
DIVISION

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' FEL 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

SUNBURST CONSULTING
A GEOLOGY SERVICE

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 refrred 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 the 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 backgound 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' (or1.8%) 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

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WELL DATA SUMMARY

OPERATOR:	**Nance Petroleum Corporation**
ADDRESS:	P.O. Box 7168, 550 N. 31st. St., Ste. #500 Billings, Montana 59101 (406) 245-6248
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, Acceleate 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

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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:	**Later** 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 Saftey 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 1202 East 33rd. St., Ste. 100 Tulsa, OK 74105 (918) 743-5096 fax (918) 712-8924 Robert M. Zinke, Richard D. Siegal	3	3
Hunt Petroleum Corporation One Riverway, Ste. 700 Houston, TX 77056 (713) 871-3472 fax (713) 880-8945 Jon Norman	1	2
J. Hiram Moore, LTD. P.O. Box 910196 Dallas, TX 75391-0196 (915) 682-1681 fax (915) 682-0439 Richard L. Moore	1	1
Baytide Petroleum, Inc. 415 S. Boston, Ste. 500 Tulsa, OK 74103 (918) 585-8150 fax (918) 585-9813 Michael J. Murphy	1	2
Zavanna LLC. 1600 Stout Street, Ste. 560 Denver, CO 80202 (303) 595-8004 fax (303) 595-9847 Bill Coleman, Steve Swanson	2	2
Bureau of Land Management North Dakota Field Office 2933 Third Ave. West Dickinson, N.D. 58601-2619 (701) 225-9148 fax (701) 227-8510	1	2

	Reports:	Final logs:
North Dakota Industrial Commission Oil & Gas Division 600 East Boulevard Ave. Bismarck, N.D. 58505 (701) 328-8020 fax (701) 328-8022	2	1&digital

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ND

NORTH DAKOTA - SUPPLEMENTAL PLAT

ND

Applicant NANCE PETROLEUM
Well 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.

PRELIMINARY

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

ND

DATE OF PLAT: 09/05/2002	AmeriTech Engineering Corporation WILLISTON ND BELFIELD ND
JOB NO. 02-212 DRWG. NO. 1 OF 1	CERTIFICATE OF AUTHORIZATION # C-171

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

LEO J. HORGAN REGISTERED LAND SURVEYOR 2883 NORTH DAKOTA

Date: 9-4-81

Leo J. Horgan

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

*= found on earlier survey

Scale: 1"=1000

APPROVED:

David A. Sprynczynatyk
State Engineer
SWC Water Permit No. 4810

Powers Elevation, Inc. of Denver, Colorado has in accordance with a request from Bill Dolan 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

LEO J. HORGAN
REGISTERED LAND SURVEYOR 2883
NORTH DAKOTA

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

Date: 5-14-87

Leo J. Horgan

Licensed Land Surveyor No. 2883
State of North Dakota

TIME VS DEPTH

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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 fai	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, dri	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 dril	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

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DAILY DRILLING CHRONOLOGY

Basic Game & Fish 34-3H

DAYS	DATE 2002	6:00 A.M. FOOTAGE (feet)	24 HR FOOTAGE (feet)	ACTIVITY
1	11/1	9702	-	Move in J&R Well Service Rig #7
2	11/2	9702	-	Rig up swivel, test BOPs, drill 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 4.316 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 geolograph 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), ciruclate & wait on orders 9530'MD, swivel out 2 joints to sidetrack, trough hole 9440-50, 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)

SUNBURST CONSULTING
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DAYS	DATE 2002	6:00 A.M. FOOTAGE (feet)	24 HR FOOTAGE (feet)	ACTIVITY
12	11/12	10815	527	Drill (rotate); drill (orient); survey; drill (rotate); pump sweep & circulate botoms 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 & chack 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	Drill (rotate); drill (orient); drill (rotate); TD @ 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 11/9/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
10:00 AM	9250				3' 6-1/2"					
11:00 AM	9260				3' 6-1/2"					
12:00 N	9285				3' 6-1/2"					
1:00 PM	9295				3' 6-1/2"					
2:00 PM	9305				3' 6"					
3:00 PM	9317				3' 6"					
4:00 PM	9334				3' 6"					
5:00 PM	9344				3' 6"					
6:00 PM	9360				3' 6"					
7:00 PM	9386				3' 6"					
8:00 PM	9402				3' 6"					
9:00 PM	9440				3' 6-1/2"					Pump HEC Sweep
10:00 PM	9475				4' 0-1/2"	0' 6"	25		25	Trip
11:00 PM	9475				4' 0-1/2"					Trip
12:00 M	9475				4' 0-1/2"					Trip
1:00 AM	9475				3' 6"		27		27	Pumped MT to pill tank
2:00 AM	9475				3' 6"					Trip
3:00 AM	9475				3' 6"					Trip
4:00 AM	9475				3' 6"					Trip
5:00 AM	9475				3' 6"					Trip
6:00 AM	9475				3' 6"					Trip
7:00 AM	9475				3' 6"					Trip -
										Hole loss f/ day = 0

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/10/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	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 N	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	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	Cut trough f/ side track 3!
5:00 PM	9450				3' 3"					Cut trough f/ side track 3!
6:00 PM	9460				3' 2-1/2"	0' 0-1/2"		2.1	14.7	Time drill f/ side track #1
7:00 PM	9461				3' 1"	1-1/12"		6.3	21	Time drill f/ side track #1
8:00 PM	9462				3' 0"	0' 1"		4.2	25.2	Time drill f/ side track #1
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' 9"					Transf 36 BFW f/ Rtl 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	Time drill f/ side track #1
2:00 AM	9470				3' 5-1/2"	0' 1-1/2"		6.3	35.7	Time drill f/ side track #1
3:00 AM	*9477*	*189*			*3' 5"*	*0' 0-1/2"*		*2.1*	*37.8*	*Drill, rotate, & orient.*
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

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	9590	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	9787	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	9855	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 fld loss = 409.2 BFW

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/12/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	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 jt (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		19	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	664.6	
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 f/ Rtl 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	156		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' 5"	0' 5"		21	983.8	
TOTALS				184				193.4		Hole loss f/ day = 193.4 bbls
										Total fld loss = 983.8 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/14/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	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 f/ Rtl 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	1047.6	
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 f/ Rtl 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	160		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 f/ Rtl Tk to MT
TOTALS				271				286.4		Hole loss f/ day = 286.4 bbls
										Total fld loss = 1270.2 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/14/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	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	116		12	2' 3"	0' 3"		12.4	1370.6	
2:00 PM	11392	187		14	3' 6-1/2"	0' 3-1/2"		14.5	1385.1	Transf 68 BFW f/ Rtl Tk to MT
3:00 PM	11423	168		19	3' 2"	0' 4-1/2"		18.9	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/ Rtl 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' 5"		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	1526.04	
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/ Rtl 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/ Rtl Tk to MT
6:00 AM	11649	155		24	2' 11"	0' 6"		25.32	1669.08	Transf 38 BFW f/ Rtl 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

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	11661	145			2' 10"				1681.68	
8:00 AM	11672	134		11	2' 8"	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	1757.28	Pull 9 jts f/ ST #2
1:00 PM	11390	129		25	2' 5"	0' 6"		25.2	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	1855.98	
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 fld loss = 2094.18 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	11436	198			3' 9-1/2"				2094.18	
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 N	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	11553	123		14	2' 4"	0' 3"		12.6	2214.18	
4:00 PM	11583	104		19	1' 11"	0' 5"		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' 6"				2289.78	Fill MT after cleaning.
11:00 PM	11785	171		18	3' 1"	0' 4"		16.8	2306.58	
12:00 M	11816	150		21	2' 8"	0' 4"		16.8	2323.38	
1:00 AM	11849	116		34	2' 0"	0' 8"		33.6	2356.98	
2:00 AM	11878	190		19	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	2453.66	Transf 87 BFW f/ Rtl Tk to MT
6:00 AM	11956	175		17	3' 4"	0' 5"		21	2474.66	
7:00 AM	11980	149		26	2' 10"	0' 6"		25.3	2499.98	
TOTALS				410				405.8		Hole loss f/ day = 405.8 bbls
										Total fld 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	11980	149			2' 10"				2499.98	
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/ Rtl 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 35 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 fld loss = 2567.18 bbls

WELL - BASIC GAME & FISH 34-3H

GAIN - LOSS REPORT

DATE - 11/18/2002

TIME	DEPTH	PASON PVT	GAIN (+)	LOSS (-)	MUD TANK	DIFF (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	12040	198			4' 0"				2567.18	
8:00 AM	12040	198			4' 0"			256.27	2823.45	Lost on trip.
9:00 AM	12040	177		21	3' 6"	0' 6"		25.3	2848.75	
10:00 AM	12056	140		37	2' 9"	0' 9"		37.8	2886.55	
11:00 AM	12071	104		34	2' 1"	0' 8"		33.6	2920.15	Pump 30 bbl HEC sweep
12:00 N	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	2949.55	
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"		12.6	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	3193.35	
2:00 AM	12261	154		16	2' 7"	0' 4"		16.8	3210.15	
3:00 AM	12265	130		24	2' 1"	0' 6"		25.3	3235.45	
4:00 AM	12268	182		21	3' 2"	0' 5"		21	3256.45	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"		12.6	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 fld 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 (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	12295	146			2' 5"				3294.25	Pump 20 bbl HEC sweep
8:00 AM	12313	194		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	157		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	185		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"		16.8	3462.45	
4:00 PM	12450	194		21	4' 1"	0' 5"		21	3483.45	Transf 39 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	3567.45	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	12516	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	3726.75	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 (+/-)	BBLGAIN (+)	BBL LOSS (-)	TOTAL BBL	COMMENTS
7:00 AM	12648	144			3' 0"				3760.35	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	3865.35	
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	165		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 Petroleum Corporation
Basic Game & Fish 34-3H

392' FSL, 494' FWL
SW SW Section 2
T 153 N, R 101 W
McKenzie Co., N.D.

BHL @ TD Lateral #1
237.55 N & 1,359.06' W
of surface location.
Approximately 630' FSL,
894' FEL, SE SE Sec. 3

Plotted to projection at
Total Depth in Lateral #1
Measured depth 9,530'
True Vertical Depth 9,125.48'
Vertical Section 1,397.6'

BHL @ TD Sidetrack #1
970.22 N & 3,406.95' W
of surface location.
Approximately 1,362' FSL,
2,371' FWL, NE SW Sec. 3

Plotted to projection at
Total Depth Sidetrack #1
Measured depth 11,680'
True Vertical Depth 9,116.43'
Vertical Section 3,542.0'

BHL @ TD Sidetrack #2
1,582.72 N & 4,338.8' W
of surface location.
Approximately 1,975' FSL,
1,439' FWL, NE SW Sec. 3

Plotted to projection
at Total Depth Sidetrack #2
Measured depth 12,800'
True Vertical Depth 9,126.88'
Vertical Section 4,610.69'

W
Nance Basic Game & Fish 34-3H
E
8900
8910
8920
8930
8940
8950
8960
8970
8980
8990
9000
9010
9020
9030
9040
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9110
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9130
9140
9150
9160
9170
9180
9190
9200
TVD
4500
4250
4000
3750
3500
3250
3000
2750
2500
2250
2000
1750
1500
1250
1000
Vertical Section
Lateral#1
Sidetrack#1
Sidetrack#2

Nance Basic Game & Fish 34-3H

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
DISTRICT : ROCKY MOUNTAIN
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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]	DIR'N [QUADRANT]	HTF [DEG]	GTF [AZM]	GTF [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 DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET		DOGLEG SEVERITY DG/100FT
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 DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET		DOGLEG SEVERITY DG/100FT
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 HUGHES Baker Oil Tools

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

Whipstock Face set 290 AZ

BAKER HUGHES INTEQ

Company:	NANCE PETROLEUM	Job Number:	382010
Field:	McKinzie Co.	Magnetic Decl.:	10.20
Cty/Blk/Par:	McKinzie Co.	Grid Corr.:	
Well Name:	Basic Fish & Game	Total Survey Corr.:	10.20
Rig:	J & R #7	Target Info:	9124 TVD 1181'N 3921'W @ 90degrees

Calculation Method: Minimum Curvature
Proposed Azimuth: 286.8
Depth Reference: RKB
Tie Into: GYRO SURVEY

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	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														

BAKER HUGHES INTEQ

Company:	NANCE PETROLEUM	Job Number:	382010
Field:	McKinzie Co.	Magnetic Decl.:	10.20
Cty/Blk/Par:	McKinzie Co.	Grid Corr.:	
Well Name:	Basic Fish & Game	Total Survey Corr.:	10.20
Rig:	J & R #7	Target Info:	9124 TVD 1181'N 3921'W @ 90degrees

Calculation Method: Minimum Curvature
Proposed Azimuth: 286.8
Depth Reference: RKB
Tie Into: GYRO SURVEY

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	

BAKER HUGHES INTEQ

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

Job Number: 362010
Magnetic Decl.: 10.20
Grid Corr.:
Total Survey Corr.: 10.20
Target Info: 9124 TVD 1181'N 3921'W @ 90degrees

