

CERTIFICATE OF COMPLIANCE  
AND TRANSPORTATION AUTHORITY

P-4

5/02

www.rrc.state.tx.us

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule <b>GIDDINGS (AUSTIN CHALK-3)</b>		2. Lease name as shown on proration schedule <b>FICKEY-LARD UNIT</b>		
3. Current operator name exactly as shown on P-5 Organization Report <b>MAGNOLIA OIL &amp; GAS OPERATING LLC</b>		4. Operator P-5 no. 521544	5. Oil Lease/Gas ID no. 21893	6. County BRAZOS
8. Operator address including city, state, and zip code  ATTN REGULATORY COMPLIANCE 1001 FANNIN SUITE 400 HOUSTON, TX 77002		9. Well no(s) (see instruction E)  1		
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		11. Effective Date 08/01/2018
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)				
<p>a. Change of: <input checked="" type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code</p> <p><input type="checkbox"/> field name from: _____ <input type="checkbox"/> lease name from: _____</p> <p>OR _____</p>				
<p>b. New RRC Number for: <input type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____</p>		<p>Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)</p>		
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).				
Gatherer Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)			Purchaser's RRC Assigned System Code
X	ENERVEST OPERATING, L.L.C.			0001
X	ENERGY TRANSFER COMPANY			
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).				
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)			Percent of Take	RRC USE ONLY
SUNOCO PTNRS. MKTG.& TERMINALS LP			100	Reviewer's initials: <i>SL</i>
				Approval date: <i>8-15-18</i>
15. PREVIOUS OPERATOR OR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.				
<p>ENERVEST OPERATING, L.L.C.</p> <p>Name of Previous Operator <b>SHIRLEY GALIK</b> Name (print) SR REGULATORY ANALYST</p> <p>Title</p> <p><i>Shirley Galik</i> Signature</p> <p><input checked="" type="checkbox"/> Authorized Employee of previous operator</p> <p>08/01/2018</p> <p>Date</p> <p>713-659-3500</p> <p>Phone with area code</p>				
<p>16. CURRENT OPERATOR OR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.</p> <p>JOAN GALLAGHER</p> <p>Name (print) <b>JOAN M GALLAGHER</b> Title jag Gallagher@mgyoil.com</p> <p>E-mail Address (optional)</p> <p><i>Joan M Gallagher</i> Signature</p> <p><input checked="" type="checkbox"/> Authorized Employee of current operator</p> <p>08/01/2018</p> <p>Date</p> <p>713-842-9050</p> <p>Phone with area code</p>				

**CERTIFICATE OF COMPLIANCE  
AND TRANSPORTATION AUTHORITY**

P-4

5/02  
EAG0502

READ INSTRUCTIONS ON BACK

1 Field name exactly as shown on proration schedule <b>GIDDINGS (AUSTIN CHALK-3)</b>	2 Lease name as shown on proration schedule <b>FICKEY-LARD UNIT</b>	
3 Current operator name exactly as shown on P-5 Organization Report <b>EnerVest Operating LLC</b>	4 Operator P-5 no <b>252131</b> 5. Oil Lse/Gas ID no. <b>21893</b> 6 County <b>BRAZOS</b> 7. RRC district <b>3</b>	
8. Operator address including city, state, and zip code <b>1001 Fannin Street Suite 800 Houston, TX 77002</b>	9 Well no(s) (see instruction E) <b>1</b>	
a Change of: <input checked="" type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> field name from: _____ <input type="checkbox"/> lease name from: _____	10 Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)	11 Effective date <b>08-01-07</b>
12 Purpose of Filing. (Complete section a or b below) (See instructions B and G)		
a New RRC Number for: <input type="checkbox"/> oil lease <input type="checkbox"/> gas well      Due to: <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)		

13 Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s) (See Instruction G)					
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
x		Energy Transfer Co.	RECEIVED	100	
x		EnerVest Operating, LLC	RECEIVED	0001	100
			100		
			RECEIVED		
			TEXAS		

14 Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).	RRC USE ONLY
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Reviewer's initials <i>DR</i>
SUNOCO PARTNERS MKTG & TERMINALS	Approval date. <i>7/31/07</i>

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

ANADARKO E & P COMPANY LP

Name of Previous Operator

Bertha Nefe

Name (print)

Regulatory Affairs Supervisor

Title

Signature

*Bertha Nefe*

Date

06-26-07

832-636-3362

Phone with area code

Authorized Employee of previous operator     Authorized agent of previous operator (see instruction G)

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Ronnie L. Young

Name (print)

Regulatory Compliance Coordinator

Title

Signature

*Ronnie L. Young*

Date

7/23/07

713-495-6530

Phone with area code

Authorized Employee of current operator     Authorized agent of current operator (see instruction G)

## RAILROAD COMMISSION OF TEXAS

## OIL AND GAS DIVISION



JAMES E. (JIM) NUGENT,  
CHAIRMAN  
MARY SCOTT NABERS, COMMISSIONER  
BARRY WILLIAMSON, COMMISSIONER

DAVID M. GARLICK  
DIRECTOR

1701 N. CONGRESS

CAPITOL STATION - P.O. BOX 12967 AUSTIN, TEXAS 78711-2967

(512) 463-7288

03/08/93

FORM P-4 NOTIFICATION (OIL LEASE)  
(RECORDS DEPARTMENT COPY)

## RAILROAD COMMISSION OF TEXAS

\*  
THE FOLLOWING RRC FORM P-4 "PRODUCER'S CERTIFICATE OF COMPLIANCE AND  
AUTHORIZATION TO TRANSPORT OIL AND/OR CASINGHEAD GAS FROM AN OIL LEASE  
OR GAS AND/OR CONDENSATE FROM A GAS WELL" CHANGING:

FROM: FERGUSON-BURLESON CTY G. G. S. TO: AUSTIN CHALK NAT GAS MKT SERV  
P O BOX 1329 PO BOX 4000  
SPRING TX 77383-1329 SPRING TX 77387-4000

HAS BEEN APPROVED ON MARCH 8, 1993 .

\*  
THE CURRENT OPERATOR OF THIS LEASE IS:

UNION PACIFIC RESOURCES COMPANY	P-5 NO. 876645
PO BOX 7, MS 3407%J R CARTER JR	PHONE: (817)877-7957
FORT WORTH TX 76101-0007	

\*  
DISTRICT : 03 FIELD NAME: GIDDINGS (AUSTIN CHALK-3)  
COUNTY : BRAZOS FIELD NO. : 34733500  
EFF. DATE: 03/01/93 LEASE NAME: FICKEY-LARD UNIT  
LEASE NO : 21893

FOR THE PURPOSE OF: AUTOMATIC P-4, CHANGE OF PURCHASER, CHANGE OF NOMINATOR

NAMED ON THE P-4:

TYPE	NAME	CODE	PRODUCT	MARKET	% OF TAKE
GATHERER	PRIDE PIPELINE COMPANY	PRIDP	OIL		100.00
GATHERER	FERGUSON-BURLESON CTY G. G. S.	FERBU	CAS	INTRA	100.00
PURCHASER	AUSTIN CHALK NAT GAS MKT SERV SYSTEM: 0005 BRAZOS COUNTY	037066	CAS	INTRA	100.00
NOMINATOR	AUSTIN CHALK NAT GAS MKT SERV	037066	CAS	INTRA	100.00

PLEASE NOTIFY THE AUSTIN OFFICE OF THE RAILROAD COMMISSION IF ANY OF THE  
ABOVE INFORMATION IS NOT CORRECT.

*James W. Walker, Jr.*

APPROVED BY  
JAMES W. WALKER, JR.  
DIRECTOR, PRODUCTION ALLOCATION

CC: RRC-03, AND ALL NAMED PARTIES

PRODUCER'S TRANSPORTATION AUTHORITY  
AND CERTIFICATE OF COMPLIANCE

FORM P-4

5/90

READ INSTRUCTIONS ON BACK

1 Field name exactly as shown on proration schedule <b>GIDDINGS (AUSTIN CHALK-3)</b>	2 Lease name <b>FICKEY -LARD UNIT</b>		
3 Operator name exactly as shown on P-5 Organization Report <b>UNION PACIFIC RESOURCES COMPANY</b>	4 Operator P-5 no. <b>876645</b>	5 Oil lease no. <b>21873</b>	6. RRC district no. <b>03</b>
7 Operator address including city, state, and zip code <b>P.O. BOX 7 MS 3407 FORT WORTH, TX 76101</b>	8 County in which oil lease or gas well is actually located <b>BRAZOS</b>	9 Gas ID no.	10. Gas well no
		11 Effective date	

12 GAS WELL GAS OR CASINGHEAD GAS. Additional space and example on reverse side

Type Operation	Name of gatherer, purchaser, and/or nominator as indicated in type operation columns			RRC USE ONLY G/P/N Code	Purchaser's RRC Assigned System Code	Pur- chaser's Market	Percent of Take	
	gatherer	purchaser	nominator					
X      X	FERGUSON BURLESON CO. GGS				0005	X      100		

13 NAME OF OIL OR CONDENSATE GATHERER  
List highest volume gatherer first

PRIDE PIPELINE COMPANY	Percent of Take 100	RRC USE ONLY Gath code	14 PURPOSE OF FILING Remarks

RRC USE ONLY	c. CHANGE FROM
Approved (initials) <u>WJ</u>	Operator _____
Date <u>2/22/93</u>	Field Name _____
Remarks: _____	Lease Name _____

- a.  New oil lease  New gas well
  - Reclassification (oil to gas or gas to oil)
  - Consolidation, unitization or subdivision
  - b. CHANGE  Gatherer  Nominator
  - Purchaser  Purchaser's system code
- DEC 1993  
REC'D  
RRC OF TEXAS  
HOUSTON, TX

15 OPERATOR CHANGE Being the PREVIOUS OPERATOR, I certify that operating responsibility for wells located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Previous Operator \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_ Name (Print) \_\_\_\_\_

Title \_\_\_\_\_ Phone (\_\_\_\_\_) \_\_\_\_\_

Address with city/state/zip \_\_\_\_\_

16 CURRENT OPERATOR'S CERTIFICATION. By signing this certificate as the CURRENT OPERATOR, I acknowledge responsibility for the regulatory compliance of the subject lease, INCLUDING PLUGGING OF WELLS if required under Statewide Rule 14. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Signature Karen S. Moss Name (Print) **KAREN S. MOSS**  
Title **REGULATORY ANALYST**

Date **12-04-92** Phone **(817) 877-7957**

I, the Current Operator, certify that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and further certify that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report

**Additional Listings for Gas Well Gas and Casinghead Gas**

Type	Operation	Name of gatherer, purchaser, and/or nominator as indicated in type operation columns NOTE: For each purchaser, give its RRC-assigned system code and identify the market. If applicable, place an "X" in the full-well stream column for the gatherer.	RRC USE ONLY	Purchaser's RRC Assigned System Code	Purchaser's Market	Percent of Take	Full-well stream
Gatherer	Purchaser	Nominator	C/P/N Code	Inter-state Intra-state	Market	State	

**Example**

X	X	All-Tex Gathering Company					25.00	
X	X	Trans-Tex Pipelines, Inc		001	X		75.00	X
X	X	All-Tex Oil and Gas Company		003	X		25.00	
	X	All-Tex Gasco					25.00	

**INSTRUCTIONS**

Form P-4: Producer's Transportation Authority  
and Certificate of Compliance  
Reference: Statewide Rule 58

**Who Files** The operator of any oil, gas well gas, condensate, and/or casinghead gas producing property in the State must file a P-4 for each such property.  
**Purpose of Filing** The P-4 must be filed to

- o Identify all gatherers, purchasers, purchasers' RRC-assigned system codes, and nominators authorized for each oil lease or gas well. NOTE: Except during initial testing, no production may leave the oil lease or gas well until the P-4 has been filed and a letter of approval from the Railroad Commission received by all parties. If, during initial production testing, large quantities of oil or condensate are produced, application may be made on Form P-8: Request for Clearance of Storage Tanks prior to potential test to the appropriate district office for issuance of temporary transportation authority. For initial test purposes, a gas well may produce into a pipeline without a P-4 authorization no more than 30 days.
- o Certify that production from the subject property is in accordance with the laws of Texas and the rules, regulations, and orders of the Commission.
- o Establish status on Commission records as operator of the subject property.
- o Notify the Commission of changes in

Operator (see No. 6, below)      Field Name (see No. 7, below)      Nominator      Lease Name  
Gatherer                              Purchaser System Code              Purchaser              Reclassification (oil to gas or gas to oil)

or when consolidations, unitizations, or subdivisions take place (see No. 5, below).

NOTE: When filing a P-4 for changes, the form must be completed in its entirety, not just in areas being changed.

**What and Where to File** The original only of the P-4 is to be filed with the Railroad Commission in Austin

Oil and Gas Division  
P. O. Drawer 12967 — Capitol Station  
Austin, Texas 78711-2967

**Revocation** This authorization may be revoked by the Commission at any time for failure to comply with the oil and gas laws of the State of Texas and the rules, regulations, and orders of the Railroad Commission of Texas.

**DETAILED INSTRUCTIONS**

1. An effective date is required only when the P-4 is filed for changes.
2. For split connections, percentages of take must be given to no more than two decimal points. Combined percentages for gas or liquid gatherers must equal 100 percent; combined percentages for gas purchasers must equal 100 percent; and, combined percentages for gas nominators must equal 100 percent.
3. An RRC-assigned system code and market identification must be given for each purchaser listed in No. 12. If gas is going full-well stream to a processing plant, an "X" is to be placed in the last column on the line naming the gatherer of that gas.
4. If additional space is required for listings, use an attachment in the same format as Items 12 and 13, including blank areas for Railroad Commission use.
5. The following attachments must be filed for a consolidation, subdivision, or unitization:
  - Form P-6
  - Before and after plats showing changes, distances to lease line and between wells, and, if acreage is in the field's allocation formula, proration units assigned.
  - A letter certifying that there is no overproduction on the subject leases at the time of application.
6. For changes of operator:
  - The Previous Operator must complete Item 15. If impossible, leave blank and attach a letter of explanation and supporting documentation.
  - The Current (new) Operator must have a Form P-5 Organization Report on file with the Commission.
  - If a SWR 14(b)(2) plugging extension has already been granted or is required on the subject property or any well on that property, the Current (new) Operator must make arrangements for a new extension before the P-4 change can be approved.
  - Responsibility for ALL wells on an oil lease is to be transferred. Otherwise, the lease must be subdivided.
  - After the P-4 is filled out and signed by both the Previous Operator and the Current Operator, the Previous Operator should file the P-4 with the Commission or ensure that it is filed immediately. NOTE: Responsibility for plugging and all other regulatory compliance obligations will not transfer from the Previous Operator to the Current Operator until the P-4 is filed with and approved by the Commission.
7. Field name changes, that is, transfers, must be reviewed by technical staff. If supporting documents are required, the operator will be notified.
8. To change a gas well number, submit a Form G-1 or a letter of request; do not use Form P-4.

## RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Type or print only

Form W-2

Rev. 4.1/83

483-046

Horizontal

API No. 42-041-31666

7. RRC District No.  
03

8. RRC Lease No.

21893

9. Well No.  
110. County of well site  
BRAZOS

11. Purpose of filing

Initial Potential Retest Reclass Well record only  
(explain in Remarks) 

## Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) <b>GIDDINGS (AUSTIN CHALK-3)</b>	2. LEASE NAME <b>FICKEY-LARD UNIT</b>	9. Well No. 1	
3. OPERATOR'S NAME (Exactly as shown on Form P-5. Organization Report) <b>UNION PACIFIC RESOURCES COMPANY</b>	RRC Operator No. 876645	10. County of well site BRAZOS	
4. ADDRESS P.O. BOX 7 MS 3407 FORT WORTH, TX 76101	11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/>		
5. If Operator has changed within last 60 days, name former operator N/A			
6a. Location (Section, Block, and Survey) T.J. WOOTEN A-59	6b. Distance and direction to nearest town in this county. 4.6 MILES SSW FROM BRYAN, TX		
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR N/A	GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.
13. Type of electric or other log run GAMMA RAY	14. Completion or recompletion date 10-28-92		

## SECTION I: POTENTIAL TEST DATA    IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 11-23-92	16. No of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump) FLOWING		18. Choke size 26/64
19. Production during Test Period	Oil - BBLS 624	Gas - MCF 1036	Water - BBLS 834	Gas - Oil Ratio 1660
20. Calculated 24- Hour Rate	Oil - BBLS 624	Gas - MCF 1036	Water - BBLS 834	Oil Gravity-API-60° 42.0
21. Was swab used during this test?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	22. Oil produced prior to test (New & Reworked wells) 2393		23. Injection Gas-Oil Ratio

REMARKS:

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

## WELL TESTER'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

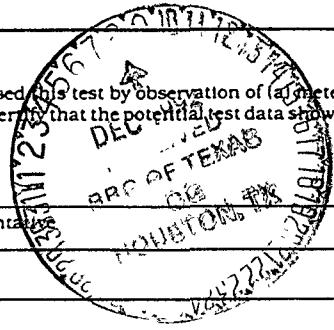
David West

Signature: Well Tester

UPRC

Name of Company

RRC Representative



## OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

KAREN S. MOSS

REGULATORY ANALYST

Typed or printed name of operator's representative

(817)877-7957

12 / 04 / 92

Title of Person

Telephone: Area Code

Number

Date: mo. day year

Signature

041-31666

X

## SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

JAN 07 1993

PERMIT NO  
2516

## 24 Type of Completion:

New Well Deepening Plug Back Other 25. Permit to Drill  
Plug Back or  
DeepenDATE  
08-24-92CASE NO.  
2516

## 26 Notice of Intention to Drill this well was filed in Name of

UNION PACIFIC RESOURCES COMPANY

27. Number of producing wells on this lease in this field (reservoir) including this well  1		28. Total number of acres in this lease  244.85		29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 09-24-92 Completed 10-21-92		30. Distance to nearest well, Same Lease & Reservoir N/A		
31. Location of well, relative to nearest lease boundaries of lease on which this well is located		500 Feet From N'lyNW Line and 511 Feet from N'lySW Line of the FICKY-LARD UNIT		32. Elevation (DF, RKB, RT, GR, ETC.) GR: 292' KB: 315'		33. Was directional survey made other than inclination (Form W-12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
34. Top of Pay 8433	35. Total Depth 11894	36. P. B. Depth 11894	37. Surface Casing Determined by: Field Rules	Recommendation of T.D.W.R. Railroad Commission (Special)		X	Dt. of Letter 08-26-92 Dt. of Letter	
38. Is well multiple completion? NO	39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR			GAS ID or OIL LEASE	Oil-O Gas-G	WELL	40. Intervals Drilled by: XX	Rotary Tools Cable Tools
41. Name of Drilling Contractor NABORS & LOFFLAND							42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## 43 CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT#/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL cu. ft.
10 3/4"	40.5#	2025		950 sx "A"	14 3/4"	SURF*	2831.5
				200 sx STD			
7 7/8"	26.7# &	8600	TOOL: 3904	847 sx "A"	9 7/8"	800	2546.71
	26.4#			213 sx "H"			
				SHOE: 8600 298 sx 35:65:2 POZ			375.48

## 44 LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen
NONE				

TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole		
Size	Depth Set	Packer Set	From 8600	To 11894	
2 7/8"	8117'	8100'	From	To	
			From	To	
			From	To	

## 47 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
OPEN HOLE COMPLETION	

## 48 FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
MIDWAY	4868'	AUSTIN CHALK	8433
NAVARRO	5813'		
PEACAN GAP	7343'		

REMARKS \*STOPPED OUT W/50 sx "A" TO SURF.