Calculation Method: Minimum Curvature
Proposed Azimuth: 286.8
Depth Reference: RKB
Tie Into: GYRO SURVEY

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
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	2258.07	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	

BAKER HUGHES INTEQ

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

Job Number: 362010
Magnetic Decl.: 10.20
Grid Corr.:
Total Survey Corr.: 10.20
Target Info: 9124 TVD 1181'N 3921'W @ 90degrees

Calculation Method: Minimum Curvature
Proposed Azimuth: 286.8
Depth Reference: RKB
Tie Into: GYRO SURVEY

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	

BAKER HUGHES INTEQ

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

Job Number: 382010
Magnetic Decl.: 10.20
Grid Corr.:
Total Survey Corr.: 10.20
Target Info: 9124 TVD 1181'N 3921'W @ 90degrees

Calculation Method: Minimum Curvature
Proposed Azimuth: 286.8
Depth Reference: RKB
Tie Into: GYRO SURVEY

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
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
85	MWD														pull 9-jts for sidetrack
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															

BAKER HUGHES INTEQ

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

Job Number: 382010
Magnetic Decl.: 10.20
Grid Corr.:
Total Survey Corr.: 10.20
Target Info: SIDETRACK # 2

Calculation Method: Minimum Curvature
Proposed Azimuth: 286.8
Depth Reference: RKB
Tie Into: GYRO SURVEY

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
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 # 6
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	

BAKER HUGHES INTEQ

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

Job Number: 382010
Magnetic Decl.: 10.20
Grid Corr.:
Total Survey Corr.: 10.20
Target Info: SIDETRACK # 2

Calculation Method: Minimum Curvature
Proposed Azimuth: 286.8
Depth Reference: RKB
Tie Into: GYRO SURVEY

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
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	Projected @ Bit
119	MWD														@ T.D.
120	MWD														

BIT RECORD

OPERATOR:	Nance Petroleum Corporation	WELL NAME:	Basic Game & Fish 34-3H	RE-ENTRY DATE:	11/02/02
CONTRACTOR:	J & R Well Service Rig #7	LOCATION:	SW SW Section 2, T153N, R101W		
GROUND LEVEL:	GL: 1,850'	KELLY BUSHING:	KB: 1,863'	TD DEPTH/DATE:	12,800', 11/20/02

#	Size	Make	Type	Serial #	Jets	Depth In	Depth Out	FTG	Hours	Accum Hours	Weight Lbs.	SPM	Vert. Dev.	Pump Press.	Mud Wt	Mud Vis
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

SUNBURST CONSULTING, INC.
GEOLOGY SERVICES

FORMATION TOPS (original well)

Well Name:	Basic Earth Science Systems, Inc.				John L. Cox		
Location:	Basic Game & Fish 34-3				French Pinney 24-3		
	sw sw Sec.2				se sw Sec. 3		
Elevation:	KB: 1872'				KB: 1871'		
FORMATION / ZONE	***E-LOG***	***TVD***	***DATUM***	***THICK***	***E-Log***	***DATUM***	***THICK***
Greenhorn	4,354'	4,351'	-2,479'	208'	4346	-2475	204
Belle Forche	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'
Lodegpole	-		-	-	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	-

SUNBURST CONSULTING
A GEOLOGY SERVICE

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

SUNBURST CONSULTING
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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'	Dolomite:	light gray, very fine crystalline, anhydritic, moderately hard, mineral fluorescence, no cut, no visible porosity with cement
9050' - 9060'	Anhydrite:	off white, light gray, very fine crystalline, dolomitic, moderately hard to soft
9060' - 9070'	Dolomite:	light gray brown, light brown, very fine crystalline, anhydritic, moderately hard, mineral fluorescence, no cut, no visible porosity [60%]
	Anhydrite:	off white, light gray, as above [40%]

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

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

9110' - 9120'	Limestone:	light to medium brown, tan, very fine crystalline, trace peloidal, occasional spotty black oil stain, anhydritic in part, dull green fluorescence, slow streaming cut in part, poor to very poor intercrystalline & interparticle porosity, surface oil from mud
9120' - 9140'	Limestone:	light to rare medium brown, tan, as above, with surface oil from mud, very fine cuttings size
9140' - 9150'	Limestone:	light brown, tan, very fine crystalline, decreasing visible stain & porosity from above, occasional dull green fluorescence, trace weak cut, trace very poor intercrystalline porosity [70%]
	Anhydrite:	off white, very fine crystalline, calcareous, occasionally mottled with limestone [30%]
9150' - 9160'	Limestone:	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'	Limestone:	light to occasional medium brown, as above, surface oil from mud
9170' - 9190'	Limestone:	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'	Limestone:	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

9220' - 9230'	Limestone:	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'	Limestone:	light to medium gray, light to medium gray brown, as above, very small cuttings size
9240' - 9270'	Limestone:	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'	Limestone:	light to medium gray, light gray brown, as above, slightly argillaceous, occasional anhydritic, normal cuttings size
9280' -9290'	Limestone:	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'	Limestone:	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'	Limestone:	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'	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

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

Begin 30' lagged samples

9450' - 9480'	Limestone:	tan, cream, very fine crystalline, fine fragmental & occasional peloidal, moderately hard, yellow fluorescence, streaming cut, very poor interparticle porosity, decreasing anhydrite
9480' - 9510'	Limestone:	tan, cream, very fine crystalline, fragmental & peloidal texture, yellow fluorescence, yellow fluorescence, streaming cut, very poor interparticle & small pin point vuggy porosity, surface oil from mud
9510' - 9530'	Limestone:	light brown, tan, very fine to occasional microcrystalline, moderately hard, yellow fluorescence, streaming cut, no visible open porosity, surface oil from mud, becoming slightly argillaceous, trace stylolites
9530 + circulation	Limestone:	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'	Limestone:	tan, cream, very fine crystalline, moderately hard, commonly fragmental, locally peloidal, minor white to clear anhydrite, patchy yellow fluorescence, streaming cut, visible interparticle porosity
9470' - 9480'	Limestone:	tan, cream, very fine crystalline, moderately hard, fragmental, yellow fluorescence in part, slow streaming cut in part, very poor interparticle & small pin point vuggy porosity, trace clear to white anhydrite
9480' - 9490'	Limestone:	tan, cream, very fine crystalline, decreasing fragmental from above, increased anhydritic, yellow fluorescence in part, weak cut, trace very poor interparticle porosity and small pin point vugs, small cuttings size
9490' - 9500'	Limestone:	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'	Limestone:	tan, cream, very fine crystalline, fragmental & occasional peloidal, as above, small cuttings size
9560' - 9590'	Limestone:	tan, occasional cream, very fine crystalline, increased fragmental & peloidal, spotty black oil stain in vugs, yellow fluorescence in part, slow streaming cut, very poor intercrystalline & small pin point vuggy porosity
9590' - 9620'	Limestone:	tan, occasional cream, very fine crystalline, fragmental & occasional peloidal, spotty black oil in vugs, yellow fluorescence in part, slow streaming cut in part, 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'	Limestone:	tan to cream, very fine crystalline, moderately hard, locally fragmental, minor peloidal, minor white to clear anhydrite, patchy yellow fluorescence, minor visible porosity, slow weak streaming cut
9920' - 9950'	Limestone:	tan, very fine crystalline, moderately hard, locally fragmental, minor peloidal, common white to clear anhydrite, weak porosity, patchy yellow fluorescence, slow weak streaming cut
9950' - 9980'	Limestone:	tan, very fine crystalline, moderately hard, commonly fragmental, locally peloidal, common white to clear anhydrite, minor visible porosity, patchy yellow fluorescence, slow streaming cut, spotty oil stained vugs
99809' - 10010'	Limestone:	tan, very fine crystalline, moderately hard, locally fragmental, minor peloidal, common white to clear anhydrite, poor porosity, patchy yellow fluorescence, slow streaming cut
10010' - 10040'	Limestone;	tan to cream, very fine crystalline, moderately hard, locally fragmental, local minor peloidal, local white to clear anhydrite, minor poor porosity , patchy yellow fluorescence, very slow streaming cut
10040' - 10070'	Limestone:	tan to cream, very fine crystalline, moderately hard, commonly fragmental, locally minor peloidal, moderate white to clear anhydrite, poor porosity, patchy yellow fluorescence, slow streaming cut
10070' - 10100'	Limestone:	predominantly tan, very fine crystalline, moderately hard, fragmental, local minor peloidal, moderate white to clear anhydrite, poor porosity, patchy yellow fluorescence, streaming cut, oil in mud
10100' - 10130'	Limestone:	tan to cream, very fine crystalline, moderately hard, locally fragmental, local minor peloidal, moderate white to clear anhydrite, poor porosity, patchy yellow fluorescence, streaming cut

10130' - 10160'	Limestone:	tan, cream, very fine crystalline, moderately hard, spotty black oil stain in vugs, occasional white to clear anhydrite/calcite, yellow fluorescence in part, streaming cut, very poor interparticle & small pin point vuggy porosity, surface oil from mud
10160' - 10250'	Limestone:	tan, cream, very fine crystalline, as above, increased surface oil from mud, with occasional white to clear anhydrite/calcite
10250' - 10280'	Limestone:	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil in vugs, as above
10280' - 10400'	Limestone:	tan, cream, very fine crystalline, fragmental, white to clear anhydrite/calcite, moderately hard, occasional spotty black oil stain in vugs, yellow fluorescence in part, weak to slow streaming cut, very poor intercrystalline porosity & small pin point vugs
10400' - 10490'	Limestone:	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'	Limestone:	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, weak streaming cut
10520' - 10550'	Limestone:	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, weak streaming cut
10550' - 10580'	Limestone:	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, streaming cut

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

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' - 11240'	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')

11240' - 11300'	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
11300' - 11360'	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
11390' - 11420'	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
11420' - 11450'	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'	Limestone:	tan to cream, very fine crystalline, commonly fragmental, minor peloidal, very minor crystalline calcite, poor porosity, weak yellow fluorescence, streaming cut, oil stained vugs, surface oil from mud
11480' - 11510'	Limestone:	tan to cream, very fine crystalline, moderately hard, commonly fragmental, minor peloidal, local weak pyrite, poor porosity, weak yellow fluorescence, streaming cut, oil stained vugs, surface oil from mud
11510' - 11540'	Limestone:	tan to cream, very fine crystalline, moderately hard, commonly fragmental, minor peloidal, poor porosity, weak yellow fluorescence, streaming cut, oil stained vugs, strong surface oil from mud
11540' - 11570'	Limestone:	tan to cream, very fine crystalline, moderately hard, commonly fragmental, minor peloidal, poor porosity, weak yellow fluorescence, streaming cut, strong surface oil from mud
11570' - 11600'	Limestone:	tan to cream, moderately hard, very fine crystalline, commonly fragmental, minor peloidal, poor porosity, weak yellow fluorescence, streaming cut, oil stained vugs, strong surface oil from mud

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

11600' 11660'	Limestone:	tan, cream, very fine crystalline, fragmental, occasional peloidal, moderately hard, spotty black oil stain in vugs, yellow fluorescence, streaming cut, very poor interparticle & small pin point vuggy porosity, surface oil from mud
11660' - 11680'	Limestone:	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, 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'	Limestone:	tan, cream, very fine crystalline, fragmental, moderately hard, black oil stain in vugs, yellow fluorescence, streaming cut, very poor interparticle & pin point vuggy porosity, surface oil from mud
11450' - 11510'	Limestone:	tan, cream, light brown, very fine to fine crystalline, soft to moderately hard, yellow fluorescence, fast streaming cut, very poor to poor interparticle porosity, abundant surface oil from mud, very poor sample (small size & oil emulsion)
11510' - 11540'	Limestone:	tan, very fine crystalline, fragmental, occasional peloidal, black to brown oil stain in vugs, moderately hard, yellow fluorescence in part, weak streaming cut, very poor interparticle & small pin point vuggy porosity, surface oil from mud
11540' - 11570'	Limestone:	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, weakly streaming cut
11570' - 11600'	Limestone:	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, streaming cut, surface oil from mud
11600' - 11630'	Limestone:	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, local fragmental, minor peloidal, poor porosity, patchy fluorescence, weakly streaming cut, surface oil from mud
11630' - 11660'	Limestone:	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, common fragmental, common peloidal, poor porosity, patchy fluorescence, streaming cut, surface oil from mud
11660' - 11690'	Limestone:	tan to cream, very fine crystalline, moderately hard, local crystalline calcite, minor anhydrite, common fragmental, locally peloidal, poor porosity, patchy fluorescence, streaming cut, 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'	Limestone:	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil stain in vugs, yellow fluorescence in part, slow streaming cut in part, very poor interparticle & small pin point vuggy porosity, increased surface oil from mud
11990' - 12020'	Limestone:	tan, cream, very fine crystalline, fragmental, occasional peloidal, spotty black oil stain in vugs, yellow fluorescence in part, moderately streaming cut in part, very poor interparticle & small pin point vuggy porosity, occasional white to clear anhydrite/calcite
12020' - 12040'	Limestone:	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, slow streaming cut in part, 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'	Limestone:	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, slow streaming cut in part, very poor interparticle porosity, white to clear anhydrite/calcite crystals in part
12080' - 12140'	Limestone:	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, slow streaming cut in part, very poor interparticle porosity, white to clear anhydrite/calcite crystals in part
12140' - 12170'	Limestone:	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, slow streaming cut

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

12170' - 12200'	Limestone:	tan, cream, very fine crystalline, moderately hard, fragmental, strong yellow fluorescence, strong black oil throughout

12200' - 12230'	Limestone:	tan, cream, very fine crystalline, moderately hard, local crystalline calcite, fragmental, very poor interparticle, porosity, strong yellow fluorescence, moderate to strong black oil throughout, streaming cut, traces Limestone: medium to dark gray, very fine crystalline, moderately argillaceous, no fluorescence, no cut, no porosity
12230' - 12260'	Limestone:	tan, cream, very fine crystalline, moderately hard, fragmental, crystalline calcite, poor porosity, strong yellow fluorescence, strong black oil throughout
12260' - 12290'	Limestone:	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'	Limestone:	tan, cream, very fine crystalline, as above
	Limestone:	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'	Limestone:	tan, cream, very fine crystalline, fragmental, spotty black oil stain in vugs, yellow fluorescence in part, streaming cut, very poor interparticle porosity & small pin point vugs, white to clear calcite/anhydrite crystals, surface oil from mud
	Limestone:	medium to dark gray, medium gray brown, very fine crystalline, moderately to slightly argillaceous, moderately hard to soft, no porosity, no cut
12350' - 12410'	Limestone:	tan, cream, very fine crystalline, fragmental, moderately hard, spotty black oil stain in vugs, yellow fluorescence in part, streaming cut, very poor interparticle porosity, abundant surface oil from mud, white to clear calcite/anhydrite crystals
12410' - 12440'	Limestone:	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, streaming cut, abundant surface oil from mud

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

TH

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)

NOV 2002

Well File No.
11745

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

- [x] Notice of Intent — Approximate Start Date: **In Progress**
- [ ] Report of Work Done — Date Work Completed:
- [ ] 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:

- [ ] Drilling Prognosis
- [ ] Spill Report
- [ ] Redrilling or Repair
- [ ] Shooting
- [ ] Casing or Liner
- [ ] Acidizing
- [ ] Plug Well
- [ ] Fracture Treatment
- [ ] Supplemental History
- [ ] Change Production Method
- [ ] Temporarily Abandon
- [ ] Reclamation
- [x] Other **REVISED END POINT**

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	Pool	County
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): **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	Telephone Number
NANCE PETROLEUM CORPORATION	(406)245-6248

Address: **P. O. BOX 7168**

City	State	Zip Code
BILLINGS	MT	59103-7168

Signature	Printed Name
Gary L Evertz	Gary L Evertz

Title	Date
VP Operations	November 19, 2002

FOR STATE USE ONLY

- [ ] Received
- [x] Approved

Date: NOV 25 2002

By: Kelly Tate

Title: Horizontal Drilling Supervisor

NANCE PETROLEUM CORPORATION
A Subsidiary of
St. Mary Land & Exploration Co.

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

11745
11

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

November 6, 2002

NOV 2002
RECEIVED
ND OIL & GAS
DIVISION

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. Belden

William M. Belden
Operations Engineer

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**

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- [ ] Report of Work Done — Date Work Completed
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- [ ] Drilling Prognosis
- [ ] Redrilling or Repair
- [ ] Casing or Liner
- [ ] Plug Well
- [ ] Supplemental History
- [ ] Temporarily Abandon
- [x] Other **REVISED DIRECTIONAL PLAN**
- [ ] Spill Report
- [ ] Shooting
- [ ] Acidizing
- [ ] Fracture Treatment
- [ ] Change Production Method
- [ ] Reclamation

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	Pool	County			
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)			
BAKER HUGHES INTEQ			
Address	City	State	Zip Code
7424 W. 6 WN Rd.	Casper	WY	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*.

Company		Telephone Number
NANCE PETROLEUM CORPORATION		**(406)245-6248**
Address		
P. O. BOX 7168		
City	State	Zip Code
BILLINGS	**MT**	**59103-7168**
Signature: William M. Belden	Printed Name: **William M. Belden**	
Title: **Operations Engineer**	Date: **November 6, 2002**	

FOR STATE USE ONLY

- [ ] Received
- [x] Approved

Date: NOV 12 2002

By: Kelly

Title: Horizontal Drilling Supervisor

NANCE PETROLEUM CORPORATION

Location:	NORTH DAKOTA	Slot:	Slot #1 34-3H
Field:	MCKENZIE COUNTY	Well:	BASIC GAME & FISH 34-3H
Installation:	SEC.2-T153N-R101W		

Created by : Planner
Date plotted : 5-Nov-2002
Plot reference is BASIC GAME & FISH 34-3H (PWB) rev 0 survey*.
Ref wellpath is BASIC GAME & FISH 34-3H (PWP#1)
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% (1σ) 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

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

BAKER HUGHES
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	1204129.1115	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

Comments

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

BAKER HUGHES
INTEQ

Wellpath Report

MD[ft]	Inc[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	247.70	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	36.68W	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

BAKER HUGHES
INTEQ

Wellpath Report

MD[ft]	Inc[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	534.46W	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	1196.88W	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

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)

SEP 2002
RECEIVED
ND OIL & GAS
DIVISION

Well File No.
11745

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

- [x] Notice of Intent — Approximate Start Date
- [ ] Report of Work Done — Date Work Completed
- [ ] 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

- [ ] Drilling Prognosis
- [ ] Redrilling or Repair
- [ ] Casing or Liner
- [ ] Plug Well
- [ ] Supplemental History
- [ ] Temporarily Abandon
- [x] Other **Drill Horizontal Lateral**
- [ ] Spill Report
- [ ] Shooting
- [x] Acidizing
- [ ] Fracture Treatment
- [ ] Change Production Method
- [ ] Reclamation

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	Pool	County			
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		Telephone Number
NANCE PETROLEUM CORPORATION		**(406)245-6248**
Address		
P. O. BOX 7168		
City	State	Zip Code
BILLINGS	**MT**	**59103-7168**
Signature	Printed Name	
	GARY L. EVERTZ	
Title	Date	
VICE PRESIDENT - OPERATIONS	**August 26, 2002**	

FOR STATE USE ONLY

- [ ] Received
- [x] Approved

Date SEP 16 2002

By

Title Horizontal Drilling Supervisor

Exhibit 3

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

LEO J. HORGAN REGISTERED LAND SURVEYOR 2883 NORTH DAKOTA

Date: 9-4-81

Leo J. Horgan

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 ½" 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 ½" casing @ 9015'±, build angle and drill a 4 ½" 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 ½" 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 ½" 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 ½" 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± 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'±. 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
LOCATION:	SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL		
	BH @ TD:SESE SEC 3 153N 101V 543' FSL &655' FEL	STATUS:	PUMPING OIL WELL
ELEVATION:	GL - 1650' KB - 1672'	ST FILE NO: 11745	
ACCTG NO.	60102	API# 33-053-02102	
SPUD DATE:	10/16/85	COMP DATE: 2/3/86	
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
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

SPM - 6.25 SL - 90"

SALT	DEPTH
DUNHAM	6644-6712
PINE	7035-7100
CHARLES	8275-8004

5 1/2"	SET @
23# TC80HC	45
17# L-80	6624
23# TC80HC	6803
20# L-80	7013
23# TC80HC	7188
20# L-80	8251
23# TC80HC	9099
20# L-80	9702

WELLHEAD: CSGHD 9 5/6" X 11" 3000 C22.

PUMP UNIT: LUFKIN C4560-365-120, W/ E-42 AJAX MOTOR.

PERFS: NESSON 9234-54' 4 SPF

PREPARED BY: GARY L EVERTZ DATE: 04/28/00

BASIC343.XLS

DIRICTIONAL WELL TMD - 9716', TVD - 9596'

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
BH @ TD:SESE SEC 3 153N 1 STATUS: PUMPING OIL WELL
543' FSL &655' FEL

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

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

SALT	DEPTH	5 1/2"	SET @
DUNHAM	6644-6712	23# TC80HC	45
PINE	7035-7100	17# L-80	6624
CHARLES	8275-9004	23# TC80HC	6803
		20# L-80	7013
		23# TC80HC	7188
		20# L-80	8251
		23# TC80HC	9099
		20# L-80	9702

WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22

PUMP UNIT: LUFKIN C456D-365-120
W/ E-42 AJAX MOTOR

PERFS: **NESSON 9234-54' 4 SPF**

PROPOSED HORIZONTAL WELL

4 1/2" HOLE

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

27°/100' BUILD RATE TO 90° 3000' LATERAL
AZIMUTH 290°

PREPARED BY: GARY L EVERTZ DATE: 08/22/02
BASIC343H.XLS

2960'	9 5/8"
3450'	TOP OF CMT
4034'	ORIGINAL KICK-OFF PT.
8092'	DV COLLAR
8392'	ORIGINAL MAX ANGLE 16 DEG.
8998'	BLS
9020'	KOP
9034'	PKR
9234-54'	NESSON PERFS 12 DEG DEV.
9346'	PINNED COLLAR
9529'	PBTD
9702'	5 1/2"

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 & 494' FWL SEC 2 T153N R101W
KOP	533' FSL & 522' FEL SEC 3 T153N R101W
TARGET (9438'MD)	535' FSL & 564' FEL 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 NORTH	RECTANGULAR COORDINATES EAST	DOG LEG SEVERITY DEG/100'			
	-	-	0.0		0	0	0	0				
KICK-OFF PT	9,020	9,020	0.0		0.00	0.00	0.00	0.00		KOP FOR HORIZONTAL HOLE		
	9,050	9,050	8.1	290.0	2.12	2.12	0.73	-2.00	26.93			
	9,080	9,081	16.4	290.0	6.51	8.64	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	12.66	-34.91	26.92			
	9,170	9,188	45.0	290.0	24.90	62.04	21.18	-58.31	27.19			
	9,200	9,235	56.1	290.0	37.77	99.81	34.08	-93.81	27.16			
TARGET	9,238	9,373	90.0	290.0	132.84	232.65	79.43	-218.67	23.09	TARGET	NESSON POROSITY	
	9,238	9,473	90.0	290.0	100.00	332.65	113.57	-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	215.99	-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	-1346.57	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	90.0	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			
	9,239	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

GLE DOCUMENT\DIR BASIC G&F.XLS

MELBY 14-1H HORIZONTAL WELL
CROSS SECTION

GLEDOCUMENT\DIR BASIC G&F.XLS

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~~ 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 76.08 W

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE 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
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	2.29
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	4256.17	18.72 N	58.85 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	149.86 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	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)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE DIRECTION (DEG)	DOGLEG SEVERITY (DEG/100')
5526.00	13.00	N 74.00 W	62.00	5499.44	69.02 N	301.24 W	308.99	309.04	N 77.10 W	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	3.08
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	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	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	6082.73	71.65 N	423.10 W	427.91	429.12	N 80.39 W	1.16
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	.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	768.73	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	.80

SII DATADRIL

Division of Smith International, Inc.

BASIC EARTH SCIENCE SYSTEMS
BASIC GANE & FISH 14-3

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

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE 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	1.63
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	1.61
8481.00	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	142.96 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 143	1065.44 W 1058	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	148.18 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

Perf 9234' BHL 535' FSL + 564' FWL

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

SMITH DATADRIL
Division of Smith International, Inc.

HORIZONTAL PLOT

N

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 DATADRIL
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	8.53 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)	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	.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 19.64 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	23.68	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	.63
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

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.

☑ Notice of Intent	Approximate Start Date 10-1-02
☐ Report of Work Done	Date Work Completed
☐ 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

☐ Drilling Prognosis	☐ Spill Report
☐ Redrilling or Repair	☐ Shooting
☐ Casing or Liner	☑ Acidizing
☐ Plug Well	☐ Fracture Treatment
☐ Supplemental History	☐ Change Production Method
☐ Temporarily Abandon	☐ Reclamation
☑ Other **Drill Horizontal Lateral**	

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	Pool	County		
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

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**	Zip Code **59103-7168**
Signature Loren W Prigan	Printed Name **Loren W Prigan**	
Title **Engineering Tech**	Date **September 9, 2002**	

FOR STATE USE ONLY

☐ Received	☑ Approved
Date SEP 16 2002	
By Kelly	
Title Horizontal Drilling Supervisor	

ND

NORTH DAKOTA - SUPPLEMENTAL PLAT

ND

Applicant NANCE PETROLEUM
Well Name & No. BASIC GAME AND FISH 34-3H
Section 3, T153N, R101W, 5th. P.M., McKENZIE County, North Dakota

SCALE:
1"=1000'

1000' 0 1000'

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.