**RAILROAD COMMISSION OF TEXAS**  
Oil and Gas Division

Type or print only

CORRECTED COPY

*Horizontal*

API No. 42-041-31666

**Form W-2**

Rev. 4/1/83

483-046

### Oil Well Potential Test, Completion or Recompletion Report, and Log

1 FIELD NAME (as per RRC Records or Wildcat) <b>GIDDINGS (AUSTIN CHALK-3)</b>	2. LEASE NAME <b>FICKEY-LARD UNIT</b>	7. RRC District No. <b>03</b>	
3 OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) <b>UNION PACIFIC RESOURCES COMPANY</b>	RRC Operator No. <b>876645</b>	9. Well No. <b>1</b>	
4 ADDRESS <b>P.O. BOX 7 MS 3407 FORT WORTH, TX 76101-0007</b>	10. County of well site <b>BRAZOS</b>		
5 If Operator has changed within last 60 days, name former operator <b>N/A</b>	11. Purpose of filing <input type="checkbox"/> Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input checked="" type="checkbox"/> Well record only (explain in Remarks) <b>X</b>		
6a Location (Section, Block, and Survey) <b>T.J. WOOTEN A-59</b>	6b. Distance and direction to nearest town in this county. <b>4.6 MILES SSW FROM BRYAN, TX</b>		
12 If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. <b>FIELD &amp; RESERVOIR</b>	GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.
N/A			
13. Type of electric or other log run <b>GAMMA RAY</b>	14. Completion or recompletion date <b>10/28/92</b>		

RECORD CODIFICATION FEB 23 1993

#### SECTION I: POTENTIAL TEST DATA    IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15 Date of test <b>11/23/92</b>	16 No of hours tested <b>24</b>	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump) <b>FLOWING</b>		18. Choke size <b>26/64</b>	
19 Production during Test Period	► Oil - BBLS <b>624</b>	Gas — MCF <b>1036</b>	Water - BBLS <b>834</b>	Gas - Oil Ratio <b>1660</b>	Flowing Tubing Pressure <b>800</b> PSI
20 Calculated 24- Hour Rate	► Oil - BBLS <b>624</b>	Gas — MCF <b>1036</b>	Water — BBLS <b>834</b>	Oil Gravity—API—60° <b>42.0</b>	Casing Pressure <b>0</b> PSI
21 Was swab used during this test?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	22. Oil produced prior to test (New & Reworked wells) <b>2393</b>		23. Injection Gas—Oil Ratio	

REMARKS:

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

**WELL TESTER'S CERTIFICATION**

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

*David J. Moss*

**UNION PACIFIC RESOURCES COMPANY**

Signature: Well Tester

Name of Company

RRC Representative

**OPERATOR'S CERTIFICATION**

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

**KAREN S. MOSS**

Typed or printed name of operator's representative

(817) 877-7957

Telephone: Area Code   Number      Date:   mo.   day   year

**SENIOR REGULATORY ANALYST**

Title of Person

*Karen S. Moss*

Signature

*D41-311666*

OK Sh

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion: New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>									
25. Permit to Drill, DATE 8/24/92 PERMIT NO 402516 Plug Back or Deepen CASE NO.									
Rule 37 Exception Water Injection PERMIT NO. Permit									
26. Notice of Intention to Drill this well was filed in Name of <b>UNION PACIFIC RESOURCES COMPANY</b>									
27. Number of producing wells on this lease in this field (reservoir) including this well 1		28. Total number of acres in this lease 244.85		29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 9/24/92 Completed 10/21/92		30. Distance to nearest well, Same Lease & Reservoir N/A			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located GR: 292' KB: 315'		500 Feet From N'LYNW Line and 511 Feet from N'LYSW Line of the FICKEY-LARD UNIT Lease		32. Elevation (DF, RKB, RT, GR, ETC.) GR: 292' KB: 315'		33. Was directional survey made other than inclination (Form W-12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
34. Top of Pay 433	35. Total Depth 11894	36. P. B. Depth 11894	37. Surface Casing Determined by: Field Rules	Recommendation of T.D.W.R. Railroad Commission (Special)	<input checked="" type="checkbox"/>	Dt. of Letter 8/26/92	Dt. of Letter		
38. Is well multiple completion? NO	39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR			GAS ID or OIL LEASE #	Oil—O Gas—G	WELL #	40. Intervals Drilled by: <input checked="" type="checkbox"/>	Rotary Tools	Cable Tools
41. Name of Drilling Contractor NABORS & LOFFLAND							42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
10 3/4"	40.5#	2025		950 SX "A" 200 SX STD	14 3/4"	SURF*	2831.5
7 7/8"	26.7# &	8600	TOOL: 3904	847 SX "A" 213 SX "H"	9 7/8"	800	2546.71
	26.4#						

SHOE: 8600 298 SX 35:65:2 P07

44. LINER RECORD					
Size	TOP	Bottom	Sacks Cement	Screen	
NONE					

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole		
Size	Depth Set	Packer Set	From	To	
2 7/8"	8117'	8100'	From 10,629'	To 11,894'	BHL #1 BHL #2
			ST #1		
			From	To	
			From	To	

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Depth Interval		Amount and Kind of Material Used	
OPEN HOLE COMPLETION			

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
MIDWAY	4868'	AUSTIN CHALK	8433
NAVARO	5813'		
PECAN GAP	7343'		

REMARKS \*STOPPED OUT W/50 SX "A" TO SURF

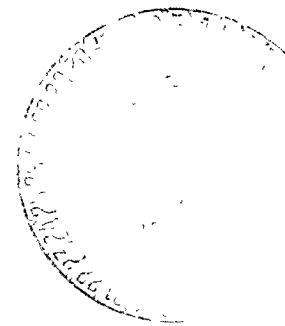
Attachment to Form W-2

Union Pacific Resources Company  
Fickey-Lard Unit #1  
Giddings (Austin Chalk-3) Field  
Brazos County, Texas

BHL: #1 8600' - 10,629'  
SL: 500'FN'LYNWL & 511'FN'LYSWL OF UNIT;  
3673'FSEL & 5184'FNEL OF SURVEY.  
PPL: 500'FN'LYNWL & 490'FN'LYSWL OF UNIT;  
3673'FSEL & 5206'FNEL OF SURVEY.  
BHL: 953'FNEL & 1247'FSEL OF UNIT;  
5723'FNEL & 1247'FSEL OF SURVEY.

BHL: #2 (SIDETRACK #1) 10,629' - 11,894'  
489'FSEL & 740'FNEL OF UNIT;  
489'FSEL & 6100'FNEL OF SURVEY.

SIGNATURE: Karen S. Moss  
KAREN S. MOSS  
UNION PACIFIC RESOURCES COMPANY  
FEBRUARY 2, 1993



STATEMENT OF PRODUCTIVITY OF ACREAGE  
ASSIGNED TO PRORATION UNITS

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the UNION PACIFIC RESOURCES COMPANY OPERATOR,  
FICKEY-LARD UNIT LEASE, No. 1 WELL; that such well is completed in the GIDDINGS (AUSTIN CHALK-3) Field, BRAZOS County, Texas and that the acreage claimed, and assigned to such well for proration purposes as authorized by special rule and as shown on the attached certified plat embraces 244.85 acres which can reasonably be considered to be productive of hydrocarbons.

- CERTIFICATE -

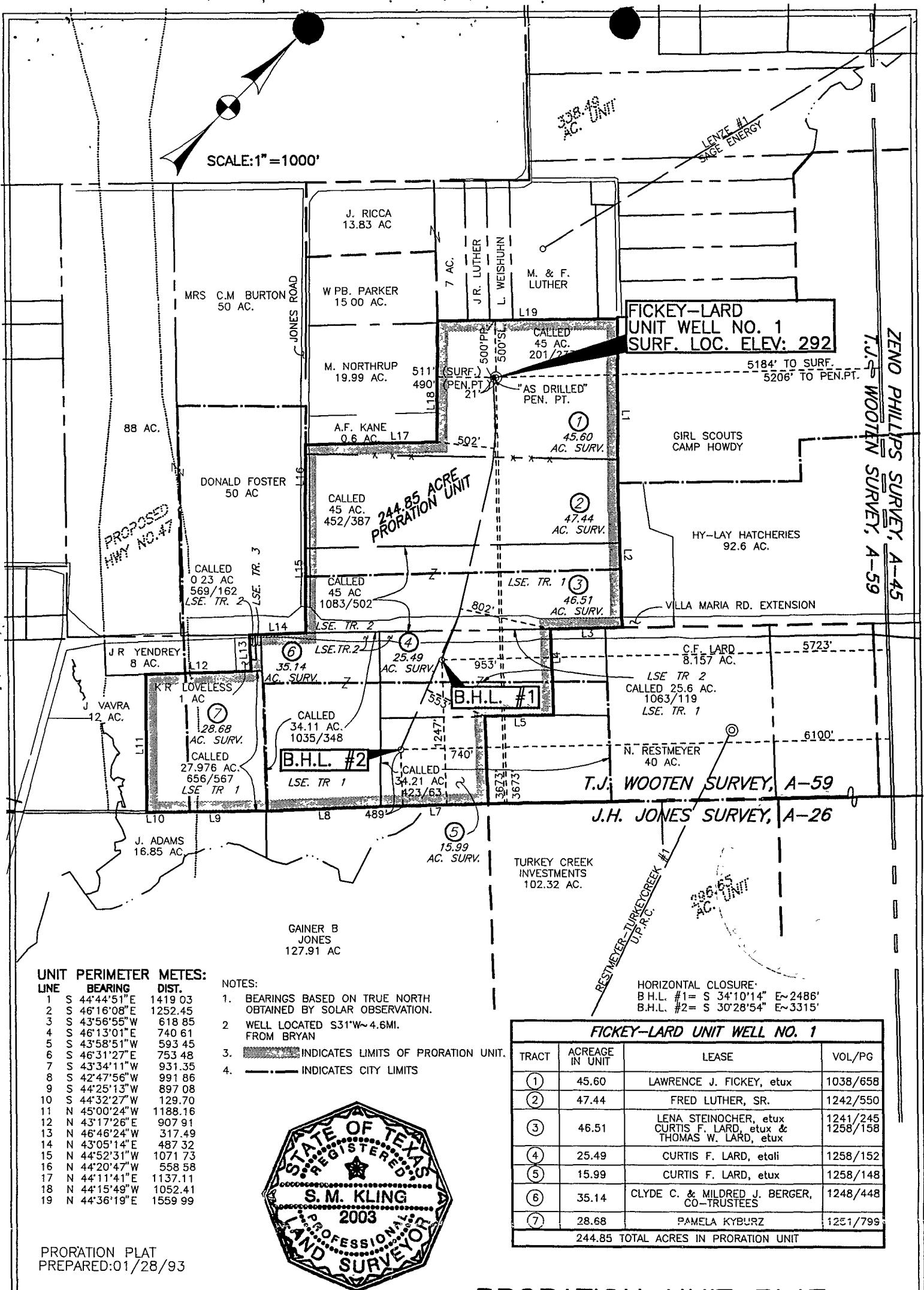
*I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.*

Date 2/2/93

Signature Jeanne Davis

Telephone (817) 877-7957 Title SR. REGULATORY ANALYST

AREA CODE



PRORATION PLAT  
PREPARED: 01/28/93



SURVEYED: AUGUST, 1992

*S.M.Kling*  
BY S.M. KLING R.P.L.S No.2003

**PRORATION UNIT PLAT**  
PURSUANT TO STATEWIDE RULE 86  
FOR GIDDINGS (AUSTIN CHALK-3) FIELD

**FICKEY-LARD UNIT WELL NO. 1**

**UNION PACIFIC RESOURCES COMPANY**

T.J. WOOTEN SURVEY, A-59

BRAZOS COUNTY, TEXAS

SCALE: 1"=1000'

JANUARY, 1993

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

CERTIFICATE OF POOLING AUTHORITY

I, KAREN S. MOSS, being of lawful age, being familiar with the matter, and having full knowledge of the facts set out, do state.

(1) That the acreage claimed for the purpose of establishing a pooled drilling or proration unit under applicable orders of the Railroad Commission of Texas, for the

NAME OF OPERATOR: UNION PACIFIC RESOURCES COMPANY

NAME OF POOLED UNIT: FICKEY-LARD UNIT WELL NO. 1

FIELD: GIDDINGS (AUSTIN CHALK-3), BRAZOS COUNTY,

TEXAS, contains 244.85 acres; that with respect to such pooled unit, as it is hereafter described, parties now owning a mineral interest or mineral interests (including royalty interests, working interests, or other mineral interests) therein either (1) acquired such interest as they now have subject to the provisions of an instrument or instruments now in effect and which permit the pooling of said interests or (2) have, by virtue of the execution of an instrument or instruments the provisions of which are now in effect, pooled such of said interests as they now own therein, in such manner that all of such pooled unit shall be considered by the Commission as one base tract as if all rights with respect thereto has been acquired under a single contract.

(2) That the pooled unit described in the preceding paragraph is made up of and contains the hereafter described individual tracts of land no part of which is embraced within any other pooled unit in the same field and which, by virtue of the pooling agreements referred to in the preceding paragraph, are now contained within the pooled unit herein described.

(3) That where a non-pooled undivided interest exists in any of the individual tracts pooled, that certain non-pooled interest is noted in the margin of this instrument beside the tract description to identify the existence of the non-pooled interests in that tract:

(OVER)

**DESCRIPTION OF INDIVIDUAL TRACTS OR LEASES CONTAINED  
WITHIN POOLED UNIT REFERRED TO IN PARAGRAPH (1) ABOVE**

<b>NAME OF HOLDER OF LEASE</b>	<b>LEASE NAME</b>	<b>NO. OF ACRES</b>	<b>MARGIN</b>
UNION PACIFIC RESOURCES COMPANY	LAWRENCE J. FICKEY, etux	45.60	
UNION PACIFIC RESOURCES COMPANY	FRED LUTHER, SR.	47.44	
UNION PACIFIC RESOURCES COMPANY	LENA STEINOCHER, etux CURTIS F. LARD, etux THOMAS W. LARD, etux	46.51	
UNION PACIFIC RESOURCES COMPANY	CURTIS F. LARD, etali	25.49	
UNION PACIFIC RESOURCES COMPANY	CURTIS F. LARD, etux	15.99	
UNION PACIFIC RESOURCES COMPANY	CLYDE C. & MILDRED J. BERGER	35.14	
UNION PACIFIC RESOURCES COMPANY	PAMELA KYBURZ	28.68	
	TOTAL	<u>244.85</u>	

**CERTIFICATE:**

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

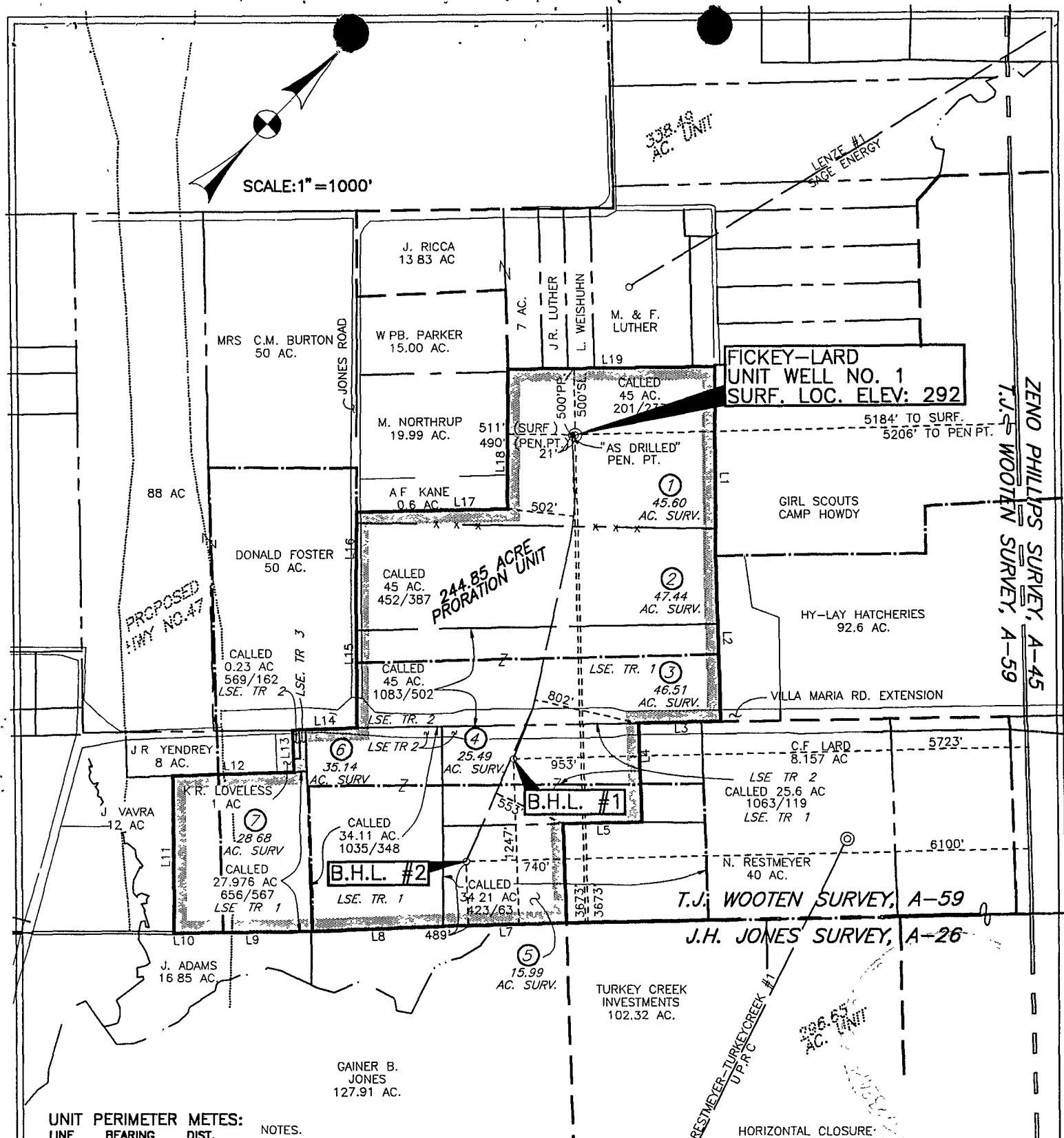
<u>KAREN S. MOSS</u> <i>Karen S. Moss</i> Representative of Operator	SR. REGULATORY ANALYST	2/2/93
	Title	Date
	Telephone <u>817</u>	<u>877-7957</u>
	A / C	Number

**INSTRUCTIONS**

Where two or more tracts are pooled to form either a drilling unit or a proration unit as permitted by Commission regulation, the operator thereof must furnish a certificate of pooling authority at the time action by the Commission is sought either for a permit to drill on a pooled drilling unit or for establishment of an allowable for a well on a pooled proration unit.

SCALE: 1" = 1000'

ZENO PHILLIPS SURVEY, A-45  
T.J. WOOTEN SURVEY, A-59



UNIT PERIMETER METES:

LINE	BEARING	DIST.
1	S 44°44'51"E	1419.03
2	S 46°16'08"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
6	S 46°31'27"E	753.48
7	S 43°34'11"W	931.35
8	S 42°47'56"W	991.86
9	S 44°25'13"W	897.08
10	S 44°32'27"W	129.70
11	N 45°00'24"W	1188.16
12	N 43°17'26"E	907.91
13	N 46°46'24"W	317.49
14	N 43°05'14"E	487.32
15	N 44°52'31"W	1071.73
16	N 44°20'47"W	558.58
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

NOTES.

1. BEARINGS BASED ON TRUE NORTH OBTAINED BY SOLAR OBSERVATION.
2. WELL LOCATED S31°W ~ 4.6 MI. FROM BRYAN
3. [Shaded area] INDICATES LIMITS OF PRORATION UNIT.
4. [Solid line] INDICATES CITY LIMITS

HORIZONTAL CLOSURE:  
B.H.L. #1 = S 34°10'14" E ~ 2486'  
B.H.L. #2 = S 30°28'54" E ~ 3315'

FICKEY-LARD UNIT WELL NO. 1

TRACT	ACREAGE IN UNIT	LEASE	VOL/PG
(1)	45.60	LAWRENCE J. FICKEY, etux	1038/658
(2)	47.44	FRED LUTHER, SR.	1242/550
(3)	46.51	LENA STEINOCHE, etux CURTIS F. LARD, etux & THOMAS W. LARD, etux	1241/245 1258/158
(4)	25.49	CURTIS F. LARD, etali	1258/152
(5)	15.99	CURTIS F. LARD, etux	1258/148
(6)	35.14	CLYDE C. & MILDRED J. BERGER, CO-TRUSTEES	1248/448
(7)	28.68	PAMELA KYBURZ	1251/799

244.85 TOTAL ACRES IN PRORATION UNIT

PRORATION PLAT  
PREPARED 01/28/93



PRORATION UNIT PLAT

PURSUANT TO STATEWIDE RULE 86  
FOR GIDDINGS (AUSTIN CHALK-3) FIELD

FICKEY-LARD UNIT WELL NO. 1

UNION PACIFIC RESOURCES COMPANY

T.J. WOOTEN SURVEY, A-59

BRAZOS COUNTY, TEXAS

SURVEYED: AUGUST, 1992

*S.M.K.*  
BY: S.M. KLING R.P.L.S. No. 2003

SCALE: 1" = 1000'

JANUARY, 1993

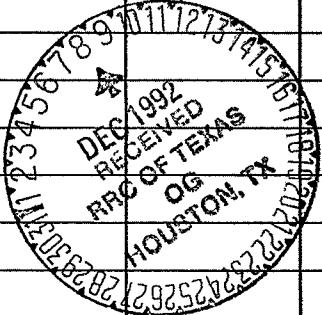
Cementer: Fill in shaded areas.  
Operator: Fill in other items.

Form W-15  
Cementing Report  
Rev. 4/1/83  
483-045

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) <b>UNION PACIFIC RESOURCES COMPANY</b>	2. RRC Operator No. <b>876645</b>	3. RRC District No. <b>03</b>	4. County of Well Site <b>BRAZOS</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>GIDDINGS (AUSTIN CHALK-3)</b>		6. API No. <b>42-041-31666</b>	7. Drilling Permit No. <b>402516</b>
8. Lease Name <b>FICKEY - LARD UNIT</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <b>1</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER- MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date	9-25-92						
13. •Drilled hole size	14 3/4"						
•Est. % wash or hole enlargement							# 1766
14. Size of casing (in. O.D.)	10 3/4"						<i>API LETTER DATED 8-26-92</i>
15. Top of liner (ft.)	---						<i>3800 + 3200 + 1900</i>
16. Setting depth (ft.)	2025						
17. Number of centralizers used	14						<i>Exception Dated 12-31-92</i>
18. Hrs. waiting on cement before drill-out	25						<i>Setting Casing 2025</i>
19. API cement used: No. of sacks 1st Slurry	► 950						<i>3850</i>
Class	► A						
Additives	► Remarks						
2nd Slurry	No. of sacks ► 200						
Class	► A						
Additives	►						
3rd Slurry	No. of sacks ► 50						
Class	► A						
Additives	► 2% A-7P						
1st	20. Slurry pumped: Volume (cu. ft.) ► 2536.5						
	Height (ft.) ► 4559						
2nd	Volume (cu. ft.) ► 236						
	Height (ft.) ► 378						
3rd	Volume (cu. ft.) ► 59						
	Height (ft.) ► 60						
Total	Volume (cu. ft.) ► 2831.5						
	Height (ft.) ► 4997						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES						
22. Remarks	Lead: 950 sks Class A + 3% A-5 + 2% A-2 + $\frac{1}{4}$ #/sk CelloFlake Tail: 200 sks Class A Neat						



OVER ➤

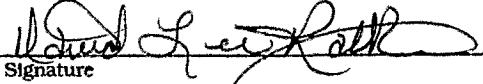
CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

David Lee Ratke/Service Supervisor      BJ Services

Name and title of cementer's representative

Cementing Company



1680 Independence

Bryan, Texas 77803

409-779-8125

9-25-92

Address

City.

State, Zip Code

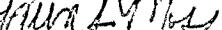
Tel.: Area Code Number

Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

KAREN S. MOSS

REGULATORY ANALYST



Typed or printed name of operator's representative

Title

Signature

P.O. BOX 7 MS 3407

FORT WORTH

TX 76101

(817) 877-7957

12-04-92

Address

City,

State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

### Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Cementer: Fill in shaded areas.  
Operator: Fill in other items.

Form W-15  
Cementing Report  
Rev. 4/1/83  
483-045

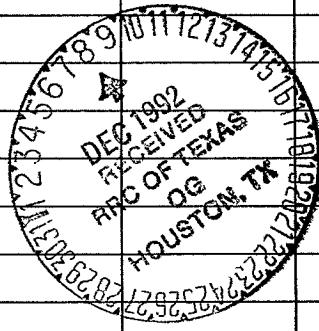
RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

1 Operator's Name (As shown on Form P-5, Organization Report) <b>UNION PACIFIC RESOURCES COMPANY</b>	2 RRC Operator No <b>876645</b>	3. RRC District No <b>03</b>	4 County of Well Site <b>BRAZOS</b>
5 Field Name (Wildcat or exactly as shown on RRC records) <b>GIDDINGS (AUSTIN CHALK-3)</b>	6. API No. <b>42-041-31666</b>	7. Drilling Permit No <b>402516</b>	
8. Lease Name <b>FICKEY - LARD UNIT</b>	9 Rule 37 Case No	10. Oil Lease/Gas ID No	11 Well No. <b>1</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date						<b>10-3-92</b>	<b>10-3-92</b>
13 •Drilled hole size						<b>9 7/8</b>	<b>9 7/8</b>
•Est % wash or hole enlargement							
14 Size of casing (in. O.D.)						<b>7 7/8</b>	<b>7 7/8</b>
15. Top of liner (ft.)						----	----
16 Setting depth (ft.)						<b>3904</b>	<b>8600</b>
17 Number of centralizers used							<b>28</b>
18 Hrs waiting on cement before drill-out						<b>24</b>	<b>24</b>
1st Slurry	19. API cement used: No. of sacks ►					<b>847</b>	<b>298</b>
	Class ►					<b>A</b>	<b>H</b>
	Additives ►					Remarks	Remarks
2nd Slurry	No. of sacks ►					<b>213</b>	
	Class ►					<b>H</b>	
	Additives ►						
3rd Slurry	No. of sacks ►						
	Class ►						
	Additives ►						
1st	20. Slurry pumped: Volume (cu. ft.) ►					<b>2295.37</b>	<b>375.48</b>
	Height (ft.) ►					<b>11375.40</b>	
2nd	Volume (cu. ft.) ►					<b>251.34</b>	
	Height (ft.) ►					<b>1247.94</b>	
3rd	Volume (cu. ft.) ►						
	Height (ft.) ►						
Total	Volume (cu. ft.) ►					<b>2546.71</b>	<b>375.48</b>
	Height (ft.) ►					<b>15170.05</b>	<b>1864.39</b>
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?						<b>NO</b>	<b>NO</b>

22. Remarks

Tool: 1st Slurry additives- 2% A-2 + 3% A-5 + 6#/sk Gilsonite + ½#/sk CelloFlake  
Shoe: 35:65:2 (FA:A:GEL) + 0.25% R-3



See tank 06  
TDC @ 800

OVER

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

David Lee Ratke/Service Supervisor

BJ Services

Name and title of cementer's representative

1680 Independence

Cementing Company

Signature

Bryan, Texas 77803

409-779-8125

10-3-92

Address

City, State, Zip Code

Tel: Area Code Number

Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

KAREN S. MOSS

REGULATORY ANALYST

Typed or printed name of operator's representative

Title

Signature

P.O. BOX 7 MS 3407

FORT WORTH TX 76101

(817) 877-7957

12-04-92

Address City, State, Zip Code Tel: Area Code Number Date: mo. day yr.

### Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

STATEMENT OF PRODUCTIVITY OF ACREAGE  
ASSIGNED TO PRORATION UNITS

Form P-15  
(5-5-71)

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the UNION PACIFIC RESOURCES COMPANY,  
FICKEY-LARD UNIT LEASE OPERATOR, No. 1; that such well is completed in the GIDDINGS (AUSTIN CHALK -3) WELL Field, BRAZOS County, Texas and that the acreage claimed, and assigned to such well for proration purposes as authorized by special rule and as shown on the attached certified plat embraces 244.85 acres which can reasonably be considered to be productive of hydrocarbons.

-- CERTIFICATE --

I declare under penalties prescribed in Article 6036c, R. C. S., that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Date 12-04-92

Signature Karen J. Moss

/KAREN S. MOSS

Telephone 817

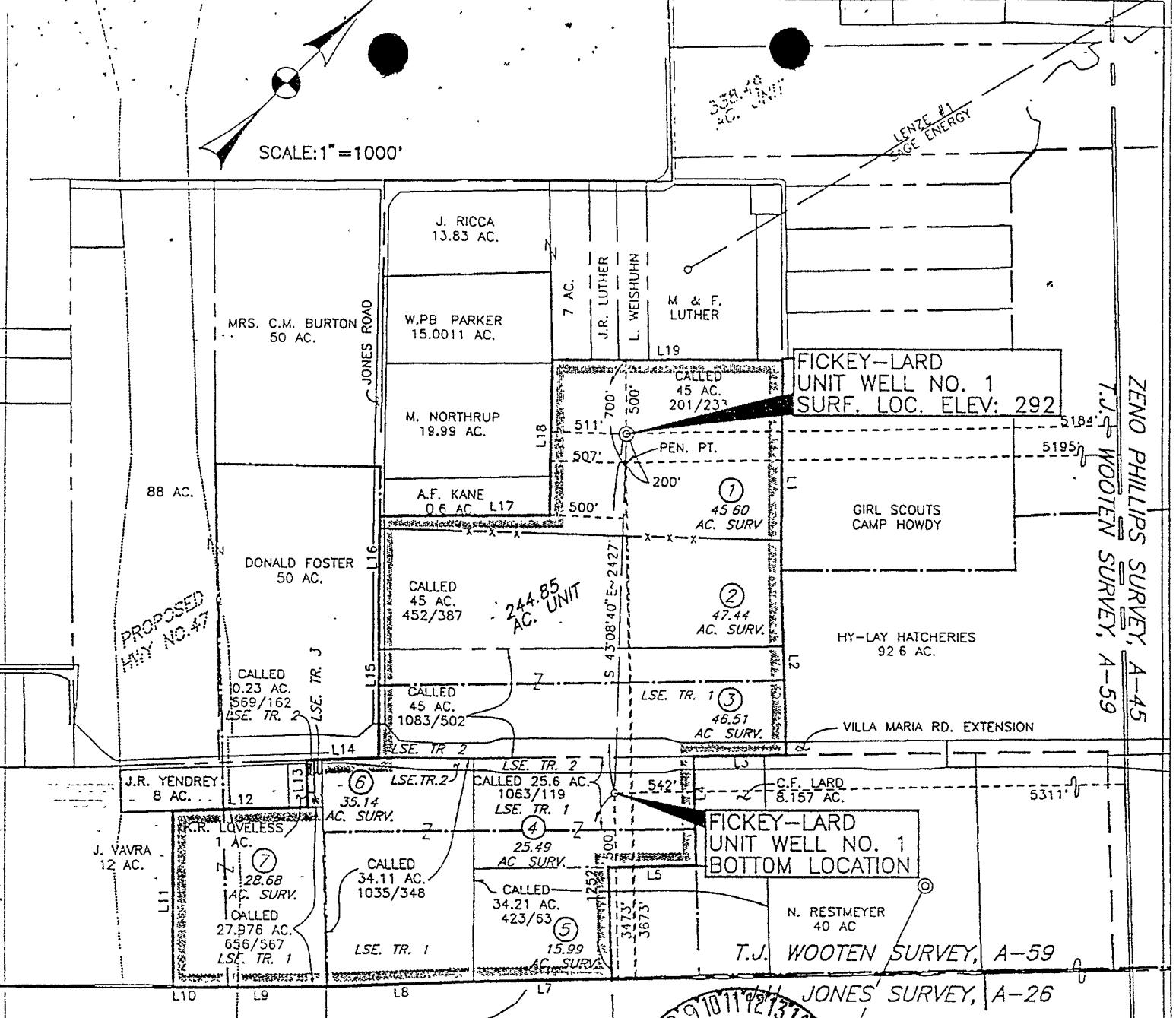
AREA CODE 877-7957

Title REGULATORY ANALYST



SCALE: 1" = 1000'

PROPOSED  
WELL NO. 1



ZENO PHILLIPS SURVEY, A-45  
T.J. WOOTEN SURVEY, A-50

LINE	BEARING	DIST.
1	S 44°44'51"E	1419.03
2	S 46°16'08"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
6	S 46°31'27"E	753.48
7	S 43°34'11"W	931.35
8	S 42°47'56"W	991.86
9	S 44°25'13"W	897.08
10	S 44°32'27"W	129.70
11	N 45°00'24"W	1188.16
12	N 43°17'26"E	907.91
13	N 46°46'24"W	317.49
14	N 43°05'14"E	487.32
15	N 44°52'31"W	1071.73
16	N 44°20'47"W	558.58
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