LEO J. HORGAN REGISTERED LAND SURVEYOR 2883 NORTH DAKOTA

LEO J. HORGAN RLS# 2883

ND

ND

DATE OF PLAT: 09/05/2002	AmeriTech Engineering Corporation WILLISTON ND BELFIELD ND
JOB NO. 02-212 DRWG. NO. 1 OF 1	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.

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

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.

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

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 conditious warrant.

Sincerely,

Kelly Triplett
Horizontal Drilling Supervisor

KT/db
Enc.

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	18	153 N	101 W	McKENZIE

Operator	Telephone #	Field
NANCE PETROLEUM CORPORATION	406-245-6248	BAKER

Address	City	State	Zip Code
P O BOX 7168	BILLINGS	MT	59103-7168

Name of First Purchaser	Telephone #	% Purchased	Date Effective
Nexen Marketing USA, Inc.	403-699-4059	100	July 1, 2002

Principal Place of Business	City	State	Zip Code
~~1700 801 7th Ave SW~~ 5660 Greenwood Plaza Blvd #203	~~Calgary AB~~ Greenwood Village	~~Canada~~ CO	~~T2P 3P7~~ 80111

Field Address	City	State	Zip Code
PO Box 567	Plentywood	MT	59254

Name of Transporter	Telephone Numbe	% Transported	Date Effective
Diamond B Oilfield Trucking (TR)	406-765-1376	100	July 1, 2002

Address	City	State	Zip Code
PO Box ~~567~~ 445	~~Plentywood~~ West Hope	~~MT~~ ND	58793 ~~59254~~

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	Title
Gary L. Evertz	Gary L. Evertz	VP Operations

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Valeri Kaae	Valeri Kaae	Operations Assistant

FOR STATE USE ONLY

Date Approved: JUL 2 2002

By: Sheila O'Shaughnessy

Title: Oil Gas Coordinator

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	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3	SWSW	28	153 N	101 W	McKENZIE

Operator	Telephone #	Field
NANCE PETROLEUM CORPORATION	406-245-6248	BAKER

Address	City	State	Zip Code
P O BOX 7168	BILLINGS	MT	59103-7168

Name of First Purchaser	Telephone #	% Purchased	Date Effective
Tesoro Refining & Marketing Company	720-744-9315	100	February 1, 2002

Principal Place of Business	City	State	Zip Code
1225 17th St., Ste 1800	Denver	CO	80202

Field Address	City	State	Zip Code
HC 56 Box 605 1A	Sidney	MT	59270

Name of Transporter	Telephone Numbe	% Transported	Date Effective
Tesoro ~~Refining & Marketing Company (TR)~~ High Plaines Pipeline Co.	406-482-4841	100	February 1, 2002

Address	City	State	Zip Code
~~HC 56 Box 605 1A~~ 1225 17th St Ste 1800	~~Sidney~~ Denver	~~MT~~ Co	80202 ~~59270~~

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

Above Signature Witnessed By

Witness Signature	Witness Printed Name	Witness Title
Jeanette Magstadt	Jeanette Magstadt	Operations Assistant

FOR STATE USE ONLY

Date Approved	FEB 8 2002
By	Sheila O'Shaughnessy
Title	Oil Prod Analyst

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

WELL	BASIC GAME & FISH 34-3	(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

		% Purchased	Date Effective
Name of First Purchaser	AMOCO PRODUCTION COMPANY	100	May 1, 2000
Principal Place of Business	~~1670 Broadway, Ste 1104, Denver, CO 80201~~ PO Box 21578 Tulsa OK 74121		
Field Address	1670 Broadway, Ste 1104, Denver, CO 80201		

		% Transported	Date Effective
Name of Transporter	BP ~~AMOCO PRODUCTION COMPANY~~ Pipeline Trucking Co	100	May 1, 2000
Address	~~1670 Broadway, Ste 1104, Denver, CO 80201~~ 4542 E 41st St Suite 300 Tulsa OK 74135		

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: Gary L Evertz 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: Jeanette M. Magstadt My Commission Expires: AUGUST 21, 2000

JEANETTE M. MAGSTADT NOTARIAL SEAL STATE OF MONTANA

APR 2000 RECEIVED ND OIL & GAS DIVISION

APPROVED BY: Shirley O'Shaughnessy Oil Prod. Analyst 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)

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

WELL	BASIC GAME & FISH 34-3	(Q/Q)	SWSW	(SEC.)	2 (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

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

		% Transported	Date Effective
Name of Transporter	ELOTT ENERGY OPERATING LIMITED PARTNERSH	100	June 1, 1999
Address	P O BOX 4666, HOUSTON, TX 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 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: Gary L. Evertz | 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: Janette M. Flagstad | My Commission Expires: AUGUST 21, 2000

APPROVED BY: Mark Bohm | Date: AUG 2 1999

NORTH DA OTA INDUSTRIAL CO MISSION

OIL AND GAS DIVISION 11745

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: PRINCPAL 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

600 E Boulevard Ave Dept 405, Bismarck, North Dakota 58505-0840 Phone(701)328-8020 Fax(701)328-8022

PRODUCERS C TIFICATE OF COMPLIANCE AND
***AUTHORIZATION TO TRANSPORT OIL FROM LEASE* FORM 8**
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5698 (7-92)

DEC 1998 RECEIVED ND OIL & GAS DIVISION

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.

Well Name and Number	Qtr-Qtr	Section	Township	Range	County
BASIC GAME & FISH 34-3					MC KENZIE

Company Name	Field		
PANTERRA PETROLEUM	BAKER		
Address	**City**	**State**	**Zip Code**
P.O. BOX 7168	BILLINGS	MT	59103

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

The above named producer authorizes the above named purchaser to 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	Title	Date
Terry Holzwarth	Engineer	DEC 11 1998

STATE OF Montana)
) SS
COUNTY OF Yellowstone)

Notary Seal

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.

Notary Public Billings, MT

My commission expires 8/21/00

FOR OFFICE USE ONLY

Approved By	Title	Date
Charles A. Koch	Geo Supv	12/21/98

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

11745

Wesley D. Norton
DIRECTOR

F.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.

600 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58505 PHONE (701) 328-8020 FAX (701) 328-8022

SUNDRY NOTICES AND REPORTS ON WELLS - FORM
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 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
☐ Redrilling or Repair
☐ Casing or Liner
☐ Plug Well
☐ Supplemental History
☐ Temporarily Abandon
☐ Spill Report
☐ Shooting
☐ Acidizing
☐ Fracture Treatment
☐ Change Producing Method
☐ Reclamation
☒ Other Workover Exemption

FEB 1998
RECEIVED
ND OIL & GAS DIVISION

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	Pool	County			
Baker	Madison	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)

1. Enclosed: $100.00
2. PANTERRA PETROLEUM, P. O. Box 7168, Billings, MT 59103-7168
3. Well name and legal - as above.
4. Dates workover project performed: 9/9/97 to 9/16/97.
5. AFE cost detail attached. Final cost: $29,075.18.
6. Detail of all work done: see attached Sundry Notice - Form 4.
7. Average daily oil production first 60 days: 35.6 BOPD Before 23.7 BOPD. See average before and after attached.
8. 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	State	Zip Code
Billings	MT	59103-7168
By	Date	
[signature]	2/2/98	
Title	Telephone Number	
Operations Manager	(406) 245-6248	

FOR OFFICE USE ONLY

☐ Received ☒ Approved

Date	2-6-98
By	Kent Feeed
Title	Petr Eng

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

~~719.28~~

First 2 Mo Prod

2135.52 / 60

= 35.6

REQUESTED BY: MARLENE CONRAD

PANTERRA PETROLEUM
ACIDIZE MISSION CANYON PERFS

CO. 2
A.F.E. # 135
ENTITY # W 617 BASIC PONE & FISH 34-3
FROM 5/01/97 THRU 1/31/98 BY OCCUR DATE

MAJOR MINOR	DESCRIPTION	DATE	A/P&RS 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 MISSION	97/09/16	9,487.84	VENDOR NAME	H & H WELL SERVICE INDI	GROUP/DOM	0-00
1660 0200	COMPLETION UNIT		9,487.84	16,000.00	.00	6,512.16	59.2
1660 0300	AFE 125	97/09/09	352.00	VENDOR NAME	THE WELL SERVICING INDI	GROUP/DOM	0-00
1660 0300	AFE 135 - PT TBG	97/09/13	103.35	VENDOR NAME	H B & R INC. DOI	GROUP/DOM	0-00
1660 0300	AFE 135 - TREAT OIL	97/09/13	583.85	VENDOR NAME	H B & R INC. DOI	GROUP/DOM	0-00
1660 0300	AFE 135	97/09/30	1,255.61	VENDOR NAME	BLACK HILLS TRUCKINGDOI	GROUP/DOM	0-00
1660 0300	WATER SOURCE, HAULING		2,304.81	2,500.00	.00	195.19	92.1
1660 0450	AFE 135 - PICKLE TBG	97/09/10	2,743.72	VENDOR NAME	HALLIBURTON SERVICESDOI	GROUP/DOM	0-00
1660 0450	AFE 135	97/09/11	5,917.08	VENDOR NAME	HALLIBURTON SERVICESDOI	GROUP/DOM	0-00
1660 0450	STIMULATION FRAC/ACID		8,660.80	9,000.00	.00	339.20	96.2
1660 0500	AFE 135 - RENT TANKS	97/09/09	294.40	VENDOR NAME	H B & R INC. DOI	GROUP/DOM	0-00
1660 0500	AFE 135 - TANKS	97/09/10	168.00	VENDOR NAME	H B & R INC. DOI	GROUP/DOM	0-00
1660 0500	AFE 135 - PKR	97/09/19	1,853.40	VENDOR NAME	HALLIBURTON SERVICESDOI	GROUP/DOM	0-00
1660 0500	AFE 135 - REDRESS TBG	97/09/11	204.33	VENDOR NAME	HALLIBURTON SERVICESDOI	GROUP/DOM	0-00
1660 0500	AFE 125 - POP & RECUS	97/09/03	721.08	VENDOR NAME	WISCO CORPORATION DOI	GROUP/DOM	0-00
1660 0500	RENTAL EQUIPMENT		3,242.01	4,000.00	.00	757.99	81.0
1660 0610	LABOR - CONTRACT		.00	500.00	.00	500.00	.0
1660 0650	AFE 135	97/09/29	2,391.25	VENDOR NAME	STEELE CONSULTING, LDOI	GROUP/DOM	0-00
1660 0650	SUPERVISION - CONTRACT		2,391.25	3,200.00	.00	808.75	74.7
1660 0700	AFE 135 - REP. PMP	97/09/12	753.87	VENDOR NAME	WILSON INDUSTRIES INDOI	GROUP/DOM	0-00
1660 0700	OTHER COSTS		753.87	4,000.00	.00	3,246.13	18.8
1660 0800	AFE 135-WORKOVER O/H	97/09/30	1,651.92	VENDOR NAME		DOI GROUP/DOM	0-00
1660 0800	ADMINISTRATIVE OVERHEAD		1,651.92	2,050.00	.00	398.08	80.5
	MAJOR ACCOUNT TOTALS		20,492.50	43,750.00	.00	13,257.50	68.2
1700 0960	AFE 135 - SN	97/09/12	307.91	VENDOR NAME	WILSON INDUSTRIES INDOI	GROUP/DOM	0-00
1700 0960	AFE 135 - ROD CPLGS	97/09/14	274.77	VENDOR NAME	WILSON INDUSTRIES INDOI	GROUP/DOM	0-00
1700 0960	SUBSURFACE EQUIPMENT		582.68	2,500.00	.00	1,917.32	23.3
	MAJOR ACCOUNT TOTALS		582.68	2,500.00	.00	1,917.32	23.3
	TOTALS FOR THIS A.F.E.		29,075.18	44,250.00	.00	15,174.82	65.7

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(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

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 [X] GAS WELL [ ] 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: Surface 392' FSL & 494' FWL SWSW

10. FIELD AND POOL, OR WILDCAT: Baker

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

14. PERMIT NO.: 11745

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 1850

12. COUNTY OR PARISH: McKenzie

13. STATE: ND

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(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.)*

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 NESSON 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 [signature] TITLE Operations Manager DATE 9/29/97

(This space for Federal or State office use)

APPROVED BY ORIGINAL SIGNED BY FILE WILBORN TITLE Assistant Director DATE OCT 7 1997

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PANTERRA PETROLEUM

WELL:	BASIC GAME & FISH 34-3	FIELD: BAKER
LOCATION:	SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL	
	BH @ TD:SESE SEC 3 153N 101W 543' FSL &655' FEL	STATUS: PUMPING OIL WELL
ELEVATION:	GL - 1850' KB - 1872'	ST FILE NO: 11745
ACCTG NO.	617	API# 33-053-02102
SPUD DATE:	10/16/85	COMP DATE: 2/3/86
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
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

SPM - 6 SL - 120"

SALT	DEPTH
DUNHAM	6644-6712
PINE	7035-7100
CHARLES	8275-9004

5 1/2"	SET @
23# TC80H	45
17# L-80 LT	6624
23# TC80H	6803
20# L-80 LT	7013
23# TC80H	7188
20# L-80 LT	8251
23# TC80H	9099
20# L-80 LT	9702

WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.