NOTES:

1. BEARINGS BASED ON TRUE NORTH OBTAINED BY SOLAR OBSERVATION.
2. WELL LOCATED S31°W ~ 4.6 MI. FROM BRYAN
3. ----- INDICATES LIMITS OF UNIT
4. —— INDICATES CITY LIMITS



FICKLEY-LARD UNIT WELL NO. 1			
TRACT	ACREAGE IN UNIT	LEASE	VOL/PG
①	45.60	LAWRENCE J. FICKLEY, et ux	1038/658
②	47.44	FRED LUTHER, SR.	1242/550
③	46.51	LENA STEINOCHE, et ux & CURTIS F. LARD, et ux & THOMAS W. LARD, et ux	1241/245 1258/158
④	25.49	CURTIS F. LARD, et alii	1258/152
⑤	15.99	CURTIS F. LARD, et ux	1258/148
⑥	35.14	CLYDE C. & MILDRED J. BERGER, CO-TRUSTEES	1248/448
⑦	28.68	PAMELA KYBURZ	1251/799
244.85 TOTAL ACRES IN UNIT			



SURVEYED: AUGUST, 1992

*S. M. K.*  
BY S.M. KLING R.P.L.S. No. 2003

WELL LOCATION  
FICKLEY-LARD UNIT WELL NO. 1  
UNION PACIFIC RESOURCES COMPANY

T.J. WOOTEN SURVEY, A-59

BRAZOS COUNTY, TEXAS

SCALE: 1" = 1000'

AUGUST, 1992

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

CERTIFICATE OF POOLING AUTHORITY

I, KAREN S. MOSS, being of lawful age, being familiar with the matter, and having full knowledge of the facts set out, do state:

(1) That the acreage claimed for the purpose of establishing a pooled drilling or proration unit under applicable orders of the Railroad Commission of Texas, for the

NAME OF OPERATOR: UNION PACIFIC RESOURCES COMPANY

NAME OF POOLED UNIT: FICKEY-LARD UNIT WELL NO. 1

FIELD: GIDDINGS (AUSTIN CHALK-3), BRAZOS COUNTY,

TEXAS, contains 244.85 acres; that with respect to such pooled unit, as it is hereafter described, parties now owning a mineral interest or mineral interests (including royalty interests, working interests, or other mineral interests) therein either (1) acquired such interest as they now have subject to the provisions of an instrument or instruments now in effect and which permit the pooling of said interests or (2) have, by virtue of the execution of an instrument or instruments the provisions of which are now in effect, pooled such of said interests as they now own therein, in such manner that all of such pooled unit shall be considered by the Commission as one base tract as if all rights with respect thereto has been acquired under a single contract.

(2) That the pooled unit described in the preceding paragraph is made up of and contains the hereafter described individual tracts of land no part of which is embraced within any other pooled unit in the same field and which, by virtue of the pooling agreements referred to in the preceding paragraph, are now contained within the pooled unit herein described.

(3) That where a non-pooled undivided interest exists in any of the individual tracts pooled, that certain non-pooled interest is noted in the margin of this instrument beside the tract description to identify the existence of the non-pooled interests in that tract:

(OVER)

**DESCRIPTION OF INDIVIDUAL TRACTS OR LEASES CONTAINED  
WITHIN POOLED UNIT REFERRED TO IN PARAGRAPH (1) ABOVE**

<b>NAME OF HOLDER OF LEASE</b>	<b>LEASE NAME</b>	<b>NO. OF ACRES</b>	<b>MARGIN</b>
UNION PACIFIC RESOURCES COMPANY	LAWRENCE J. FICKEY, et ux	45.60	
UNION PACIFIC RESOURCES COMPANY	FRED LUTHER, SR.	47.44	
UNION PACIFIC RESOURCES COMPANY	LENA STEINOCHER, et ux		
	CURTIS F. LARD, et ux &		
	THOMAS W. LARD, et ux	46.51	
UNION PACIFIC RESOURCES COMPANY	CURTIS F. LARD, et ali	25.49	
UNION PACIFIC RESOURCES COMPANY	CURTIS F. LARD, et ux	15.99	
UNION PACIFIC RESOURCES COMPANY	CLYDE C. & MILDRED J.		
	BERGER, CO-TRUSTEES	35.14	
UNION PACIFIC RESOURCES COMPANY	PAMELA KYBURZ	28.68	
	<b>TOTAL UNIT ACREAGE</b>	<b>244.85</b>	

**CERTIFICATE:**

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

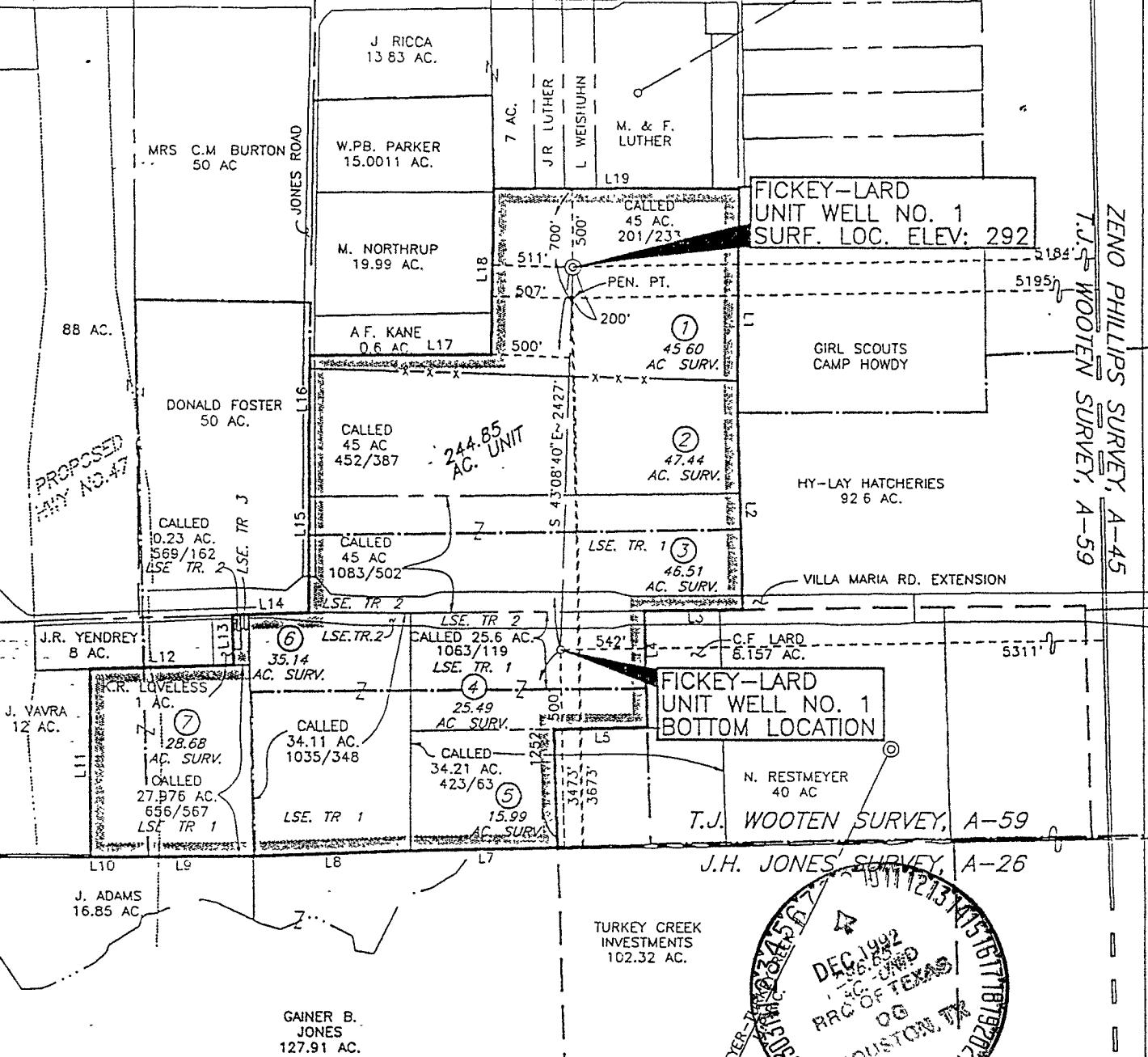
<i>Karen S. Moss</i>	/KAREN S. MOSS	REGULATORY ANALYST	12-04-92
Representative of Operator		Title	Date
	Telephone 817	877-7957	Number
	A/C		

**INSTRUCTIONS**

Where two or more tracts are pooled to form either a drilling unit or a proration unit as permitted by Commission regulation, the operator thereof must furnish a certificate of pooling authority at the time action by the Commission is sought either for a permit to drill on a pooled drilling unit or for establishment of an allowable for a well on a pooled proration unit.

SCALE: 1" = 1000'

PROPOSED  
TAX NO. 47



LINE	BEARING	METRES:
1	S 44°44'51"E	1419.03
2	S 46°16'06"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
6	S 46°31'27"E	753.48
7	S 43°34'11"W	931.35
8	S 42°47'56"W	991.86
9	S 44°25'13"W	897.08
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15	N 44°52'31"W	1071.73
16	N 44°20'47"W	558.58
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

NOTES:

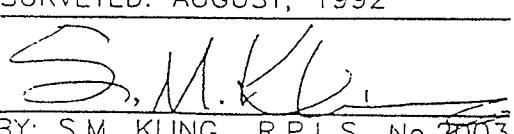
1. BEARINGS BASED ON TRUE NORTH OBTAINED BY SOLAR OBSERVATION
2. WELL LOCATED S31°W ~ 4.6 MI. FROM BRYAN
3. [REDACTED] INDICATES LIMITS OF UNIT
4. [REDACTED] INDICATES CITY LIMITS

FICKEY-LARD UNIT WELL NO. 1			
TRACT	ACREAGE IN UNIT	LEASE	VOL/PG
(1)	45.60	LAWRENCE J FICKEY, et ux	1038/658
(2)	47.44	FRED LUTHER, SR.	1242/550
(3)	46.51	LENA STEINOCHE, et ux & CURTIS F LARD, et al	1241/245 1258/158
(4)	25.49	CURTIS F LARD, et al	1258/152
(5)	15.99	CURTIS F LARD, et ux	1258/148
(6)	35.14	CLYDE C & MILDRED J. BERGER, CO-TRUSTEES	1248/448
(7)	28.68	PAMELA KYBURZ	1251/799
244.85 TOTAL ACRES IN UNIT			



WELL LOCATION  
FICKEY-LARD UNIT WELL NO. 1  
UNION PACIFIC RESOURCES COMPANY  
T.J. WOOTEN SURVEY, A-59

SURVEYED: AUGUST, 1992

  
BY: S.M. KLING R.P.L.S. No. 2003

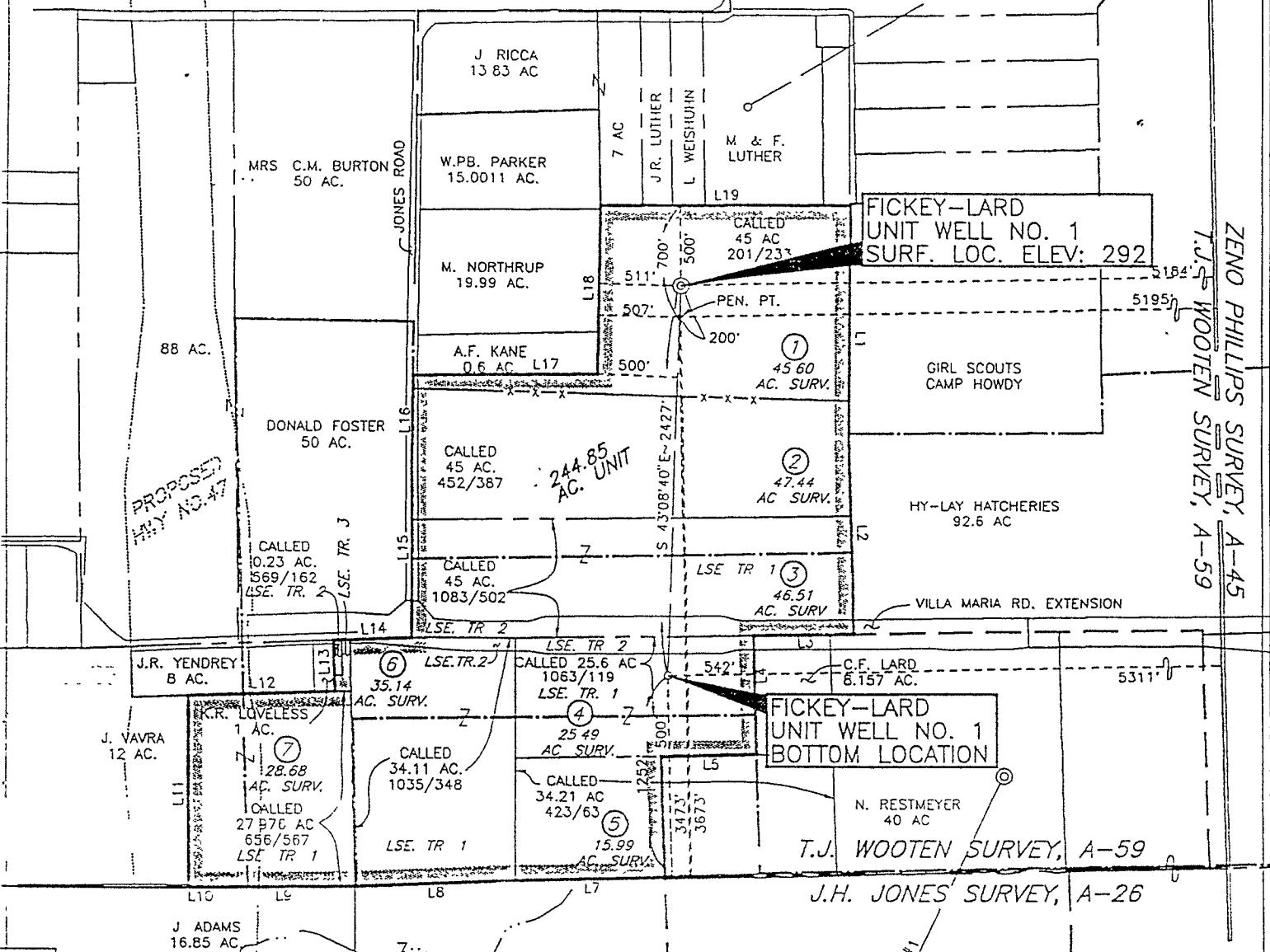
BRAZOS COUNTY, TEXAS

SCALE: 1"=1000'

AUGUST, 1992

SCALE: 1" = 1000'

LENZE #1  
GE ENERGY



LINE	PERIMETER	METERS:
	BEARING	DIST.
1	S 44°44'51"E	1419.03
2	S 45°16'06"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
6	S 46°31'27"E	753.48
7	S 43°34'11"W	531.35
8	S 42°47'56"W	991.86
9	S 44.25'13"W	897.08
10	S 44°32'27"W	129.70
11	N 45°00'24"W	1188.16
12	N 43°17'26"E	907.91
13	N 46°46'24"W	317.49
14	N 43°05'14"E	487.32
15	N 44°52'31"W	1071.72
16	N 44°20'47"W	558.53
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

NOTES:

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2. WELL LOCATED S31W~4.6MI FROM BRYAN
- 3 - - - - - INDICATES LIMITS OF UNIT
4. - - - - - INDICATES CITY LIMITS

FICKEY-LARD UNIT WELL NO. 1			
TRACT	ACREAGE IN UNIT	LEASE	VOL/PG
(1)	45.60	LAWRENCE J. FICKEY, etux	1038/658
(2)	47.44	FRED LUTHER, SR.	1242/550
(3)	46.51	LENA STEINOCHE, etux & CURTIS F. LARD, etux & THOMAS W. LARD, etux	1241/245 1258/158
(4)	25.49	CURTIS F. LARD, etali	1258/152
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(7)	28.68	PAMELA KYBURZ	1251/799
244.85 TOTAL ACRES IN UNIT			



WELL LOCATION  
FICKEY-LARD UNIT WELL NO. 1  
UNION PACIFIC RESOURCES COMPANY

T.J. WOOTEN SURVEY, A-59

BRAZOS COUNTY, TEXAS

SURVEYED: AUGUST, 1992

  
BY: S.M. KLING R.P.L.S. No. 2003

SCALE: 1" = 1000'

AUGUST, 1992

ELECTRIC LOG  
STATUS REPORT

FORM L-1

Rev. 12/88

## INSTRUCTIONS

When to file the L-1

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period of confidentiality has not yet expired

When the L-1 is NOT required

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas, and geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to file the L-1

- with the appropriate Commission district office

Filling out the L-1

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such a log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

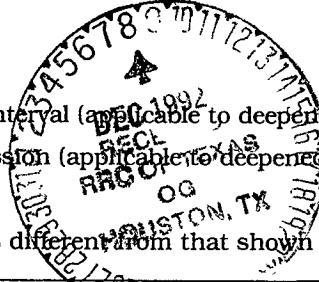
## SEE REVERSE SIDE

## SECTION I. IDENTIFICATION

Operator Name	UNION PACIFIC RESOURCES COMPANY		District No.	03	Completion Date	10-28-92
Field Name	GIDDINGS (AUSTIN CHALK-3)		Drilling Permit No. 402516			
Lease Name	FICKEY-LARD UNIT		Lease/ID No.	Well No. 1		
County	BRAZOS		API No. 42 - 041-31666			

## SECTION II. LOG STATUS (complete either A. or B.)

<input type="checkbox"/>	A. BASIC ELECTRIC LOG NOT RUN	
<input checked="" type="checkbox"/>	B. BASIC ELECTRIC LOG RUN (select one)	
<input checked="" type="checkbox"/> 1. Confidentiality requested. <input type="checkbox"/> 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only). <input type="checkbox"/> 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only). <input type="checkbox"/> 4. Log attached to (select one)		
<input type="checkbox"/> (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____		
Check here if attached log is being submitted after being held confidential <input type="checkbox"/>		
<input type="checkbox"/> (b) Form P-7, Application for Discovery Allowable and New Field Designation.		
<input type="checkbox"/> (c) Form W-4, Application for Multiple Completion: lease or ID no.(s) _____, well no.(s) _____		



Karen S. Moss  
signature

KAREN S. MOSS  
name (print)

REGULATORY ANALYST

title

( 817 ) 877-7957

phone

12-04-92

date

For Railroad Commission use only

## **Electric Log Filing Requirements**

As required by statute (T.N.R.C. Chapter 91, Subchapter M) and defined by Statewide Rule 16 (see copy below), a legible, unaltered final copy of a basic electric log run on a well must be filed with the completion report for that well (Form W-2 and Form G-1) or the plugging report for that well if it is a dry hole (Form W-3). The electric log will become a part of the public record.