PUMP UNIT: LUFKIN C456D-365-120, W/ E-42 AJAX MOTOR.

PERFS: NESSON 9234-54' 4 SPF

PRODUCTION:

PREPARED BY: GARY L EVERTZ DATE: 09/13/97

DIRICTIONAL 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:

Tbg & BHA		Pump & Rod Detail
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.

Daily Gauges and Pipe Line Runs for Month of September

Lease/Well: **BASIC GAME & FISH 34-3**

Date	400 Feet	400 Inch	400 Stock	247414 Feet	247414 Inch	247414 Stock	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Total Stock in Tank	Water Prod Fresh Water	Water Prod Salt Water	Ticket Number	Tank Number	Date	Run Date	Measured On Ft	Measured On In	Measured Off Ft	Measured Off In	BS&W	Obsv Tmp	Temp On	Gravity	Total Run to Pl Co Barrels	Total Daily Prod BBLS
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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	63.29
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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	69.87
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	248.66	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	-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	248.66	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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	sump oil		/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	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			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	38.27

Computation of Production	
Stock End of Month	465.36
Add Pipeline Runs	1,217.98
Stock First of Month	283.91
Production for Month	1,399.43

Total Days produced in month = 26

1181.29

0 194

Total Formation Water: 194

Computer Version By: Travis Bauer

Dan's Production Service

Williston, ND

Approved by: (Pumper): Rhonda J Holte

Approved by: (Supervisor): _____

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.

Daily Gauges and Pipe Line Runs for Month of November

Lease/Well: **BASIC GAME & FISH 34-3**

Date	247413 Size 400 Feet	Inch	Stock	247414 400 Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Total Stock In Tank	Water Prod Fresh Water	Water Prod Salt Water	Ticket Number	Tank Number	Date	Run Date	Measured On Ft	Measured On In	Measured Off Ft	Measured Off In	BS&W	Obsv Tmp	Temp On	Gravity	Total Run to Pl Co Barrels	Total Daily Prod BBLS
11/02/97	7	10.00	162.85	2	7.50	56.76	0	0.00	0.00	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	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	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	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	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	0	0.00	0.00	144.85	0	0			/ /	/ /	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	0	0.00	0.00	169.79	0	0			/ /	/ /	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	0	0.00	0.00	196.38	0	0			/ /	/ /	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	0	0.00	0.00	226.35	0	0			/ /	/ /	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	0	0.00	0.00	254.75	0	10			/ /	/ /	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	247.60	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	279.69	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	24.94
11/13/97	3	0.00	66.05	12	2.00	247.60	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	313.65	0	0			/ /	/ /	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	247.60	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	335.43	0	3			/ /	/ /	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	247.60	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	362.23	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	26.80
11/16/97	7	1.00	147.88	1	8.25	37.82	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	185.70	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	33.25
11/17/97	8	2.00	169.50	1	8.25	37.82	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	207.32	0	7			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	21.62
11/18/97	9	7.00	197.80	1	8.25	37.82	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	235.62	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.30
11/19/97	12	7.25	258.23	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	258.23	0	2			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	22.61
11/20/97	12	7.25	258.23	1	3.00	28.92	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	287.15	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.92
11/21/97	1	4.00	31.22	2	7.00	55.92	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	87.14	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	27.00
11/22/97	1	4.00	31.22	3	11.00	82.71	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	113.93	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	26.79
11/23/97	1	4.00	31.22	5	2.00	107.78	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	139.00	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	25.07
11/24/97	1	4.00	31.22	6	7.00	136.03	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	167.25	0	7			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.25
11/25/97	1	4.00	31.22	7	10.00	160.97	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	192.19	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	24.94
11/26/97	1	4.00	31.22	7	4.00	150.99	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	182.21	0	7			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	-9.98
11/27/97	1	4.00	31.22	10	0.00	204.28	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	235.50	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	53.29
11/28/97	1	4.00	31.22	11	9.00	239.29	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	270.51	0	3			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	35.01
11/29/97	1	4.00	31.22	13	3.00	269.24	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	300.46	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	29.95
11/30/97	2	8.00	59.02	13	3.00	269.24	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	328.26	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	27.80
12/01/97	4	1.00	87.83	2	4.50	51.73	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	139.56	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.81
																	0	45														

Computation of Production	
Stock End of Month	139.56
Add Pipeline Runs	1,098.31
Stock First of Month	413.85
Production for Month	824.02

Total Days produced in month = 30

1089.6d

Total Formation Water: 45

Computer Version By: Travis Bauer

Dan's Production Service
Williston, ND

Approved by: (Pumper): Rhonda J. Bartlette

Approved by: (Supervisor): _____

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 400 Feet	Inch	Stock	247414 400 Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Feet	Inch	Stock	Total Stock In Tank	Water Prod Fresh Water	Water Prod Salt Water	Ticket Number	Tank Number	Date	Run Date	Measured On Ft	Measured On In	Measured Off Ft	Measured Off In	BS&W	Obsv Tmp	Temp On	Gravity	Total Run to Pl Co Barrels	Total Daily Prod BBLS
10/02/97	10	6.00	216.10	12	5.00	252.59	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	468.69	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	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	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	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	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	0	0.00	0.00	243.94	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	34.91
10/08/97	4	11.00	104.58	8	7.00	175.93	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	280.51	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	36.57
10/09/97	4	11.00	104.58	10	5.00	212.63	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	317.21	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	36.70
10/10/97	4	11.00	104.58	12	2.00	247.60	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	352.18	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	34.97
10/11/97	6	7.00	137.90	12	2.00	247.60	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	385.50	0	7			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	33.32
10/12/97	8	5.00	174.50	1	9.50	39.94	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	214.44	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	36.60
10/13/97	10	2.00	209.45	1	9.50	39.94	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	249.39	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	34.95
10/14/97	11	8.00	239.37	1	9.50	39.94	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	279.31	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	29.92
10/15/97	11	8.00	239.37	3	5.00	72.67	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	312.04	0	3			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	32.73
10/16/97	11	8.00	239.37	4	10.00	101.11	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	340.48	0	3			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.44
10/17/97	1	9.50	40.78	6	8.00	137.70	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	178.48	0	2			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	36.59
10/18/97	1	9.50	40.78	8	2.00	167.61	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	208.39	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	29.91
10/19/97	1	9.50	40.78	9	10.00	200.94	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	241.72	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	33.33
10/20/97	1	9.50	40.78	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	270.09	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.37
10/21/97	3	2.00	69.40	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	298.71	0	2			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.62
10/22/97	4	8.00	99.56	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	328.87	0	2			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	30.16
10/23/97	6	2.00	129.58	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	358.89	0	7			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	30.02
10/24/97	9	11.00	204.46	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	383.71	0	10			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	24.82
10/25/97	11	4.00	232.72	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	411.97	0	3			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	28.26
10/26/97	13	2.00	269.59	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	448.84	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	36.87
10/27/97	14	8.75	300.96	8	9.00	179.25	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	480.21	0	2			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	31.37
10/28/97	4	4.50	93.69	10	4.00	210.96	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	304.65	0	7			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	31.71
10/29/97	4	4.50	93.69	11	10.00	240.95	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	334.64	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	29.99
10/30/97	4	4.50	93.69	11	3.00	229.31	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	323.00	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	-11.64
10/31/97	4	4.50	93.69	13	10.00	280.94	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	374.63	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	51.63
11/01/97	6	4.00	132.91	13	10.00	280.94	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	413.85	0	0			/ /	/ /	0	0.00	0	0.00	0.0000000	0	0	0.00	0.00	39.22
																	0	61														

Computation of Production	
Stock End of Month	413.85
Add Pipeline Runs	1,040.68
Stock First of Month	465.36
Production for Month	989.17

Total Days produced in month = 31

1019.19

Total Formation Water: 61

Computer Version By: Travis Bauer

Dan's Production Service

Williston, ND

Approved by: (Pumper): Rhonda J. Bartlette

Approved by: (Supervisor):

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

10/24/97 Recycled on Tank 14 from 11'3" to 8'9" into Tank 13.

11745

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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.)

OCT 1997 RECEIVED ND OIL & GAS DIVISION

1. OIL WELL [X] 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: Surface 392' FSL & 494' FWL SWSW

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: McKenzie

13. STATE: ND

14. PERMIT NO.: 11745

15. ELEVATIONS (Show whether DF, RT, GR, 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	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(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.)*

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 NESSON 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 [signature] TITLE Operations Manager DATE 9/29/97

(This space for Federal or State office use)

APPROVED BY Rec'd. [signature] TITLE Assistant Director DATE OCT 7 1997

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PANTERRA PETROLEUM

WELL:	BASIC GAME & FISH 34-3
FIELD:	BAKER
LOCATION:	SURF:SWSW SEC 2 153N 101W, MCKENZIE CO, ND 392' FSL & 494' FWL
	BH @ TD:SESE SEC 3 153N 101W 543' FSL &655' FEL
STATUS:	PUMPING OIL WELL
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
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
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

SPM - 6 SL - 120"

SALT	DEPTH
DUNHAM	6644-6712
PINE	7035-7100
CHARLES	8275-9004

5 1/2"	SET @
23# TC80H	45
17# L-80 LT	6524
23# TC80H	6603
20# L-80 LT	7013
23# TC80H	7188
20# L-80 LT	8251
23# TC80H	9099
20# L-80 LT	9702

WELLHEAD: CSGHD 9 5/8" X 11" 3000 C22.

PUMP UNIT: LUFKIN C456D-365-120, W/ E-42 AJAX MOTOR.

PERFS: NESSON 9234-54' 4 SPF

PRODUCTION:

PREPARED BY: GARY L EVERTZ

DATE: 09/13/97

DIRICTIONAL 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:

Tbg & BHA		Pump & Rod Detail
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 TRIPLICATE* (Other instructions on reverse side)

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL [X] GAS WELL [ ] 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: Surface 392' FSL & 494' FWL SWSW

10. FIELD AND POOL, OR WILDCAT: Baker - Madison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2/3-T153N-R101W

14. PERMIT NO.: 11745

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 1850

12. COUNTY OR PARISH: McKenzie

13. STATE: ND

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Spill			[X]
(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.)*

See attached Spill History

SEP 1997
RECEIVED
ND OIL & GAS
DIVISION

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

SIGNED Gary L. Ewing TITLE Operations Manager DATE 9/16/97

(This space for Federal or State office use)

~~APPROVED~~ Recd BY Mark Bohen TITLE PETROLEUM ENGINEER DATE September 19, 1997

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 Occurence: 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:

2. Date of Occurence: 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)

11745

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL [X] GAS WELL [ ] 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

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

14. PERMIT NO.: 11745

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

12. COUNTY OR PARISH: McKenzie

13. STATE: ND

SEP 1997 RECEIVED OIL & GAS DIVISION

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(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.)*

09/02/97 Returned to production after flooding.

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

SIGNED [signature] TITLE Operations Manager DATE 9/3/97

(This space for Federal or State office use)

APPROVED BY [signature] TITLE Assistant Director DATE SEP 8 1997

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PRODUCERS CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL FROM LEASE

FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5898 (2-92)

JUL 1997 RECEIVED ND OIL & 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

WELL BASIC GAME & FISH 34-3 (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

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

		% Transported	Date Effective
Name of Transporter	KOCH ~~OIL COMPANY~~ P/L		
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 Terry Holzwarth 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: Charles A. Koch 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

JUN 1997

- [x] Notice of Intent
  Approximate Start Date: When Flood Waters Allow.
- [ ] Report of Work Done
  Date Work Completed: _____

- [ ] Drilling Prognosis
- [ ] Redrilling or Repair
- [ ] Casing or Liner
- [ ] Plug Well
- [ ] Supplemental History
- [ ] Temporarily Abandon
- [ ] Spill Report
- [ ] Shooting
- [x] Acidizing
- [ ] Fracture Treatment
- [ ] Change Producing Method
- [ ] Reclamation
- [x] Other: Workover Tax 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	Pool	County		
Baker	Madison	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	State	Zip Code
Billings	MT	59103-7168
By	Date	
Gary S. Evertz	6/23/97	
Title	Telephone Number	
Operations Manager	(406) 245-6248	

FOR OFFICE USE ONLY

- [ ] Received
- [x] Approved

Date	6-30-97
By	
Title	Pet. Eng.

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 untill 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

```
                                                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' FEL
                                                ELEVATION: GL - 1850'  KB - 1872'        ST FILE NO: 11745
 3450'                  TOP OF CMT                                                       API# 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 W/ DIP TUBE                      110 7/8" GRAD D RODS (2750')
                                                2 JTS 2 7/8" L80 TBG                     47 - 3/4" GRADE D RODS (1175')
                                                BASIN AC - 9214'                         182 - 3/4 GR D RODS W/ PADDLES(4550
                                                2 JTS 2 7/8" L80 TBG                     24 - 7/8" GR D W/ PADDLES(600')
                                                PINNED COLLAR - 9287'                    1" X 4' PADDLE PONY ROD
                                                                                         2 1/2" X 1 1/2" X 24' RHBM,
                                                                                            BRASS NICARB PUMP
                                                SN
                                                SPM - 7  SL - 120"
 8092'                  DV COLLAR                                                        5 1/2"     SET @
                                                                                         ---------------------
                                                SALT          DEPTH                      23# TC80H       45
 8392'                  MAX ANGLE              ----------------------                    17# L-80       6624
                        16 DEG.                 DUNHAM     6644-6712                     23# TC80H      6803
                                                PINE       7035-7100                     20# L-80       7013
                                                CHARLES    8275-9004                     23# TC80H      7188
                                                                                         20# L-80       8251
                                                                                         23# TC80H      9099
 9150'                  MECH SN                WELLHEAD:  CSGHD 9 5/8" X 11" 3000 C22.  20# L-80       9702
 9194'
 9214'                  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
 9287'                  PINNED COLLAR
 9529'                  PBTD                   PRODUCTION: 43 BO, 18 MCF 2 BWPD
 9702'                  5 1/2"                 PREPARED BY:  GARY L EVERTZ              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 - FORM 8

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
SFN 5698 (2-92)

JUN 1997

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

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

PRODUCER: PANTERRA PETROLEUM FIELD BAKER POOL MAQISON

ADDRESS CORRESPONDENCE TO: GARY L. EVERTZ, 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		

		Transported	Date Effective
Name of Transporter Address	AMOCO PRODUCTION COMPANY Truck 1670 Broadway, Ste 715 Denver, CO 80201	100	06/01/97

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 Gary L Evertz 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. Brock Date: 6/3/97

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

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 [X] 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

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

14. PERMIT NO.: 11745

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

12. COUNTY OR PARISH: McKenzie

13. STATE: ND

SEP 1995
ND OIL & GAS DIVISION

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(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 Sakakowea

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

SIGNED Jeanette Mongtell TITLE Operations Asst DATE 9-11-95

(This space for Federal or State office use)

APPROVED BY FEW TITLE Assistant Director DATE 9-14-95

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL [X] GAS WELL [ ] 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

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

14. PERMIT NO.: 11745

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

12. COUNTY OR PARISH: McKenzie

13. STATE: ND

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(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 temporally shut-in July 15, 1995, due to flood waters in Lake Sakakowea.

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

SIGNED Gary S Evertz TITLE Operations Manager DATE 8/24/95

(This space for Federal or State office use)

APPROVED BY Sheila O'Shaughnessy TITLE Oil Prod. Auditor DATE 8-28-95

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

11745

JUL 1995

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 Occurence: 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: Gary L Evertz

2. Date of Occurence: _____ 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. Rysh NDIC

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)

JUL 1995 RECEIVED ND OIL & GAS DIVISION

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

WELL BASIC GAME & FISH 34-3 (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

		% Purchased	Date Effective
Name of First Purchaser	AMOCO PRODUCTION COMPANY	100	08/01/95
Principal Place of Business	1670 Broadway, Ste 715, Denver CO 80201		
Field Address	1670 Broadway, Ste 715, Denver CO 80201		

		% Transported	Date Effective
Name of Transporter Address	SCURLOCK PERMIAN CORP. - TRUCK 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 Gary L Evertz 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.

Jeanette M Haugstad
Notary Public

My Commission Expires AUGUST 21, 1996

APPROVED BY: Charles A. Koch Date: 7/17/95

11745

ORTH DAKOTA OIL AND GAS D ISION

REPORT OF

SPILLS

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

JUL 1995 RECEIVED ND OIL & GAS DIVISION

DATE: 7-5-95

COMPANY: PANTERRA PETROLEUM

COMPANY REPRESENTATIVE: DAN REDKA

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

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

DATE OF OCCURRENCE: 7-4-95 10:20 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 BBLS OIL (+SW?) AT WELLHEAD + ON LOCATION TO WEST OF WELLHEAD - THEY ARE WAITING FOR CONTACT FROM CORPS OF ENGINEERS PRIOR TO CLEAN-UP.

Thomas K. Delling
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

WELL 34-3 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

		% Purchased	Date Effective
Name of First Purchaser	SCURLOCK PERMIAN CORP	100	1/1/95
Principal Place of Business	P. O. BOX 4648, HOUSTON, TX 77210-4648		
Field Address	P. O. BOX 2358, WILLISTON, ND 58801		

		% Transported	Date Effective
Name of Transporter	SCURLOCK PERMIAN CORP. - TRUCK	100	1/1/95
Address	P. O. BOX 2358, WILLISTON, ND 58801		

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 bo valid until further notice to the transporters and purchasers named until cancelled by the OPERATOR.

Signature: Gary L Evertz 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.

Jeanette M Mazzolt

My Commission Expires AUGUST 21, 1996

APPROVED BY: Charles A. Fosh Date: 12/13/94

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)

JUN 1994 RECEIVED ND OIL & GAS DIVISION

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

WELL 34-3 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

		% Purchased	Date Effective
Name of First Purchaser	AMOCO PRODUCTION COMPANY	100	6/1/94
Principal Place of Business	1670 BROADWAY, STE 715, DENVER, CO 80201		
Field Address	1670 BROADWAY, STE 715, DENVER, CO 80201		

		% Transported	Date Effective
Name of Transporter Address	SCURLOCK PERMIAN CORP. - TRUCK 650 S. CHERRY ST., STE 210, DENVER, CO	100	6/1/94

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

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 Gary L Evertz Title Engineer Date 6/8/94

State of Montana
County of Yellowstone

On 6/8/94, 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.

Jeanette M Gaylord
Notary Public

My Commission Expires AUGUST 21, 1996

APPROVED BY: Charles A. Koch Date: 6/13/94

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

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/MR

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, 600 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 tranfer of the oil and/or gas wells named below for the purpose of ownership and/or operation to the company named below.

Signature: [signature] Date: January 31, 1994 Title: Operator
(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
Robert L. Nance Panterra Petroleum 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

Signature: [signature] Date: January 31, 1994 Title: President
(Must be an officer or power of attorney must be attached)

Robert L. Nance

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.

Signature: [signature] Date: February 3, 1994 Title: Roy C. Die, Attorney-In-Fact
(Must be an officer or power of attorney must be attached)

FOR OFFICE USE ONLY

Approved By	Title	Date
[illegible] Assistant Director		FEB 8 1994

ATTACHED TO AND MADE A PART OF THAT CERTAIN FORM 15
RECEIVING COMPANY: PANTERRA PETROLEUM, A MONTANA GENERAL PARTNERSHIP
NANCE 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

WELL BASIC GAME & FISH 34-3 (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

		% Purchased	Date Effective
Name of First Purchaser	SCURLOCK PERMIAN CORP.	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		

		% Transported	Date Effective
Name of Transporter	SCURLOCK PERMIAN CORP. - TRUCK		
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 Gary L Evertz 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.

Jeanette M Gaylodt
Notary Public

My Commission Expires AUGUST 21, 1996

APPROVED BY: Charles A. Koch Date: 3/22/94

FORM 4

Well File No. 11745

North Dakot a State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505

JUN 1989 RECEIVED ND OIL & GAS DIVISION

SUNDRY NOTICES AND REPORTS ON WELLS

1. Notice of Intention to Drill or Redrill
2. Notice of Intention to Change Plans
3. Notice of Intention to Pull Casing
4. Notice of Intention to Abandon Well
5. Report of Water Shut-Off
6. Report of Shooting or Acidizing
7. Report of Casing
8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
12. Put well on pump.

NAME OF LEASE Basic Game and Fish Date 6/20/ 19 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 F E Olson

Title Deputy Enforcement Officer

(Instructions Over)

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

Donna R. Bauer
Permit/Bond Secretary

/drb

Enclosures

cc: Basic Earth Science Systems, Inc.
P. O. Box 3088
Englewood, CO 80155

FORM 15

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505

RECEIVED DIVISION

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, 19 85 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.

Bond #SAA8 6720886

John L. Cox
By: Martha Wittenbach (Principal)
Martha Wittenbach, Prodn. Acctg. Mgr.
National Surety Corporation (Surety)
By: Linda F. Hughes
Linda F. Hughes, Attorney-in-Fact
2-10-87

Do not write in this space.

Approved FEB 12 1987 19

By

Title

Deputy Enforcement Officer

FORM 8

Well File No. 11

FEB 1987 RECEIVED ND OIL & GAS DIVISION

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 AND FISH

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 (Street) Houston, Tx (City) 77251-1183 (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:

N/A % (Name of Purchasers) N/A % (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, 19 87. JOHN L. COX
(Company or Operator)

STATE OF Texas)
) ss
COUNTY OF Midland)

Martha Wittenbach (Signature) Martha Wittenbach Prodn.Acctng.Mgr. (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 Brillian

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)

11/14/5

SMITH DATADRIL

Division of Smith International, Inc.

REPORT of DIRECTIONAL WELL SURVEY

JAN 1987
RECEIVED
ND OIL & GAS
DIVISION

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: 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 76.08 W

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE 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
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	2.29
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	58.85 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	149.86 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	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)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE 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	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	3.08
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	1.83
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	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	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 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	699.29	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	768.73	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)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE 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	1.63
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	1.61
8481.00	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	142.96 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	148.18 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 DATADRIL
Division of Smith International, Inc.

HORIZONTAL PLOT

N

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 DATADRIL
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 76.08 W

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE 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	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)	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	TOTAL RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	CLOSURE DISTANCE (FT)	CLOSURE 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	.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 19.64 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	23.68	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	.63
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

N

SCALE: 5 FEET/INCH

BHL: 29 FEET
@ N 42.80 W
TVD: 2999 FEET
MD: 3000 FEET

basic Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

January 9, 1987

JAN 1987
RECEIVED
ND OIL & GAS
DIVISION

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 G. 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

Donna R. Bauer
Permit/Bond Secretary

drb

Enclosures