You may, however, request a one-year period of confidentiality during which the log will be kept in your possession. Prior to the expiration of the initial period of confidentiality, you may request a renewal for a two-year period. Logs of wells drilled on land submerged in State water may be granted an additional two-year extension. At the end of the period(s) of confidentiality, a copy of the basic electric log must be filed with the Commission. The Commission will send you a notice prior to expiration of the confidentiality period(s). NOTE: electric logs submitted in conjunction with an application for multiple completion or a new field designation are considered part of the public records; confidentiality cannot be granted them.

### **§3.16 RULE 16. Log and Completion or Plugging Report. (Effective February 28, 1986)**

(a) The owner or operator of an oil, gas or geothermal resource well, within thirty (30) days after the completion of such well or the plugging of such well, if the well is a dry hole, shall file with the Commission the appropriate completion or plugging report, and if a basic electric log is run on the well, a legible, unaltered final copy of such log shall be attached. A "basic electric log" means a lithology, porosity, or resistivity log run over the entire wellbore or in the alternative, if no such log is run over the entire wellbore, the log which is the most complete of such logs run. Amended completion reports must be filed for any change in perforations, or openhole or casing records within thirty (30) days after recompleting the well. In addition, if the well is deepened, a copy of a basic electric log run after September 1, 1985 should be submitted if such log is run over a deeper interval than the interval covered by a basic electric log already on file with the Commission for that wellbore.

(b) Each log filed with the Commission shall be considered public information and shall be available to the public during normal business hours. If the owner or operator of such well described in subsection (a) of this section desires log(s) to be confidential, the owner or operator must submit a written request for a delayed filing of the log(s). When filing such a request, the owner or operator must retain the log(s) and may delay filing such log(s) for one (1) year beginning from the date the completion or plugging report is required to be filed with the Commission. The owner or operator of such well may request an additional filing delay of two (2) years, provided the written request is filed prior to the expiration date of the initial confidentiality period. If a well is drilled on land submerged in state water, the owner or operator may request an additional filing delay of two (2) years so that a possible total filing delay of five (5) years may be obtained. A request for the additional two (2) year filing delay period must be in writing and be received prior to the expiration of the first two (2) year filing delay. Logs must be filed with the Commission within thirty (30) days after the expiration of the final confidentiality period.

(c) If the logs are not filed in accordance with the provisions of this section, the Commission may refuse to assign an allowable to a well or may set the allowable for such well at zero. If the well is a dry hole and the logs are not filed in accordance with the provisions of this section, the Commission may initiate penalty action pursuant to Title 3 of the Texas Natural Resources Code.

North America Land  
125 Industrial Boulevard  
Sugar Land, Texas 77478  
713-274-8900

December 14, 1992

Attention: Mr Brent Chance  
Railroad Commission of Texas  
Oil & Gas Division  
Production & Proration Section  
Capitol Station  
P. O. Drawer 12967  
Austin, TX 78711

Dear Mr. Chance,

Enclosed is the Record of survey for UPRC on the Fickey-Lard Unit #1, T.J. Wooten Survey A-59, Brazos County, Texas.

If you have any questions, please advise.

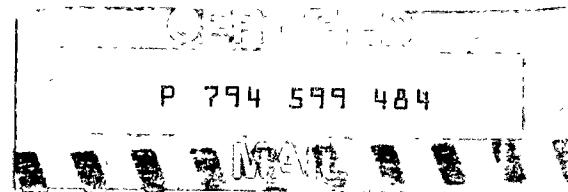
Enclosure: 794-599-484

Sincerely,



Roy Houston  
Field Service Manager

cc: Mr. Doug Genrich  
Union Pacific Resources Co.  
801 Cherry St.  
Fort Worth, TX 76107



041-31666

STATE OF TEXAS  
COUNTY OF FORT BEND

October 20, 1992

I, Todd Dane, in the employ Schlumberger, I.D. # 754035, did on the 1st day of October 1992, through the 17th day of October, 1992, respectively conduct or supervise the taking of directional surveys by the methods indicated:

From a Depth of 0 ft. to 7875 ft. *Todd Dane* The Bob Fournet

From a Depth of 7875 ft. to 11045 ft. Anadrill Slim 1

This survey was conducted at the request of UPRC for their Fickey-Lard Unit #1, Brazos County, State of Texas.

I certify that this is a true and correct report of such survey, and that it affords a true and correct representation of our findings as to the nature and conditions of the well at the time the surveys were made.

SCHLUMBERGER  
125 Industrial Boulevard  
Sugar Land, Texas 77478

*Todd Dane*

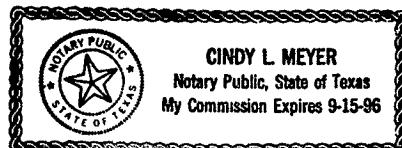
Todd Dane

STATE OF TEXAS  
COUNTY OF FORT BEND

BEFORE ME, the undersigned authority, on this day personally appeared Todd Dane, SCHLUMBERGER, a Texas corporation, known to me to be the person who has acknowledged to me that he executed the same for the purposes therein expressed, as the act and deed of said corporation, and in capacity therein set forth.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 20th day of October, 1992.

*Cindy L. Meyer*  
Notary Public in and for  
the State of Texas



CHDR (1) + PHANTOM

5.0%

25.0%  
100%

5.0%

25.0%  
100%

17

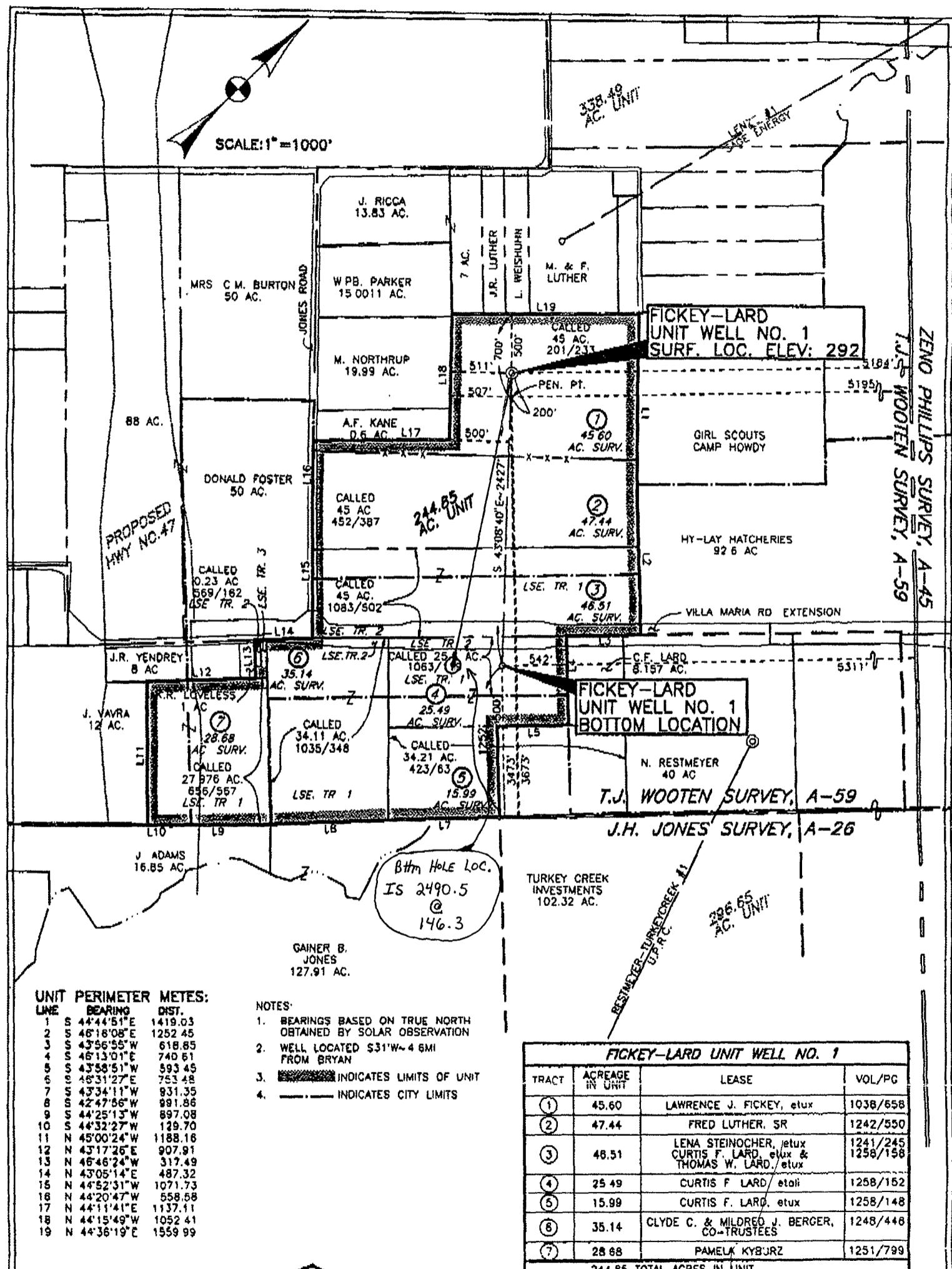
Time	100%	10%	5%	2.5%
0.0	707.8	200.5	11	0
0.5	593.9	123.5	10	2.5
1.0	617.9	244.8	9.4	1.4
1.5	534.0	122.2	10	7.5
2.0	559.1	224.5	14	5.8
2.5	527.1	126.7	11	2.2
3.0	458.2	117.3	13	3.5
3.5	535.3	144.7	14	12.6
4.0	436.2	94.3	11	3.2
4.5	559.1	140.2	14	1.1
5.0	564.5	146.5	14	2.4
5.5	549.1	124.5	11	1.3
6.0	584.1	146.8	12	1.4
6.5	592.4	145.8	12	1.4
7.0	594.0	144.8	12	1.4
7.5	595.1	142.8	12	1.4
8.0	859.4	187.4	14	1.1
8.5	561.0	121.7	11	0.9
9.0	562.7	123.5	12	1.2
9.5	563.7	124.5	12	1.2
10.0	564.4	125.4	12	1.2
10.5	564.4	125.4	12	1.2
11.0	566.1	126.3	12	1.2
11.5	566.4	126.6	12	1.2
12.0	566.7	126.9	12	1.2
12.5	566.8	127.0	12	1.2
13.0	566.8	127.0	12	1.2
13.5	567.2	127.4	12	1.2
14.0	567.2	127.4	12	1.2
14.5	567.3	127.5	12	1.2

09/21/92

09:27

UPRC DRILLING DEPT. FAX 1

003



WELL LOCATION  
FICKEY-LARD UNIT WELL NO. 1

13	11/20/70	11	87024	774.0		
			87025	726.2		
			87026	626.7		
			87027	650.3		
			87028	261.0		
14	11/20/70	12	87121	751.0		
			87122	1013.0		
			87123	1021.0		
			87124	1128.2		
			87125	1421.3		
15	11/20/70	13	87231	1479.5	11.7	142.0
			87232	1057.5	11.7	12.0
			87233	1312.5	11.7	13.0
			87234	1322.5	11.7	12.0
			87235	1365.5	11.7	12.0
16	11/20/70	14	87341	431.0		
			87342	1772.2		
			87343	1525.2		
			87344	1506.2		
			87345	1286.2		
17	11/20/70	15	87461	1635.6		
			87462	1626.6		
			87463	1636.2		
			87464	1712.6		
			87465	1760.6		
18	11/20/70	16	87481	1705.0		
			87482	1706.0		
			87483	1705.0		
			87484	1746.0		
19	11/20/70	17	87491	1036.6	11.2	12.0
			87492	1872.0	11.2	12.0

done by 2 methods  
 1. Measured length  
 2. Calculated length  
 a. Leg length (MM)  
 b. Leg length (CM)

North America Land  
125 Industrial Boulevard  
Sugar Land, Texas 77478  
713-274-8900

December 1, 1992

Attention: Mr Brent Chance  
Railroad Commission of Texas  
Oil & Gas Division  
Production & Proration Section  
Capitol Station  
P. O. Drawer 12967  
Austin, TX 78711

Dear Mr. Chance,

Enclosed is the Record of survey for U.P.R.C., on their Fickey-Lard Unit # 1 Re-entry, Lawrence J. Fickey, Brazos County, Texas.

If you have any questions, please advise.

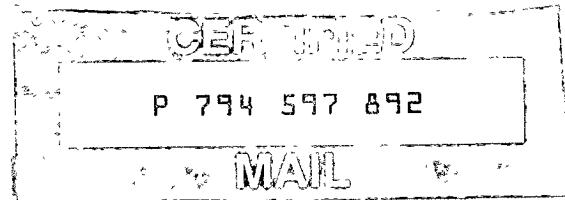
Sincerely,



Roy Houston  
Field Service Manager

Enclosure: 794 597 892

cc: Mr. Doug Genrich  
Union Pacific Resources  
801 Cherry Street  
Ft. Worth, Texas 76107



041-31666

STATE OF TEXAS

October 20, 1992

COUNTY OF FORT BEND

I, Todd Dane, in the employ Schlumberger, I.D. # 754035, did on the 1st day of October 1992, through the 17th day of October, 1992, respectively conduct or supervise the taking of directional surveys by the methods indicated:

From a Depth of 0 ft. to 7950 ft. The Bob Fournet

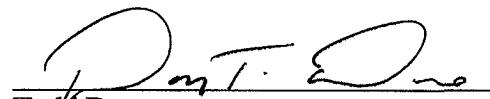
From a Depth of 7950 ft. to 11045 ft. Anadrill Slim 1

From a Depth of 10621 ft. to 11851 ft. Anadrill Slim 1 (Sidetrack)

This survey was conducted at the request of UPRC for their Fickey-Lard Unit #1, Sidetrack 1, Brazos County, State of Texas.

I certify that this is a true and correct report of such survey, and that it affords a true and correct representation of our findings as to the nature and conditions of the well at the time the surveys were made.

SCHLUMBERGER  
125 Industrial Boulevard  
Sugar Land, Texas 77478

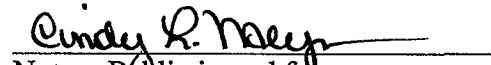
  
Todd Dane

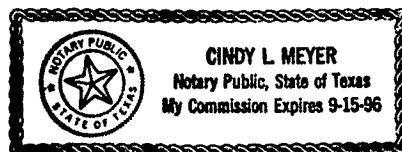
STATE OF TEXAS

COUNTY OF FORT BEND

BEFORE ME, the undersigned authority, on this day personally appeared Todd Dane, SCHLUMBERGER, a Texas corporation, known to me to be the person who has acknowledged to me that he executed the same for the purposes therein expressed, as the act and deed of said corporation, and in capacity therein set forth.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 20th day of October, 1992.

  
\_\_\_\_\_  
Notary Public in and for  
the State of Texas



CHORAL SHEET MUSIC  
CATHERINE GILBERT  
SERIAL 2  
PRINTED

NUMBER	DATE	NAME	KEY	TIME
1	1940	913274	C	2/4
2	1940	913275	C	2/4
3	1940	913276	C	2/4
4	1940	913277	C	2/4
5	1940	913278	C	2/4
6	1940	913279	C	2/4
7	1940	913280	C	2/4
8	1940	913281	C	2/4
9	1940	913282	C	2/4
10	1940	913283	C	2/4
11	1940	913284	C	2/4
12	1940	913285	C	2/4
13	1940	913286	C	2/4
14	1940	913287	C	2/4
15	1940	913288	C	2/4
16	1940	913289	C	2/4
17	1940	913290	C	2/4
18	1940	913291	C	2/4
19	1940	913292	C	2/4
20	1940	913293	C	2/4
21	1940	913294	C	2/4
22	1940	913295	C	2/4
23	1940	913296	C	2/4
24	1940	913297	C	2/4
25	1940	913298	C	2/4
26	1940	913299	C	2/4
27	1940	913300	C	2/4
28	1940	913301	C	2/4
29	1940	913302	C	2/4
30	1940	913303	C	2/4
31	1940	913304	C	2/4
32	1940	913305	C	2/4
33	1940	913306	C	2/4
34	1940	913307	C	2/4
35	1940	913308	C	2/4
36	1940	913309	C	2/4
37	1940	913310	C	2/4
38	1940	913311	C	2/4
39	1940	913312	C	2/4
40	1940	913313	C	2/4
41	1940	913314	C	2/4
42	1940	913315	C	2/4
43	1940	913316	C	2/4
44	1940	913317	C	2/4
45	1940	913318	C	2/4
46	1940	913319	C	2/4
47	1940	913320	C	2/4
48	1940	913321	C	2/4
49	1940	913322	C	2/4
50	1940	913323	C	2/4
51	1940	913324	C	2/4
52	1940	913325	C	2/4
53	1940	913326	C	2/4
54	1940	913327	C	2/4
55	1940	913328	C	2/4
56	1940	913329	C	2/4
57	1940	913330	C	2/4
58	1940	913331	C	2/4
59	1940	913332	C	2/4
60	1940	913333	C	2/4
61	1940	913334	C	2/4
62	1940	913335	C	2/4
63	1940	913336	C	2/4
64	1940	913337	C	2/4
65	1940	913338	C	2/4
66	1940	913339	C	2/4
67	1940	913340	C	2/4
68	1940	913341	C	2/4
69	1940	913342	C	2/4
70	1940	913343	C	2/4
71	1940	913344	C	2/4
72	1940	913345	C	2/4
73	1940	913346	C	2/4
74	1940	913347	C	2/4
75	1940	913348	C	2/4
76	1940	913349	C	2/4
77	1940	913350	C	2/4
78	1940	913351	C	2/4
79	1940	913352	C	2/4
80	1940	913353	C	2/4
81	1940	913354	C	2/4
82	1940	913355	C	2/4
83	1940	913356	C	2/4
84	1940	913357	C	2/4
85	1940	913358	C	2/4
86	1940	913359	C	2/4
87	1940	913360	C	2/4
88	1940	913361	C	2/4
89	1940	913362	C	2/4
90	1940	913363	C	2/4
91	1940	913364	C	2/4
92	1940	913365	C	2/4
93	1940	913366	C	2/4
94	1940	913367	C	2/4
95	1940	913368	C	2/4
96	1940	913369	C	2/4
97	1940	913370	C	2/4
98	1940	913371	C	2/4
99	1940	913372	C	2/4
100	1940	913373	C	2/4

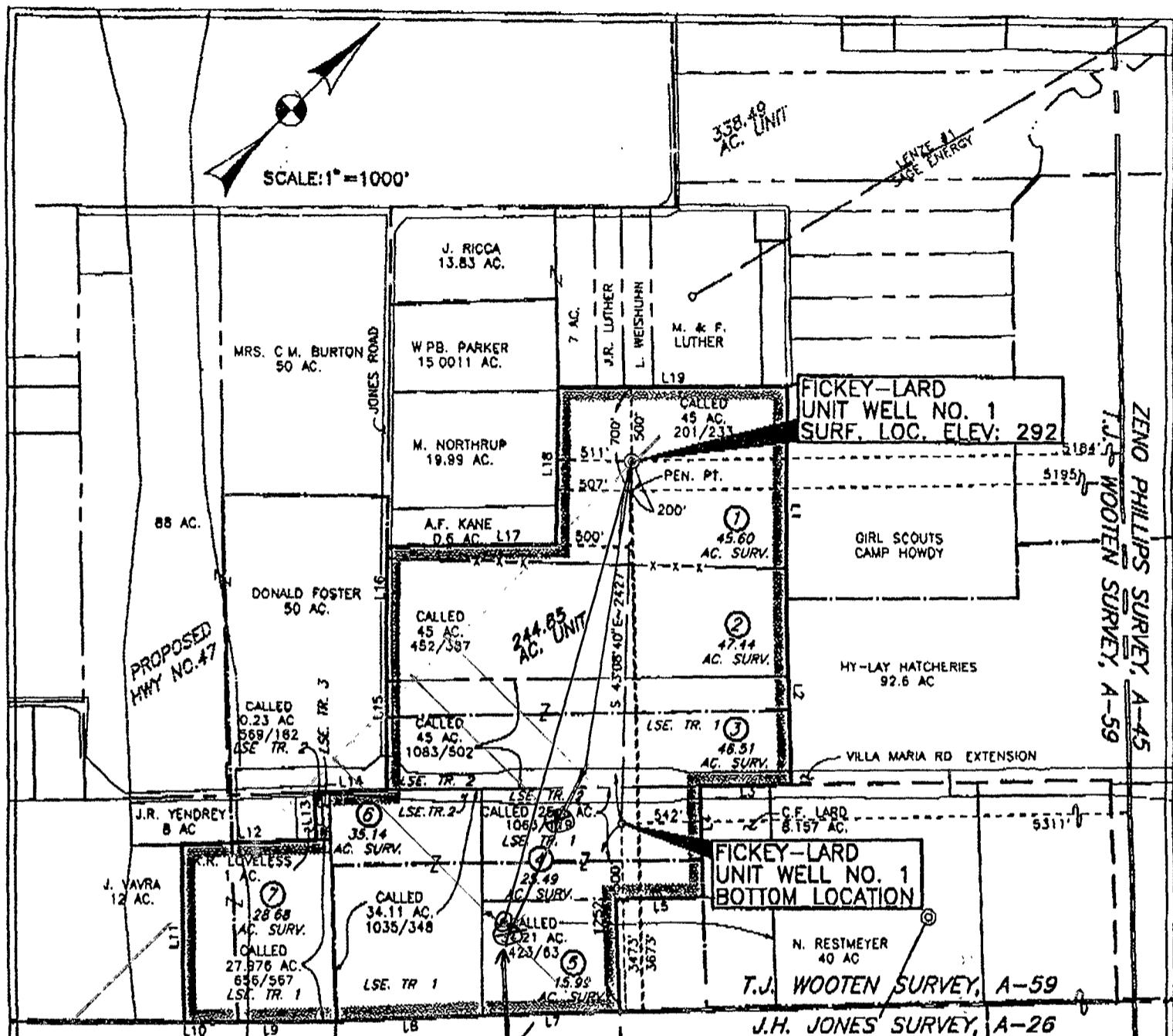
HAROLD T. LARSON  
MUSICAL DIRECTOR  
CATHARINE GILBERT  
SERIAL 2

09/21/92

09:27

UPRC DRILLING DEPT. FAX 1

003



## UNIT PERIMETER METERS:

LINE	BEARING	DIST.
1	S 44°44'51"E	1419.03
2	S 46°16'08"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
6	S 45°31'27"E	753.48
7	N 42°47'17"W	831.95
8	S 42°47'56"W	891.86
9	S 44°25'13"W	897.08
10	S 46°32'27"W	129.70
11	N 45°00'24"W	1188.16
12	N 43°17'26"E	907.91
13	N 46°46'24"E	317.49
14	N 43°05'14"E	487.32
15	N 44°52'31"W	1071.73
16	N 44°20'47"W	558.58
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

## NOTES:

- 1 BEARINGS BASED ON TRUE NORTH OBTAINED BY SOLAR OBSERVATION
- 2 WELL LOCATED S31°W ~ 4.6 MI FROM CRYAL
- 3 \_\_\_\_\_ INDICATES 1/4 MTS OF
- 4 \_\_\_\_\_ INDICATES CITY LIMITS

TYPE OF UNIT	LINE#	ACRES
(1)	45.60	LAWRENCE J. FICKEY, etux 1038/658
(2)	47.44	FRED LUTHER, SR. 1242/550
(3)	46.51	LENA STEINOCHER, etux 1241/245 CURTIS F. LARD, etux & 1258/158 THOMAS W. LARD, etux
(4)	25.49	CURTIS F. LARD, etali 1258/152
(5)	15.99	CURTIS F. LARD, etux 1258/148
(6)	35.14	CLYDE C. & MILDRED J. BERGER, CO-TRUSTEES 1248/448
(7)	28.68	PAMELA KYBURZ 1251/799

244.85 TOTAL ACRES IN UNIT

WELL LOCATION

FICKEY-LARD UNIT WELL NO. 1





Directional Drilling, Directional MWD's, Horizontal Drilling  
Directionally Drilled River Crossings, Gyroscopic Surveys  
Magnetic Multishot Surveys, Magnetic Single Shot Rentals

CENTRAL SERVICE DISPATCH

Lafayette, LA (800) 826-3295

(318) 233-4433

Fax (318) 233-5594

Service Locations

Lafayette, & New Orleans, LA  
Houston, Corpus Christi, & Smithville, TX

Certified Mail #P 402 447 254

October 30, 1992

RAILROAD COMMISSION OF TEXAS  
Oil & Gas Division  
P. O. Drawer 12967  
Capitol Station  
Austin, TX 78711-2967

Attention: Mr. Brent Chance

Re: UNION PACIFIC RESOURCES COMPANY  
Fickey-Lard Unit Well No. 1  
Brazos County, Texas  
API #42-041-31666

Dear Mr. Chance:

Enclosed please find the original and one copy of the certified Survey Report on the above referenced well.

This data is being forwarded to you in accordance with your Statewide Conservation Rule 12.

Sincerely,

THE BOB FOURNET COMPANY

  
Larry Sifton  
Manager, Survey Operations

LS/ph

Enclosures

cc: Mr. Doug Genrich - 1 copy  
UNION PACIFIC RESOURCES COMPANY  
P. O. Box 7  
Fort Worth, TX 76101-0007



**The Bob Fournet Company**

Box 52245, 311 Wall Street, Lafayette, La. 70505, Tel.: (800) 826-3295, (318) 233-4433, Fax (318) 233-5594

041-31666

STATE OF LOUISIANA

PARISH OF LAFAYETTE

Re: UNION PACIFIC RESOURCES COMPANY  
Fickey-Lard Unit Well No. 1  
Brazos County, Texas  
API #42-041-31666

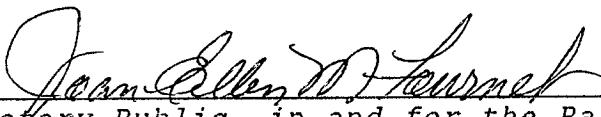
Larry Sifton, being duly sworn, deposes and says, that the following survey(s) were made by THE BOB FOURNET COMPANY on the above referenced well.

<u>TYPE SURVEY</u>	<u>SURVEY DEPTH</u>	<u>DATE</u>	<u>SURVEYOR</u>
Gyroscopic	0' - 7950'	9/30/92	Lyons

That the attached document, showing the well at 7950 feet measured depth to be horizontally 62.07 feet in a direction of North 69 degrees 41 minutes 33 seconds West from surface location, represents a true and complete survey of the above mentioned well, to the best of his knowledge.

  
\_\_\_\_\_  
Larry Sifton  
Manager, Survey Operations

Subscribed and sworn to, before me,  
this 30 day of October , 1992 .

  
\_\_\_\_\_  
Jean Ellen D'Fourner  
Notary Public, in and for the Parish  
of Lafayette, State of Louisiana.



**The Bob Fournet Company**

API #42-041-31666

**SUB-SURFACE  
DIRECTIONAL SURVEY REPORT**

UNION PACIFIC RESOURCES COMPANY

COMPANY

FICKEY-LARD UNIT WELL NO. 1

WELL NAME

BRAZOS COUNTY, TEXAS

LOCATION

GP-1020379

Gyroscopic

0' - 7950'

9/30/92

JOB NUMBER

TYPE OF SURVEY

SURVEY DEPTH

DATE

/\*  
 UNION PACIFIC RESOURCES COMPANY  
 FICKEY-LARD UNIT WELL NO. 1  
 BRAZOS COUNTY, TEXAS  
 (NABORS LOFFLAND 206)  
 JOB NO(S): GP-1020379  
 DATE(S) : SEPTEMBER 30, 1992  
 MAGNETIC DECLINATION 5 DEGREES 40 MINUTES EAST  
 ALL DIRECTIONS FROM TRUE NORTH

API #42-041-31666

THE BOB FOURNET COMPANY



PLANE OF PROPOSED DIRECTION IS S 43 DEG. 8 MIN. 0 SEC. E

## RECORD OF SURVEY

ALL CALCULATIONS PERFORMED BY A TEXAS INSTRUMENTS 990/10 MODEL 8 ELECTRONIC COMPUTER  
 MINIMUM CURVATURE METHOD

MEAS. DEPTH	DRIFT	TRUE	VERTICAL DEPTH	VERT. SECTION	DRIFT	TOTAL COORDINATES	CLOSURES			DOG LEG		
	ANGLE DG MN	DIRECTION DG MN			DIRECTION DG MN		DISTANCE	ANGLE DG MN SC	SEVERITY DEG/100FT	DG MN	SC	DEG/100FT
0	0 0	0.00	0.00	N	0 0 E	0.00 N	0.00 E	0.00 N	90	0	0 E	0.000
200	0 15	200.00	-.39	N	71 0 W	.14 N	.41 W	.44 N	71	0	0 W	.125
400	0 0	400.00	-.77	N	71 0 W	.28 N	.83 W	.87 N	71	0	0 W	.125
600	0 0	600.00	-.77	N	71 0 W	.28 N	.83 W	.87 N	71	0	0 W	0.000
800	0 15	800.00	-.78	S	48 0 W	.01 S	1.15 W	1.15 S	89 36 31 W			.125
1000	0 30	999.99	-1.13	S	70 0 W	.60 S	2.29 W	2.37 S	75 22 50 W			.142
1200	0 30	1199.99	-1.90	S	76 0 W	1.11 S	3.96 W	4.11 S	74 22 19 W			.026
1400	0 0	1399.98	-2.32	S	76 0 W	1.32 S	4.81 W	4.98 S	74 39 25 W			.250
1600	0 0	1599.98	-2.32	S	76 0 W	1.32 S	4.81 W	4.98 S	74 39 25 W			0.000
1800	0 15	1799.98	-2.16	S	25 0 W	1.71 S	4.99 W	5.28 S	71 2 39 W			.125

MEAS. DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	VERT. SECTION	DRIFT DIRECTION	TOTAL COORDINATES	CLOSURES	DOG LEG	
	DG MN			DG MN		DISTANCE	ANGLE	SEVERITY
					DG MN SC	DEG/100FT		
2000	0 15	1999.98	-1.90	S 34 0 W	2.47 S	5.42 W	5.96 S 65 29 10 W	.020
2200	0 30	2199.98	-2.59	N 69 0 W	2.52 S	6.48 W	6.95 S 68 44 27 W	.253
2400	0 0	2399.98	-3.38	N 69 0 W	2.21 S	7.29 W	7.62 S 73 9 27 W	.250
2600	0 30	2599.97	-4.23	N 33 0 W	1.48 S	7.77 W	7.91 S 79 14 32 W	.250
2800	0 0	2799.97	-5.09	N 33 0 W	.74 S	8.24 W	8.28 S 84 50 32 W	.250
3000	0 0	2999.97	-5.09	N 33 0 W	.74 S	8.24 W	8.28 S 84 50 32 W	0.000
3200	0 0	3199.97	-5.09	N 33 0 W	.74 S	8.24 W	8.28 S 84 50 32 W	0.000
3400	0 0	3399.97	-5.09	N 33 0 W	.74 S	8.24 W	8.28 S 84 50 32 W	0.000
3600	0 30	3599.97	-4.77	S 25 0 W	1.54 S	8.61 W	8.75 S 79 53 40 W	.250
3800	0 0	3799.96	-4.44	S 25 0 W	2.33 S	8.98 W	9.28 S 75 28 52 W	.250
4000	0 45	3999.96	-5.25	S 85 0 W	2.44 S	10.29 W	10.57 S 76 39 16 W	.375
4200	0 30	4199.95	-6.26	S 60 0 W	2.99 S	12.35 W	12.70 S 76 23 0 W	.182
4400	0 15	4399.94	-6.89	N 36 0 W	3.07 S	13.36 W	13.71 S 77 2 27 W	.268
4600	0 15	4599.94	-7.75	N 31 0 W	2.35 S	13.84 W	14.04 S 80 22 31 W	.011
4800	0 45	4799.93	-9.26	N 77 0 W	1.68 S	15.34 W	15.43 S 83 45 21 W	.302
5000	1 0	4999.91	-11.85	N 74 0 W	.90 S	18.29 W	18.31 S 87 10 28 W	.127
5200	1 0	5199.88	-15.09	N 46 0 W	.79 N	21.22 W	21.24 N 87 52 0 W	.242
5400	1 30	5399.84	-19.15	N 71 0 W	2.86 N	24.96 W	25.12 N 83 28 23 W	.364
5600	1 15	5599.78	-23.23	N 79 0 W	4.12 N	29.57 W	29.86 N 82 3 41 W	.157
5800	1 30	5799.72	-26.98	N 84 0 W	4.81 N	34.32 W	34.65 N 82 0 55 W	.139
6000	1 15	5999.66	-30.27	S 84 0 W	4.86 N	39.09 W	39.39 N 82 54 50 W	.190
6200	0 30	6199.64	-32.44	N 32 0 W	5.37 N	41.72 W	42.07 N 82 39 51 W	.562
6400	0 45	6399.63	-33.83	N 23 0 E	7.32 N	41.67 W	42.31 N 80 2 33 W	.309
6600	0 15	6599.62	-34.79	N 37 0 W	8.87 N	41.42 W	42.36 N 77 54 52 W	.331
6800	0 15	6799.62	-35.66	N 32 0 W	9.59 N	41.92 W	43.00 N 77 6 58 W	.011
7000	1 0	6999.61	-37.78	N 29 0 W	11.48 N	42.99 W	44.50 N 75 2 41 W	.375
7200	1 0	7199.58	-41.05	N 68 0 W	13.66 N	45.46 W	47.47 N 73 16 10 W	.334
7400	0 45	7399.56	-43.89	N 60 0 W	14.97 N	48.21 W	50.48 N 72 44 48 W	.139
7600	1 15	7599.53	-47.09	N 70 0 W	16.37 N	51.39 W	53.94 N 72 19 44 W	.264