900 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58505 701-224-2969

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

Lyn Entzi

lse

900 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58505 701-224-2969

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: SW¼SE¼
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.

Jeffery E. Jones
Vice President

JEJ:jb

encl.

cc: North Dakota Industrial Commission w/o encl.
North Dakota Game and Fish Department w/o encl.

basic Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

Well file

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: SE¼SW¼
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.

Jeffery E. Jones (ak)
Vice President

JEJ:ak

Enclosure

basic 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: SE¼SW¼
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.

Jeffery 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 rlb

Tom Delling
Field Inspector

TD/rls

900 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58505 701-224-2969

FORM 8

Well File No. 11745

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505

RECEIVED JUN 19 1986 OIL & GAS DIVISION

PRODUCERS CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL FROM LEASE

WELL Basic Game & Fish #34-3 (SEC.) 3 (TWP.) 153N (RGE.) 101W 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. Basic Earth Science Systems, Inc. (Company or Operator)

STATE OF Colorado)
) ss
COUNTY OF Arapahoe)

(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.

Tanya Lee Faust

My Commission expires 10-18-88 Notary Public in and for Arapahoe County, Colorado

Approved by: Bruce Hunter (Deputy Enforcement Officer) JUN 30 1986 (Date)

(Instructions Over)

basic Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado
80155-3088
(303) 792-5230

June 26, 1986

JUN 1986
RECEIVED
ND OIL & GAS
DIVISION

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

900 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58505 701-224-2969

Write file

FORM 4

Well File No. 11745

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA 58505

RECEIVED
OIL & GAS DIVISION

SUNDRY NOTICES AND REPORTS ON WELLS

1. Notice of Intention to Drill or Redrill
2. Notice of Intention to Change Plans
3. Notice of Intention to Pull Casing
4. Notice of Intention to Abandon Well
5. Report of Water Shut-Off
6. Report of Shooting or Acidizing
7. Report of Casing
8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
12. Rehabilitation Notice

NAME OF LEASE Basic Game & Fish Date May 1, 19 86

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 Pains 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 cuttings and drilling mud is going who is the surface owner?

Company Basic Earth Science Systems, Inc.

Address P.O. Box 3088, Englewood, CO 80155

By Jeffery E. Jones

Title Vice President

Do not write in this space

Approved 5-12 19 86

By Kenneth Kallestad

Title Reclamation Supervisor

(Instructions Over)

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

900 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58505 701-224-2969

11745

basic Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

February 27, 1986

RECEIVED

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

BAKER PRODUCTION TECHNOLOGY
A Baker Oil Tools Company

11745

TECHNICAL SERVICES, Security Life Bldg. • Suite 1350 • 1616 Glenarm • Denver, Colorado 80202 • Phone. (303) 573-8027

Operator: Basic Earth Science Systems Inc.
Address: P.O. Box 3088 Englewood, CO 80150
Well Name and No.: Game & Fish #34-3
Ticket No.: 21965
Date: 11-16-85
DST No.: 1
No. Final Copies: 17

Contractor	McKay Drilling	Top Choke	¼"	Flow No. 1	10 Min.
Rig No.	59	Bottom Choke	3/4"	Shut-in No. 1	60 Min.
Spot	--	Size Hole	8 3/4"	Flow No. 2	90 Min.
Sec.	3	Size Rat Hole	--	Shut-in No. 2	180 Min.
Twp.	154N	Size & Wt. D. P.	4½" XH 16.60#	Flow No. 3	-- Min.
Rng.	101W	Size Wt. Pipe	--	Shut-in No. 3	-- Min.
Field	Skunk Hollow	I. D. of D. C.	2¼"		
County	McKenzie	Length of D. C.	608 ft.	Bottom Hole Temp.	247°F
State	North Dakota	Total Depth	9259 ft.	Mud Weight	10.5#
Elevation	1868.6 ft.	Interval Tested	9229-9259 ft.	Gravity	--
Formation	Mission Canyon	Type of Test	Bottom Hole Conventional	Viscosity	37
				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	B	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	--

Lynes Dist.: Dickinson, ND
Our Tester: Terry Tucker
Witnessed By: Tom Hopkin

Did Well Flow – Gas Yes Oil No Water No

Ran 5 gallons amminia 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"

LYNES, INC.

Basic Earth Science Systems, Inc.	Game & Fish #34-3	1
Operator	Well Name and No.	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

Form 2

LY-231

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 PARAMATERS 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.

Location: SEC. 3 T154N R101W
Test Type: BOTTOM HOLE CONVENTIONAL
Formation: MISSION CANYON

Recorder Number: 16815
Recorder Depth: 9206 ft.

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P psi	PRESSURE psi	(T+dt)/dt 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	2.8182	
		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: 16815

WELL NAME: GAME & FISH #34-3
DST #: 1
DEPTH: 9206 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. 3 T154N R101W
RECORDER: 16815

WELL NAME: GAME & FISH #34-3
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.

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.

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.

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

basic Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

February 5, 1986

RECEIVED
DIVISION

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
SW¼SW¼ 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

OPETATOR:	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. Oilwell 22 P Derrick: 129' Lee C. Moore
PUSHER:	Dick Rosendahl
MUD:	Davis Mud Co., Wally Haplp.
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.	40
	Anhydrite: White crystalline, brown and white, to brown. Some limey streaks.	60
	Much variegated shale, gray shale.	
8810 - 8820	Limestone, brown, micrite, with lesser amounts of gray, granular to pelletal, latter with occasionally fine vuggy porosity.	60
	Anhydrite: As above.	40
8820 - 8830	Limestone: Brown to buff, micrite and pelmicrite, latter occasionally porous.	40
	Anhydrite: White, light buff, very fine crystalline to satin texture.	60
8830 - 8840	Limestone: As above.	10
	Anhydrite: As above.	50
	Salt.	10
	Shale: Variegated, red yellow.	30
8840 - 8850	Limestone: As above.	25
	Anhydrite: White, light brown, translucent, to soft white gummy.	50
	Shale: Variegated.	25
8850 - 8860	Limestone: Brown to buff to light chalky. Micrite mixed with anhydrite, rare pelletal.	20
	Anhydrite: As above.	60
	Shale: Variegated.	20
8860 - 8870	Limestone: As above.	40
	Anhydrite: As above.	60
8870 - 8880	Limestone: Brown, micrite, often streaked with anhydrite; occasionally oolitic.	40
	Anhydrite: White crystalline, to light buff.	60
	Shale: Variegated, cave, (and some off bottom?)	
8880 - 8890	Limestone: As above.	70
	Anhydrite:	30
8890 - 8900	Limestone: Dark brown micrite, to light, chalky.	80
	Anhydrite: As above.	20
	(streak 8894-96 drilled as salt)	

8900 - 8910	Limestone: Dark brown micrite, light gray, chalky, and occasional very pelletal.	60
	Anhydrite: White crystalline, to light gray, and buff.	30
	Shale: Soft, light gray, very limey to soft shaley limestone.	10
8910 - 8920	Limestone: As above.	40
	Anhydrite: White crystalline, and light gray.	60
8920 - 8930	Limestone: Brown micrite, to light gray chalky.	60
	Anhydrite: Light gray to white, translucent to crystalline.	40
8930 - 8940	Limestone: As above.	50
	Anhydrite:	50
8940 - 8950	As above.	
8950 - 8960	Limestone: As above.	40
	Anhydrite: As above.	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.	Tr
	Anhydrite: Light gray, translucent, light buff.	90
	Limestone:	10
9010 - 9020	Dolomite: Buff, very fine crystalline, light gray brown, to micritic, anhydritic in part.	30
	Anhydrite: As above to soft, chalky.	70
9020 - 9030	Dolomite: Light buff, very fine crystalline to crypto-crystalline	30
	Anhydrite: As above.	70

9030 - 9040	Dolomite: Light buff, very fine crystalline, crypto-crystalline, to shaley.	15
	Anhydrite: Light buff, light gray, light brown, translucent, to white crystalline.	85
9040 - 9050	Limestone: Brown, pelletal.	15
	Anhydrite: As above.	85
9050 - 9060.	Limestone: brown, pelmicrite.	5
	Anhydrite:	95
9060 - 9070	Limestone: Brown, micritic, to some pelletal.	70
	Anhydrite:	95
9070 - 9080	Dolomite: Light gray brown, very fine crystalline, limey, tight.	10
	Limestone: Brown micrite to dark brown, mottled and pelletal.	*70*
	Anhydrite:	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.	95
	Anhydrite:	5
	Some mineral fluorescence, no cut.	
	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.	95
	Anhydrite:	5
	No cut.	

9117 - 9130	Limestone: Brown and white mottled, clasts, and calcite, also some oolspar (traces). Some limey dolomite infilling.	99+
	Scattered oolites.	
	Anhydrite:	Tr
9130 - 9140	Limestone: Brown and white, mottled, with anhydrite inclusions.	70
	Anhydrite:	30
	Find no cut.	
9140 - 9145	Limestone: *Brown and white, to buff, often anhydrite inclusions.*	20
	Limestone: Buff and light buff, rather chalky, pelletal.	50
	Anhydrite: White crystalline.	30
	Find no cut.	
9145 - 9150	Dolomite/Limestone: Dark brown, anhydrite infilling.	10
	Limestone: Brown, pelmicrite, occasionally oolitic, much spar infilling, to chalky.	70
	Anhydrite: White, soft to crystalline.	20
	Faint cut (crushed, when wet)	
9150 - 9155	Dolomite/Limestone: Dark brown, mix of crystalline dolomite, limestone clasts.	10
	Limestone: Brown to brown, micrite to clasts in spar, varies to light buff chalky. Anhydrite infilling.	75
	Anhydrite:	15
	Faint residual cut (wet pinch crushed).	
9155 - 9160	Limestone: Buff, slightly chalky, pelletal to clasts, some anhydrite, tight, faint cut, crushed.	
	Gas down to 10u at 9154.	
9160 - 9165	Dolomite/Limestone: Dark brown, very limey but crystalline in part. Anhydrite infilling.	5
	Limestone: Buff, as above. Some anhydrite.	90
	Anhydrite:	5
	No cut.	
9165 - 9170	Dolomite/Limestone: Brown, dark brown, very fine crystalline, limestone fragments, clasts. No sucrosic. Some anhydrite.	5
	Limestone: Buff, mottled, finely pelletal. Anhydrite inclusions. Varies to chalky.	5
	Anhydrite:	5
9170 - 9175	Limestone: Very mottled, as above.	80
	Anhydrite:	15
	Dolomite/Limestone: Dark brown, as above.	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. Some oolspar.	55
9330 - 9340	Limestone: Dark brown to light buff, very mottled, rather soft, chalky with styolitic 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 stylolitic 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 styolitic material.	99+
	Chert: Milky white.	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.	99+
	Chert: Light gray, mottled, occasionally pyritic.	Tr
9590 - 9600	Limestone: As above.	99+
	Chert: Dirty gray brown.	*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.	30
	Limestone: Very light mottled, chalky. Some biodebris. Occasionally siliceaous. Dry pinch gives fair cut.	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.	50
	Limestone: Light buff, to medium gray brown, very mottled to mottled fragments in chalk.	50
9680 - 9690	Dolomite: Limey, dark gray brown, very fine crystalline, very mottled.	20
	Limestone: Light buff, to off-white, very mottled, fragmental, to calcite, to chalky; also dark micrite fragments. Some biodebris. Slow to moderate cut from pinch.	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

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 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
Clerk II

cj

900 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58505 701-224-2969

(13)

NORTH DAKOTA STATE INDUSTRIAL COMMISSION
Oil and Gas Division
900 East Boulevard, Bismarck, ND 58505

WELL COMPLETION OR RECOMPLETION REPORT
(Submit in Triplicate)

Designate type of completion: OIL WELL [XX] GAS WELL [ ] OTHER _____ SAME RESVR [ ]

NEW WELL [XX] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] OTHER _____ DIFF. RESVR [ ]

Well File No.: 11745

Date Issued: 9/30/85

Well Name & No.: Basic Game & Fish #34-3

Spacing (Unit Description): 160 acres SE¼ Sec. 3, T153N, R101W

Field: Baker

Pool: Madison

Wildcat, Development: Development

County: McKenzie

T16H HOLE

OPERATOR: Basic Earth Science Systems, Inc.

ADDRESS: P. O. Box 3088, Englewood, CO 80155

LOCATIONS (Show quarter-quarter, footages, and section, township and range.)
At surface: SW¼SW¼, 392' FSL, 494' FWL, Sec. 2, T153N, R101W
At top prod. interval, reported below: SE¼SE¼, 563' FEL, 535' FSL, Sec. 3, T153N, R101W
At total depth: SE¼SE¼, 655' FEL, 543' FSL, Sec. 3, T153N, R101W

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): 9,234' - 9,254'
9,126' - 9,146 TVD Nesson

No. of DST's Run (see back): 1

Date Directional Survey Submitted: N/A

TYPE ELECTRIC AND OTHER LOGS RUN (See instructions): DLL, FDC-CNL, CBL, BHC

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

Size	Top (MD)	Bottom (MD)	Sacks Cement	Screen (MD)

TUBING RECORD

Size	Depth Set (MD)	Packer Set (MD)
2-7/8"	9,225'	9,194'

PERFORATION RECORD

Depth Interval (MD)	Holes per ft.	Size and Type	Purpose
9,234-9,254	4 JSPF	.45 EHD	Production

ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

Amt. & Kind of Material Used	Depth Interval (MD)
71 bbl 15% HCL	9,234-9,254'

PRODUCTION

Date First Production: 1-19-86

Producing Method (Flowing, gas, lift, pumping - size & type of pump): Flowing

Well Status (Prod. or shut-in): 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)
Oil - Koch Oil Company
Gas- Flared
Transporter - Matador

Test Witnessed By: Steve Poeckes

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 appeared Jeffery 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.

Notary Seal

Ila J. Beale
Notary Public
State of Colorado County of Arapahoe
My 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.

basic 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: ¼", 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. intermittant 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 H_2S 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.

FORM 8

Well File No. 11745

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, Inc. FIELD Wildcat POOL Madison

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 NOTICE

THE 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)

Jeffery E. Jones Vice President
(Signature) (Title)
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, Notary
Notary Public in and for the state of Colorado.

My Commission expires 10/21/88