MEAS. DEPTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	VERT. SECTION	DRIFT DIRECTION	TOTAL COORDINATES		C L O S U R E S	DOG LEG	
	DG MN	DG MN		DG MN	DISTANCE	ANGLE	SEVERITY	DG MN SC	DEG/100FT
7800	1 30	7799.47	-51.61	N 53 0 W	18.70 N	55.54 W	58.60 N 71 23 42 W	.238	
7875	1 30	7874.44	-53.56	N 40 0 W	20.04 N	56.95 W	60.37 N 70 36 56 W	.453	
<b>PROJECTED</b>									
7950	1 30	7949.42	-55.52	N 40 0 W	21.54 N	58.21 W	62.07 N 69 41 33 W	0.000	

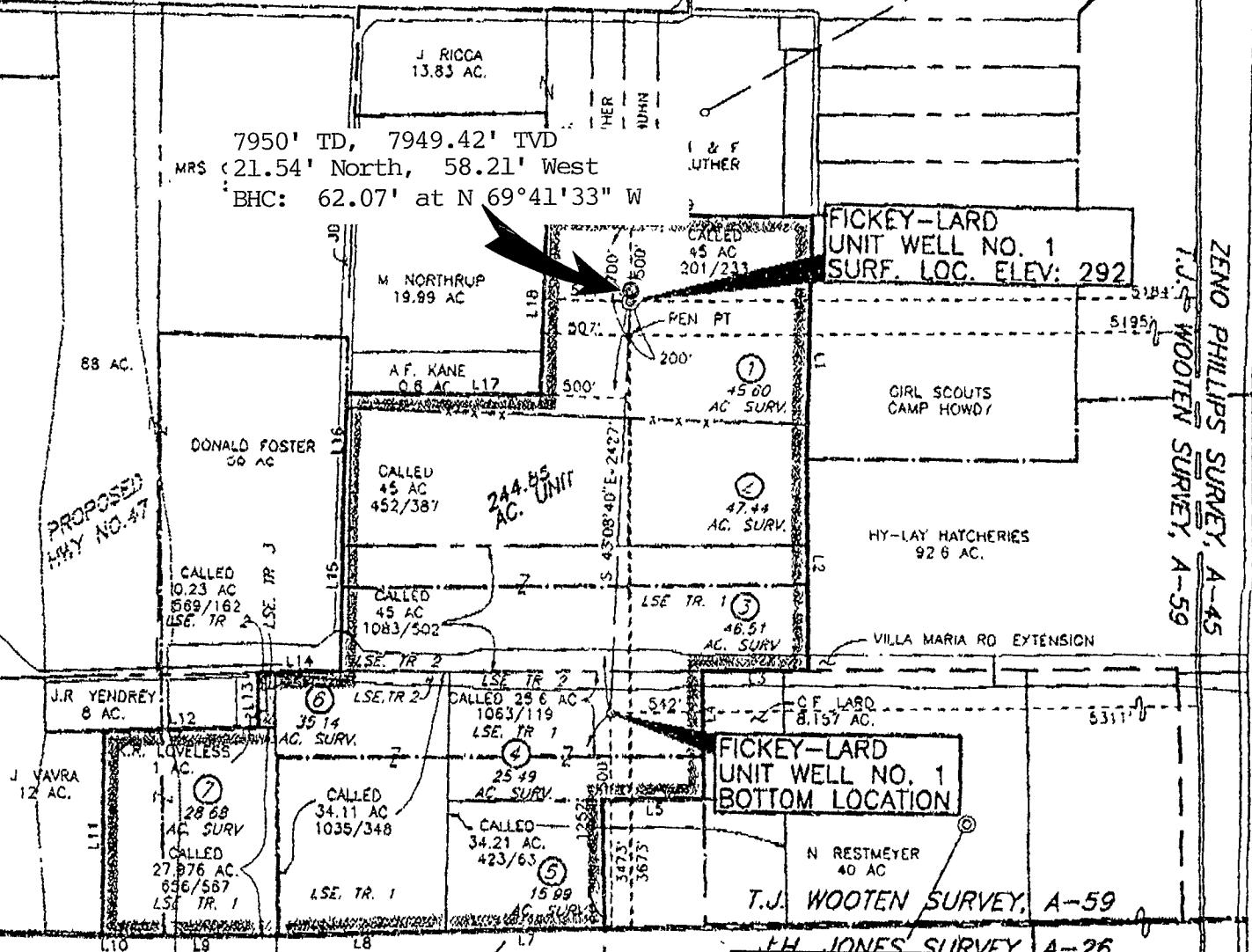
BOTTOM HOLE CLOSURE      62.07 FEET AT N 69 41 33 W



This is to certify that the Survey Readings from  
0' to 7950' were obtained by  
our Field Surveyors and represent, to the best of our  
knowledge, a true and accurate survey of the well at  
the time the Survey was run.

THE BOB FOURNET COMPANY  
  
Survey Supervisor

SCALE: 1" = 1000'



LINE	BEARING	DIST.
1	S 44°44'51"E	1419.03
2	S 46°16'08"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
6	S 46°31'27"E	753.48
7	S 43°34'11"W	931.35
8	S 42°47'36"W	931.88
9	S 44°25'13"W	897.08
10	S 44°32'27"W	129.70
11	N 45°00'24"W	1188.18
12	N 43°17'26"E	907.91
13	N 46°46'24"W	317.49
14	N 43°05'14"E	487.32
15	N 44°52'31"W	1071.73
16	N 44°20'47"W	558.58
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

NOTES.

1. BEARINGS BASED ON TRUE NORTH OBTAINED BY SOLAR OBSERVATION
2. WELL LOCATED S31°W-4 6MI FROM BRYAN
3. - - - - - INDICATES LIMITS OF UNIT
4. - - - - - INDICATES CITY LIMITS

This is to certify that the Survey Readings from 01 to 7950 were obtained by our Field Surveyors and represent, to the best of our knowledge, a true and accurate survey of the well at the time the Survey was run.

THE BOB FOURNET COMPANY

*Sam Siff*  
Survey Supervisor

FICKEY-LARD UNIT WELL NO. 1			
TRACT	ACREAGE IN UNIT	LEASE	VOL/PC
(1)	45.60	LAWRENCE J. FICKEY, etux	1038/658
(2)	47.44	FRED LUTHER, SR.	1242/550
(3)	48.51	LENA STEINOCHER, etux CURTIS F. LARD, etux & THOMAS W. LARD, etux	1241/245 1258/158
(4)	25.49	CURTIS F. LARD, etal	1258/152
(5)	15.99	CURTIS F. LARD, etux	1258/148
(6)	35.14	CLYDE C. & MILDRED J. BERGER, CO-TRUSTEES	1248/448
(7)	28.68	PAMELA KYBURZ	1251/799
244.85 TOTAL ACRES IN UNIT			

API #42-041-31666

WELL LOCATION

FICKEY-LARD UNIT WELL NO. 1  
UNION PACIFIC RESOURCES COMPANY

T.J. WOOTEN SURVEY, A-59

BRAZOS COUNTY, TEXAS



SURVEYED AUGUST, 1992

*S. M. K.*  
BY: S.M. KLING R.P.L.S. No 2003

SCALE: 1" = 1000'

AUGUST, 1992

► Return each W-1 with plat, applicable fee, and "W-1 Compliance Certificate" (W-1c). Make a check or money order payable to the State Treasurer of Texas

► Address to:  
Railroad Commission of Texas  
Oil and Gas Division, Drilling Permits  
P. O. Box 12967  
Austin, Texas 78711-2967

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

► File a copy of W-1 and plat in RRC District Office

► Read Instructions on Back

*8-20-92*

EFFECTIVE SEPT. 1, 1991, PERMIT APPLICATION FEE WILL VARY  
ACCORDING TO THE TOTAL DEPTH SHOWN IN ITEM NO. 9 BELOW.  
0-2000' - \$100,  
2001' - 4000' - \$125  
4001' - 9000' - \$150  
9001' or deeper - \$200

Purpose of filing (mark appropriate boxes):

Drill     Deepen (below casing)     Deepen (within casing)     Plug Back     Re-Enter

Horizontal     Directional Well     Sidetrack     Amended Permit (enter permit no. at right & explain fully in Remarks)

► API No.  
**42-041-31666**

► Permit No.  
**402516 dg**

► Rule 37 Case No.

1. Operator's Name (exactly as shown on Form P-5, Organization Report)  
**UNION PACIFIC RESOURCES COMPANY**

3. RRC Operator No.  
**876645**

4. RRC District No.  
**03**

5. County of Well Site  
**Brazos**

2. Address (including city and zip code)

*PLN 6/19/92*  
P.O. Box 7 - MS 3407  
Fort Worth, Texas 76101-0007

6. Lease Name (32 spaces maximum)

**Fickey-Lard Unit**

7. RRC Lease/ID No.

**1**

8. Well No.

**1**

9. Total Depth

**11,400**

10. Location

SL & TL:

• Section \_\_\_\_\_ Block \_\_\_\_\_ Survey **T.J. Wooten** Abstract No. A-**59**  
• This well is to be located **4.6** miles in a **SSW** direction from **Bryan, TX**,  
which is the nearest town in the county of the well site.

11. Distance from proposed location to nearest lease or unit line **500** ft. 12. Number of contiguous acres in lease, pooled unit, or unitized tract **244.85** (OUTLINE ON PLAT.)

**RECEIVED**  
**R.R.C. O&G**

13. FIELD NAME (Exactly as shown on RRC operation schedule)  
*ALIUSTIN, TEXAS*  
List all established and wildcat zones of anticipated completion. Attach additional Form W-1's as needed to list these zones. One zone per line.

Completion Depth	Spacing pattern (ft.)	Density pattern (acres)	Number of acres in drilling unit for this well. OUTLINE ON PLAT.	18. Is this acreage assigned to another well on this lease & in this reservoir? If so, explain in Remarks.	19. Distance from proposed location to nearest applied for, permitted, or completed well, this lease & reservoir. (ft.)	21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.	
						OIL	GAS
<i>34733500</i>				No	N/A	Oil	1
Giddings (Austin Chalk-3)	11,400	467/1200	160/80	244.85	No		0
Giddings (Austin Chalk, Gas)	11,400	467/1200	160/80	244.85	No	Gas	1
<i>34773350</i>							

22. Perpendicular surface location from two nearest designated lines:

• Lease Unit **500'** FN'lyNWL & **511'** FN'lySWL  
• Survey/Section **5184'** FNEL & **3673'** FSEL

If a directional well, show also projected bottom-hole location:

• Lease Unit **542'** FMidNEL & **500'** FMidSEL  
• Survey/Section **5311'** FNEL & **1252'** FSEL

23. Is this a pooled unit?

Yes  (Attach Form P-12 and certified plat.)    No

25. Is this wellbore subject to Statewide Rule 36 (hydrogen sulfide area)? Yes  No

26. Do you have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract? Yes  No   
If not, and if the well requires a Rule 37 or 38 exception, see Instructions for Rule 37.

Remarks

Penetration Point Location:

**700'** FN'lyNWL & **507** FN'lySWL of unit  
**5195'** FNEL & **3473'** FSEL of survey

I certify that information stated in this application is true and complete, to the best of my knowledge.

*Sharon Cook*

Sharon Cook/Regulatory Analyst

Signature

**08-18-92**

Name and title of operator's representative

**817-877-7792**

Date: mo. day yr.

Tel.: Area Code Number

• RRC Use Only •

*214135 6-19-92*

*402516*

## Instructions to Form W-1

**NOTICE:** A "W-1 COMPLIANCE CERTIFICATE" (FORM W-1c) MUST ACCOMPANY THIS PERMIT  
APPLICATION. THE W-1 APPLICATION CANNOT BE PROCESSED WITHOUT A FORM W-1c.

- A. **IMPORTANT:** Do not begin drilling operations on any location until you receive a drilling permit from the Commission, and the waiting-clause period, if specified in the permit, has ended.
- B. **Organization Report.** Before this application can be processed, a Form P-5, Organization Report, showing the exact operator name used on Form W-1, must be on file with the Commission in Austin.
- C. **Fee.** With each W-1 application or materially amended W-1 application, the applicant must submit the applicable fee to the Commission in Austin. A check or money order must be made payable to the State Treasurer of Texas. This fee is nonrefundable. An application will be considered materially amended if the amendment requires the issuance of a new permit. A materially amended application includes an application in which an additional field or a change in location or field is sought for a previously permitted well. However, if a new application and/or permit becomes necessary because of Commission action, the fee may be waived.
- D. **Surface casing.** Before the Commission will assign an allowable to a well, the operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Water Commission. Before drilling a well where Commission rules do not specify surface casing requirements, the operator must obtain a letter from the Department stating the protection depth. Write: TWC, Surface Casing, P. O. Box 13087, Capitol Station, Austin, Texas 78711-3087.
- E. **What to file.** File Form W-1, a plat, the applicable fee, and "W-1 Compliance Certificate" (W-1c) in the Commission's Austin office. Send a copy of the W-1 and plat to the RRC District Office that serves the county of the proposed well site.
- F. **Plat.** Each W-1 must be accompanied by a neat, accurate plat of the lease or unit which clearly shows the following:

**For a REGULAR location (where the proposed site conforms to Commission rules)**

- Drilling unit boundary for the proposed location and proration unit boundaries for each producing well on this lease or unit which is completed in the same field. Show the acreage contained in each unit. For Commission purposes, lease or unit acreage must be contiguous unless an exception to Statewide Rule 39 is granted. If a Rule 39 exception has previously been granted for the lease or unit, attach a copy of the RRC approval.
- Surface location of the proposed site. If the well is to be directionally drilled, show also the projected bottom-hole location.
- Perpendicular distance to nearest intersecting: (a) lease/unit lines and (b) survey/section lines. To avoid confusion, distinguish between the two sets of lines.
- Distance to nearest applied for, permitted, or completed well on this lease or unit in the same field.
- Section, block, or lot.
- Northerly direction.
- Scale. Where the size of the lease or unit will allow, use a scale of 1" = 1,000'. If it is not practical to show the entire lease or unit on the plat, attach a second plat, drawn to a scale no smaller than 1" = 2,000', to show the entire lease or unit in relation to the patent survey. Enter on Form W-1 (Item 12) the acreage for the entire lease or unit.
- On a pooled unit, outline the entire lease or unit as well as the individual tracts listed on Form P-12, Certificate of Pooling Authority.

**For a RULE 37 or RULE 38 Exception (where spacing or acreage is less than prescribed by rule)**

- A certified plat of the entire lease or unit which includes the information described above; and
- A list of the names and addresses of all offsetting operators or unleased mineral interest owners of each tract which is contiguous to the drill site tract. If you do not have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract, and if the well requires a Rule 37 or 38 exception, list also the name and address of the person who has this right. The list should refer to the plat clearly so as to enable the Commission to readily identify each tract and its operator or mineral owner.

**NOTE:** If you penetrate a Rule 37 or 38 zone in which you do not propose to complete at this time, you will not necessarily be allowed to use the existence of this wellbore as justification for an exception to complete this wellbore in such zone in the future.

## G. Specific Items.

**Item 13. Field name.** Use only field designations, including reservoir, approved by the Commission (not proposed field names). Enter "Wildcat" if the reservoir has no RRC field designation and give the total projected depth under "Completion Depth." If the well is to be drilled in a multi-pay area, list all established and wildcat zones for which a completion is proposed. If necessary, attach additional Form W-1's to list these zones.

**Item 15. Spacing pattern.** If the proposed location of the well is in a field with special field rules, enter the appropriate spacing pattern. If there are no field rules in effect, Statewide Rule 37 spacing applies. Rule 37 requires wells to be spaced at least 467 feet from lease lines and 1,200 feet from other wells completed in the same reservoir and on the same lease, with one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, a district (or county regular) rule will apply, with special spacing and depth controls for wells drilled to 5,000 feet or above.

**Item 16. Density pattern.** If the proposed location is in a field with special field rules, enter the appropriate density pattern. If there are no field rules in effect, Statewide Rules 37 and 38 apply, allowing one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, the special spacing and depth controls in Rule 38(b) govern density.

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

CERTIFICATE OF POOLING AUTHORITY

I, Sharon Cook, being of lawful age, being familiar with the matter, and having full knowledge of the facts set out, do state:

(1) That the acreage claimed for the purpose of establishing a pooled drilling or proration unit under applicable orders of the Railroad Commission of Texas, for the

NAME OF OPERATOR: UNION PACIFIC RESOURCES COMPANY

NAME OF POOLED UNIT: Fickey-Lard Unit WELL NO. 1

FIELD: Giddings (Austin Chalk-3) Brazos COUNTY,

TEXAS, contains 244.85 acres; that with respect to such pooled unit, as it is hereafter described, parties now owning a mineral interest or mineral interests (including royalty interests, working interests, or other mineral interests) therein either (1) acquired such interest as they now have subject to the provisions of an instrument or instruments now in effect and which permit the pooling of said interests or (2) have, by virtue of the execution of an instrument or instruments the provisions of which are now in effect, pooled such of said interests as they now own therein, in such manner that all of such pooled unit shall be considered by the Commission as one base tract as if all rights with respect thereto has been acquired under a single contract.