Approved by: _____ FEB 3 1986
(Deputy Enforcement Officer) (Date)

(Instructions Over)

FORM 4

Well File No. 11745

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505

RECEIVED FEB 1986

SUNDRY NOTICES AND REPORTS ON WELLS

1. Notice of Intention to Drill or Redrill
2. Notice of Intention to Change Plans
3. Notice of Intention to Pull Casing
4. Notice of Intention to Abandon Well
5. Report of Water Shut-Off
6. Report of Shooting or Acidizing
7. Report of Casing
8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
12. Perforating & Prod. Casing

NAME OF LEASE Basic Game & Fish Date January 30, 19 86

WELL NO. #34-3 surface 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. NOW flush ahead of 122 bbls. class G w/35% silica flour, .8% FL2, .2% R5, 10% salt & ¼#/sx celloflake. Displaced w/188 bbls clean salt water. Bumped plug t0 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.

Address P.O. Box 3088, Englewood, CO 80155

By Jeffery E. Jones

Title Vice President

Do not write in this space

Approved FEB 3 1986 19

By

Title

(Instructions Over)

BAKER

TECHNICAL SERVICES, Security Life Bldg. • Suite 1350 • 1616 Glenarm • Denver, Colorado 80202 • Phone: (303) 573-8027

11-15

Contractor	McKay Drilling	Top Choke	1/4"	Flow No. 1	10 Min.
Rig No.	59	Bottom Choke	3/4"	Shut-in No. 1	60 Min.
Spot	--	Size Hole	8 3/4"	Flow No. 2	90 Min.
Sec.	3	Size Rat Hole	--	Shut-in No. 2	180 Min.
Twp.	154N	Size & Wt. D. P.	4½" XH 16.60#	Flow No. 3	-- Min.
Rng.	101W	Size Wt. Pipe	--	Shut-in No. 3	-- Min.
Field	Skunk Hollow	I. D. of D. C.	2½"		
County	McKenzie	Length of D. C.	608 ft.	Bottom Hole Temp.	247°F
State	North Dakota	Total Depth	9259 ft.	Mud Weight	10.5#
Elevation	1868.6 ft.	Interval Tested	9229-9259 ft.	Gravity	--
Formation	Mission Canyon	Type of Test	Bottom Hole Conventional	Viscosity	37

Tool opened @ 11:00 a.m.

Operator Basic Earth Science Systems Inc.
Address P.O. Box 3088 Englewood, CO 80150
Well Name and No. Game & Fish #34-3
Ticket No. 21965
Date 11-16-85
DST No. 1
No. Final Copies 17

Inside Recorder

PRD Make Kuster K-3
No. 16815 Cap. 6100 @ 9206'

		Press Corrected
Initial Hydrostatic	A	4993
Final Hydrostatic	K	4983
Initial Flow	B	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	--

Lynes Dist.: Dickinson, ND
Our Tester: Terry Tucker
Witnessed By: Tom Hopkin

Did Well Flow – Gas Yes Oil No Water No

Ran 5 gallons amminia 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"

basic 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

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
2. Notice of Intention to Change Plans
3. Notice of Intention to Pull Casing
4. Notice of Intention to Abandon Well
5. Report of Water Shut-Off
6. Report of Shooting or Acidizing
7. Report of Casing
8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
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.

Address P.O. Box 3088, Englewood, CO 80155

By Jeffery E. Jones

Title Vice President

Do not write in this space

Approved NOV 1 1985 19

By

Title

(Instructions Over)

basic 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.

FORM 4

TIGHT HOLE

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
2. Notice of Intention to Change Plans
3. Notice of Intention to Pull Casing
4. Notice of Intention to Abandon Well
5. Report of Water Shut-Off
6. Report of Shooting or Acidizing
7. Report of Casing
8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
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, ¼#/sx flocele. Tail in w/250 sx class G, 2% CaCl, ¼#/sx celloseal. Displace w/227 bbls mud, good returns. Bump plug to 2000 psi, float held.

Company Basic Earth Science Systems, Inc.

Address P.O. Box 3088, Englewood, CO 80155

By Jeffery E. Jones

Title Vice President

Do not write in this space

Approved OCT 29 1985 19

By F E Williams

Title

(Instructions Over)

basic 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

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8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
12. Well File Replacement

NAME OF LEASE Basic Game & Fish Date October 23, 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)

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.

Address P.O. Box 3088, Englewood, CO 80155

By Jeffery E. Jones

Title Vice President

Do not write in this space

Approved OCT 25 1985 19

By F E Williams

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
Deputy Enforcement Officer

FEW:lb

basic Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

11745

October 23, 1985

North Dakota Industrial Commission
Oil and Gas Division
900 East Boulevard
Bismarck, ND 58505

Attention: Ms. Connie Junker

Re: Basic Game & Fish #34-3
SW¼SW¼ 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 #14-2 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

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 X .

Type of well: Oil X, 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 TENNANT: North Dakota Game & Fish

WELL NAME AND NO.: Basic Game & Fish #34-3

LOCATION OF WELL: Qtr.-Qtr., SW¼SW¼ Sec., 34 Twp., 153N Rge., 101W COUNTY: McKenzie

Surface location is 392 feet from (N) (S) section line and 494 feet and from (E) (W) section line.

If directional, top of pay is 900 feet from (N) (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 S½

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	Production Secretary	September 20, 1985
Signature	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.

Ila J. Beale
Notary Public

My Commission expires October 21, 1988

Notary Seal

FOR STATE USE ONLY

API NO. 33-053-02102

PERMIT NO. & WELL FILE NO. 11745

APPROVAL DATE: SEP 30 1985

BY: Ed Brown

(SEE INSTRUCTIONS ON REVERSE SIDE)

Exhibit 3

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 Meridion, 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

LEO J. HORGAN REGISTERED LAND SURVEYOR 2883 NORTH DAKOTA

Date: 9-4-85

Leo J. Horgan

Licensed Land Surveyor No. 2883
Stote of North Dakota

DRILLING PROGNOSIS

Basic Game & Fish #34-3
SW¼SE¼ 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

Formation	True Vertical Depth	Subsea Depth
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

Size	Grade	Weight/Ft	Thread	Setting Depth
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.

Depth	Weight	Viscosity	Fluid Loss	Salinity
0-2000	8.5-9.0	Sweeps	N/C	Fresh
2000-4950	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.

basic Earth Science Systems, Inc.

P.O. Box 3088
Englewood, Colorado 80155
(303) 792-5230

September 20, 1985

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
SW¼SE¼ 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

FORM 4

Well File No. 11745

North Dakota Industrial Commission
Oil and Gas Division
900 East Blvd., Bismarck, North Dakota 58505

SUNDRY NOTICES AND REPORTS ON WELLS

1. Notice of Intention to Drill or Redrill
2. Notice of Intention to Change Plans
3. Notice of Intention to Pnll Casing
4. Notice of Intention to Abandon Well
5. Report of Water Shut-Off
6. Report of Shooting or Acidizing
7. Report of Casing
8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
12. Rescind Application for Permit to Drill

NAME OP LEASE Burk Date 9-26- ,19 85

WELL NO. 15-3 is located 250 ft. from (N) (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

Address P. O. Box 2536, Billings, MT 59103

By Gary L Evertz

Title Engineer

Do not write in this space
SEP 27 1985

Approved 19

By

Title

(Instruction Over)

FORM 4

Well File No. 11745

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA

RECEIVED SEP 1985 N. D. OIL & GAS DIVISION

SUNDRY NOTICES AND REPORTS ON WELLS

1. Notice of Intention to Drill or Redrill
2. Notice of Intention to Change Plans
3. Notice of Intention to Pull Casing
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5. Report of Water Shut-Off
6. Report of Shooting or Acidizing
7. Report of Casing
8. Report of Redrilling or Repair
9. Supplementary History
10. Well Potential Test
11. Drilling Prognosis
12. Well Name Change

NAME OF LEASE (Heen #15-3) Burk #15-3 Date September 10, 19 85

WELL NO. #15-3 is located 250' ft. from (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

Address P. O. Box 2536
Billings, MT 59103

By Gary F. Evertz

Title Engineer

Do not write in this space

Approved SEP 12 1985 19

By F E Williams

Title

(Instructions Over)

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.

Enclosed is Permit No. 11745 to drill the ~~Been~~ BURK #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

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 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~~ BURK well, Permit No. 11745, is hereby given.

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

N. D. OIL & GAS DIVISION

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

FORM 1

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505

SEP 1985 RECEIVED N. D. OIL & GAS DIVISION

APPLICATION FOR PERMIT TO DRILL - REVISED

(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 X .

Type of well: Oil X, gas _____, disposal _____, injection _____, others _____.

NAME OF OPERATOR: NANCE PETROLEUM CORPORATION

ADDRESS: P. O. Box 2536, Billings, MT 59103

NAME AND ADDRESS OF SURFACE OWNER OR TENNANT: North Dakota Fish and Game

WELL NAME AND NO.: Burk #15-3

LOCATION OF WELL: Qtr.-Qtr., SWSE Sec., 3 Twp., 153N Rge., 101W COUNTY: McKenzie

Surface location is 250 feet from (N) (S) section line and 2171 feet and from (E) (W) section line.

If directional, top of pay is 1320 feet from (N) (S) section line and 1320 feet and from (E) (W) section line.

Distance from proposed location to nearest spacing (drilling) unit line 250 ft.

Distance from proposed location to nearest permitted or completed well in the same pool is 4500 ft.

Acres in spacing (drilling) unit 320 Description of spacing unit is Section 3: E/2, T153N, R101W

ELEVATION: 1850 (GROUND) _____ (GRADED) ESTIMATED TOTAL DEPTH: 13,500'

PROJECTED HORIZON (Pool Name): Red River APPROXIMATE DATE WORK WILL START: 12/1/85

REMARKS: Top of the pay at the Mission Canyon will be at least 500' fsl and 2140' fel.

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

Signature	Title	Date
Gary L Evertz	Engineer	September 6, 1985

STATE OF Montana)
) SS
COUNTY OF Yellowstone)

On this 6th day of September, 1985, before me personally appeared Gary L. Evertz 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.

Notary Public

My Commission expires August 21, 1987

FOR STATE USE ONLY

API NO. 33-053-02102

PERMIT NO. & WELL FILE NO. 11793

APPROVAL DATE: SEP 9 1985

BY: [illegible]

Notary Seal

(SEE INSTRUCTIONS ON REVERSE SIDE)

FORM 1

North Dakota State Industrial Commission
Oil and Gas Division
900 EAST BOULEVARD - BISMARCK, NORTH DAKOTA - 58505

RECEIVED N. D. OIL & GAS DIVISION

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 X .

Type of well: Oil X, gas _____, disposal _____, injection _____, others _____.

NAME OF OPERATOR: NANCE PETROLEUM CORPORATION

ADDRESS: P. O. Box 2536, Billings, MT 59103

NAME AND ADDRESS OF SURFACE OWNER OR TENNANT: North Dakota Fish and Game

WELL NAME AND NO.: ~~Heen~~ #15-3

LOCATION OF WELL: Qtr.-Qtr., SWSE Sec., 3 Twp., 153N Rge., 101W COUNTY: McKenzie

Surface location is 250 feet from (N) (S) section line and 2171 feet and from (E) (W) section line.

If directional, top of pay is ~~660~~ 1320 feet from (N) (S) section line and ~~1980~~ 1310 feet and from (E) (W) section line.

Distance from proposed location to nearest spacing (drilling) unit line 250 ft.

Distance from proposed location to nearest permitted or completed well in the same pool is 4500 ft.

Acres in spacing (drilling) unit 320 Description of spacing unit is Section 3: E/2, T153N, R101W

ELEVATION: 1850 (GROUND) _____ (GRADED) ESTIMATED TOTAL DEPTH: _____

PROJECTED HORIZON (Pool Name): Red River APPROXIMATE DATE WORK WILL START: 1 Dec 85

REMARKS: _____

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

Gary L Evertz	Engineer	September 3, 1985
Signature	Title	Date

STATE OF Montana)
COUNTY OF Yellowstone) SS

On this 3rd day of September, 19 85, before me personally appeared Gary L. Evertz 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.

Notary Public

My Commission expires August 21, 1987

Notary Seal

FOR STATE USE ONLY

API NO. 33-053-02102

PERMIT NO. & WELL FILE NO. 11745

APPROVAL DATE: SEP 6 1985

BY: F E Wilson

(SEE INSTRUCTIONS ON REVERSE SIDE)

UNGRADED GROUND ELEVATION: 1850'

DATE: August 20, 1985

SCALE:
1" = 1000'

SEP 1985
RECEIVED
N. D. OIL & GAS
DIVISION

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 #1556

BRYAN BEGGS
REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR
1556
NORTH DAKOTA

BURK

WELL: ~~Heen~~ 15-3

COMPANY: Nance Petroleum

QUARTER: SW¼ SE¼ 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~~ Bakke #15-3
Location: (SWSE), 250' fsl, 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	SIZE CASING	WEIGHT	GRADE	DEPTH SET AT	SACKS 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 Geolograph from surface to total depth.

LOGGING PROGRAM

COMPANY	TYPE	INTERVAL
	DLL - GR	SC to TD
	Sonic/GR	SC to TD
	FDC/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

9/3/85

SFN 5737

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.

Well file OK 2-19-87 RE

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.
Geological Reports	yes. enclosed
Core Analysis Reports	none
Logs	Mud 11-29-85 CBL, FDL, DLL, PDC 3-3-86 BHC 2-7-86 Cyberlook

~~missing Cyberlook Casing Collar logs.~~

~~Complete DST Report~~

PERMIT NO. 11745 ISSUED: RENEWAL 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 noticed

If Plugged and Abandoned: Is drill site acceptable for bond release? Yes ____ No ____
If no, please explain below.

SFN 5737

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	

PERMIT NO. 11745 ISSUED: RENEWAL 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 noticed

If Plugged and Abandoned: Is drill site acceptable for bond release? Yes ____ No ____
If no, please explain below.

SFN 5737

CHECK SHEET

DATE: September 6, 1985 FILE NO. 1174

COMPANY: Nance Petroleum Corporation

WELL NAME: ~~Heen~~ Poe 2K #15-3

LOCATION: SW SE Sec.3-153N-101W, McKenzie Co.

Permit Fee	X
Application to Drill	X X amended.
Organization Report	X
$100,000 Bond	
$50,000 Bond	X
$15,000 Bond	
Certified Plat	X 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 Cancel per operator Form 4 dated 9-26-85

PERMIT NO. 11745 ISSUED: 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.

SFN 5737

CHECK SHEET

DATE: September 6, 1985 FILE NO. 11745

COMPANY: Nance Petroleum Corporation

WELL NAME: ~~Heen~~ BURK #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. 11745 ISSUED: 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.