(2) That the pooled unit described in the preceding paragraph is made up of and contains the hereafter described individual tracts of land no part of which is embraced within any other pooled unit in the same field and which, by virtue of the pooling agreements referred to in the preceding paragraph, are now contained within the pooled unit herein described.

(3) That where a non-pooled undivided interest exists in any of the individual tracts pooled, that certain non-pooled interest is noted in the margin of this instrument beside the tract description to identify the existence of the non-pooled interests in that tract:

RECEIVED  
R.R.C. - O&G

AUG 19 1992

(OVER)

AUSTIN, TEXAS

**DESCRIPTION OF INDIVIDUAL TRACTS OR LEASES CONTAINED  
WITHIN POOLED UNIT REFERRED TO IN PARAGRAPH (1) ABOVE**

<b>NAME OF HOLDER OF LEASE</b>	<b>LEASE NAME</b>	<b>NO. OF ACRES</b>	<b>MARGIN</b>
Union Pacific Resources Company	Lawrence J. Fickey, et ux	45.60	
Union Pacific Resources Company	Fred Luther, Sr.	47.44	
Union Pacific Resources Company	Lena Steinocher, et ux Curtis F. Lard, et ux & Thomas W. Lard, et ux	46.51	
Union Pacific Resources Company	Curtis F. Lard, et ali	25.49	
Union Pacific Resources Company	Curtis F. Lard, et ux	15.99	
Union Pacific Resources Company	Clyde C. & Mildred J. Berger, Co-Trustees	35.14	
Union Pacific Resources Company	Pamela Kyburz	28.68	
<b>TOTAL UNIT ACREAGE</b>		<b>244.85</b>	

**CERTIFICATE:**

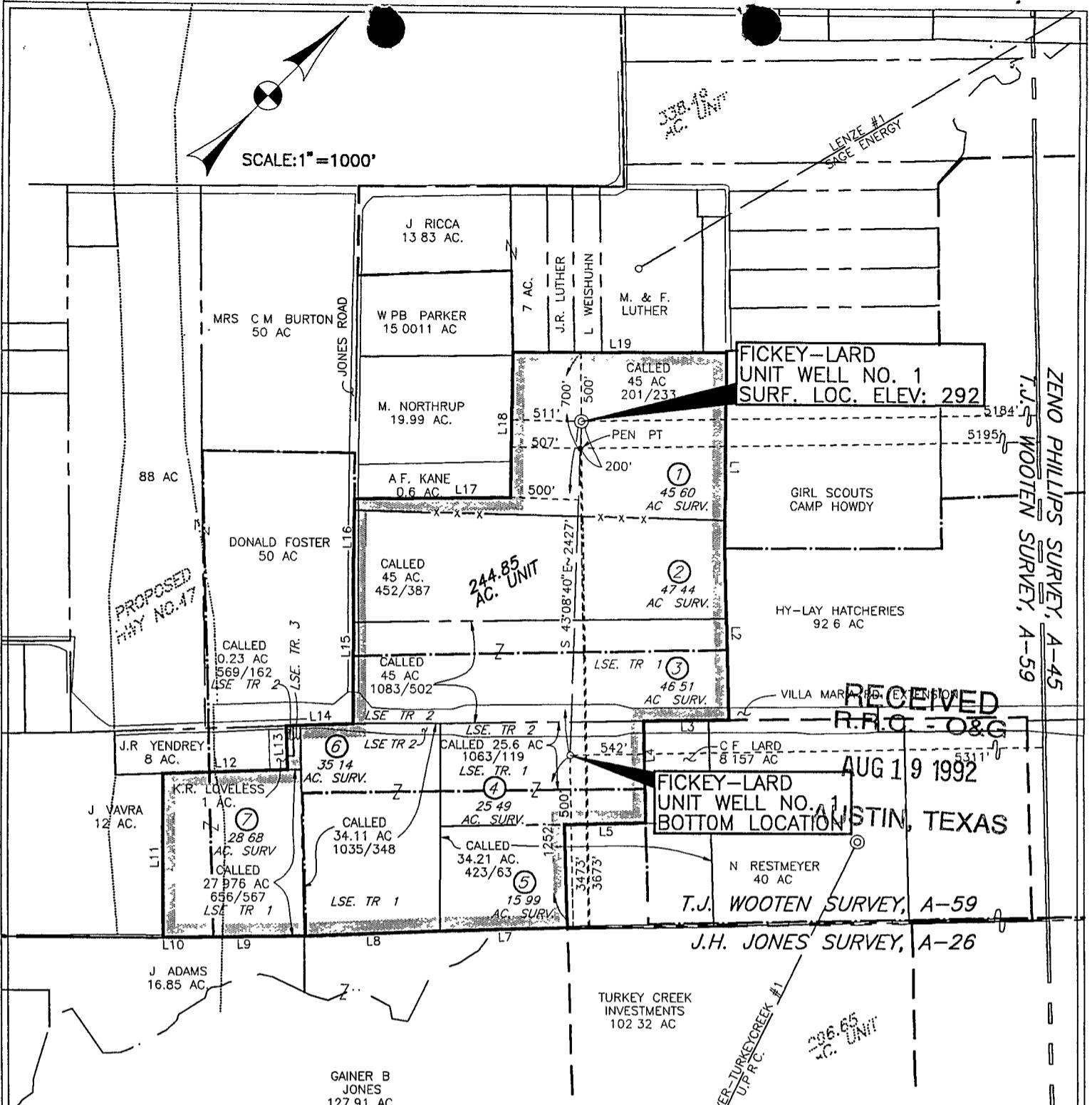
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Sharon Cook /Sharon Cook Regulatory Analyst 08-18-92  
 Representative of Operator Title Date  
 Telephone 817 877-7792  
 A/C Number

**INSTRUCTIONS**

Where two or more tracts are pooled to form either a drilling unit or a proration unit as permitted by Commission regulation, the operator thereof must furnish a certificate of pooling authority at the time action by the Commission is sought either for a permit to drill on a pooled drilling unit or for establishment of an allowable for a well on a pooled proration unit.

SCALE: 1"=1000'



**UNIT PERIMETER METES:**

LINE	BEARING	DIST.
1	S 44°44'51"E	1419.03
2	S 46°16'08"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
6	S 46°31'27"E	753.48
7	S 43°34'11"W	931.35
8	S 42°47'56"W	991.86
9	S 44°25'13"W	897.08
10	S 44°32'27"W	129.70
11	N 45°00'24"W	1188.16
12	N 43°17'26"E	907.91
13	N 46°46'24"W	317.49
14	N 43°05'14"E	487.32
15	N 44°52'31"W	1071.73
16	N 44°20'47"W	558.58
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

NOTES:

- 1 BEARINGS BASED ON TRUE NORTH OBTAINED BY SOLAR OBSERVATION
- 2 WELL LOCATED S31°W~4.6MI FROM BRYAN
- 3 [dotted line] INDICATES LIMITS OF UNIT
- 4 [solid line] INDICATES CITY LIMITS

**FICKEY-LARD UNIT WELL NO. 1**

TRACT	ACREAGE IN UNIT	LEASE	VOL/PG
(1)	45.60	LAWRENCE J. FICKEY, etux	1038/658
(2)	47.44	FRED LUTHER, SR.	1242/550
(3)	46.51	LENA STEINOCHER, etux CURTIS F. LARD, etux & THOMAS W. LARD, etux	1241/245 1258/158
(4)	25.49	CURTIS F. LARD, etali	1258/152
(5)	15.99	CURTIS F. LARD, etux	1258/148
(6)	35.14	CLYDE C. & MILDRED J. BERGER, CO-TRUSTEES	1248/448
(7)	28.68	PAMELA KYBURZ	1251/799

244.85 TOTAL ACRES IN UNIT



**WELL LOCATION**  
**FICKEY-LARD UNIT WELL NO. 1**  
**UNION PACIFIC RESOURCES COMPANY**

T.J. WOOTEN SURVEY, A-59

BRAZOS COUNTY, TEXAS

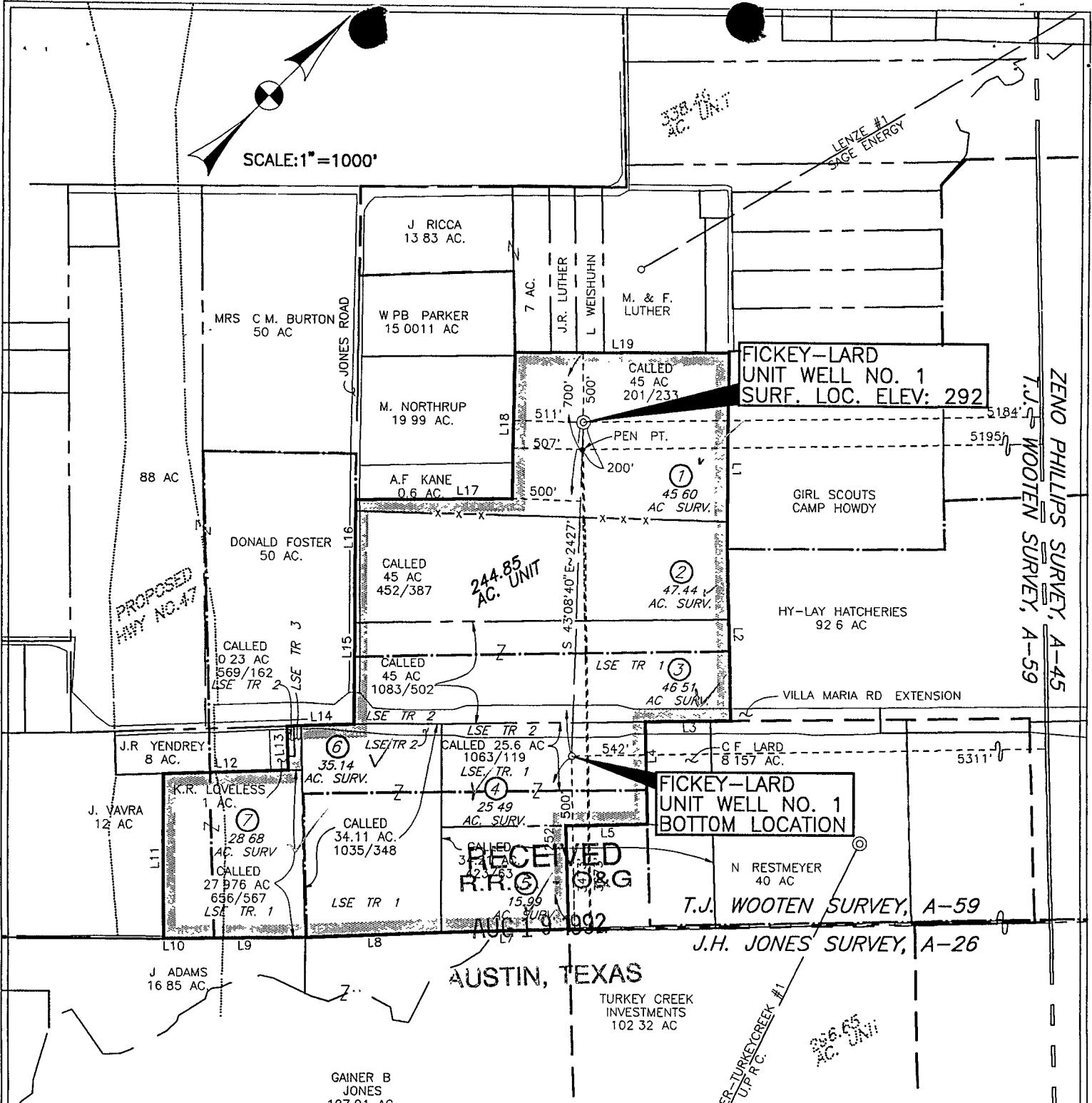
SURVEYED. AUGUST, 1992

  
BY. S.M. KLING R.P.L.S. No. 2003

SCALE: 1"=1000'

AUGUST, 1992

SCALE: 1"=1000'



**UNIT PERIMETER METES:**

LINE	BEARING	DIST.
1	S 44°44'51"E	1419.03
2	S 46°16'08"E	1252.45
3	S 43°56'55"W	618.85
4	S 46°13'01"E	740.61
5	S 43°58'51"W	593.45
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16	N 44°20'47"W	558.58
17	N 44°11'41"E	1137.11
18	N 44°15'49"W	1052.41
19	N 44°36'19"E	1559.99

NOTES:

- 1 BEARINGS BASED ON TRUE NORTH OBTAINED BY SOLAR OBSERVATION
- 2 WELL LOCATED S31°W ~ 4 MI FROM BRYAN
3. [Shaded area] INDICATES LIMITS OF UNIT
- 4 —— INDICATES CITY LIMITS

**FICKEY-LARD UNIT WELL NO. 1**

TRACT	ACREAGE IN UNIT	LEASE	VOL/PG
(1) ✓	45.60	LAWRENCE J. FICKEY, etux	1038/658
(2) ✓	47.44	FRED LUTHER, SR	1242/550
(3) ✓	46.51	LENA STEINOCHER, etux CURTIS F. LARD, etux & THOMAS W. LARD, etux	1241/245 1258/158
(4) ✓	25.49	CURTIS F. LARD, etali	1258/152
(5) "	15.99	CURTIS F. LARD, etux	1258/148
(6) ✓	35.14	CLYDE C. & MILDRED J. BERGER, CO-TRUSTEES	1248/448
(7) ✓	28.68	PAMELA KYBURZ	1251/799

244.85 TOTAL ACRES IN UNIT



SURVEYED: AUGUST, 1992

  
BY: S.M. KLING R.P.L.S. No. 2003

**WELL LOCATION**  
**FICKEY-LARD UNIT WELL NO. 1**  
**UNION PACIFIC RESOURCES COMPANY**

T.J. WOOTEN SURVEY, A-59

BRAZOS COUNTY, TEXAS

SCALE: 1"=1000'

AUGUST, 1992

# W-1 COMPLIANCE CERTIFICATION

FORM W-1C

rev. 10/11/91

Railroad Commission of Texas  
Oil and Gas Division  
P. O. Box 12967  
Austin, Texas 78711-2967

Reference: Texas Natural  
Resources Code 91.110

## ATTACH TO DRILLING PERMIT APPLICATION

**WHEN TO FILE:** A Form W-1C, "W-1 Compliance Certification," is to accompany any filing of Form W-1, "Application for Permit to Drill, Deepen, Plug Back, or Re-Enter." This includes initial and materially amended applications. The W-1C is attached only to the W-1 filed with Austin; a copy does not have to be attached to the W-1 copy filed with the district office.

This certification is binding on the named organization. Failure to file the W-1C will delay approval of the W-1 application. Knowingly filing a false certification statement may be a violation of TNRC 91.143 and may also subject a permit to denial or revocation. A permit that is issued on the basis of a certification statement that is later determined to be incorrect is also subject to revocation.

**VIOLATION** means non-compliance with Title 3, TNRC or a Commission rule, order, license, permit, or certificate that relates to safety or the prevention or control of pollution.

**OUTSTANDING FINAL ORDERS.** An organization has an outstanding final order against it if:

- a Commission order finding a violation has been entered and all appeals have been exhausted; or
- the Commission and the organization have entered into an agreed order relating to an alleged violation;

AND

- (1) the conditions that constituted a violation have not been corrected;
- (2) all administrative, civil, and criminal penalties relating to any conditions constituting a violation have not been paid; and
- (3) all reimbursements of costs and expenses assessed by the Commission to be collected in relation to any conditions constituting a violation have not been collected.

**CERTIFICATION STATEMENT:** I, on behalf of the named organization, certify to the best of my knowledge and that of the organization after reasonable inquiry, that within the last five years:

- (1) the applicant organization named below has no outstanding final orders against it; and
- (2) no owner of more than 25 percent ownership interest, officer, director, general partner, or trustee of the applicant organization named below has held a position of ownership or control in any organization (including the named organization) that has an outstanding final Commission order against it relating to a violation, during that period of ownership or control.

UNION PACIFIC RESOURCES COMPANY  
organization name



representative's signature

Sharon Cook

representative's name (print or type)

**RECEIVED**  
**R.R.C. O&G**

Regulatory Analyst

817-877-7792

AUG 19 1992

representative's title

08-18-92

phone number with area code

**AUSTIN, TEXAS**

date

# RAILROAD COMMISSION OF TEXAS

• OIL AND GAS DIVISION •



LENA GUERRERO, CHAIRMAN  
JAMES E. (JIM) NUGENT,  
COMMISSIONER  
BOB KRUEGER, COMMISSIONER

DAVID M. GARLICK  
DIRECTOR

JAMES W. WALKER, JR.  
DIRECTOR, PRODUCTION ALLOCATION

1701 N. CONGRESS

CAPITOL STATION - P.O. BOX 12967 AUSTIN, TEXAS 78711-2967

(512) 463-7288

August 24, 1992

UNION PACIFIC RESOURCES COMPANY  
P.O. BOX 7 - MS 3407  
FORT WORTH TX 76101-0007

RE: DIRECTIONAL DEVIATION

PERMIT #: 402516

LEASE: FICKEY-LARD UNIT

WELL #: 1

FIELD: SEE ATTACHMENT

COUNTY: BRAZOS

SURFACE LOCATION:

LEASE:	500.00 F N'LYNW	8	511.00 F N'LYSW
SURVEY:	5184.00 F NE	8	3673.00 F SE

BOTTOM HOLE LOCATION:

LEASE:	542.00 F MID NE	8	500.00 F MID SE
SURVEY:	5311.00 F NE	8	1252.00 F SE

OPERATOR :

This will be your authority in accordance with Statewide Rule 11 to directionally drill the subject well. Please bear in mind that this well will be directionally drilled at your own risk and no allowable will be assigned until this office is in receipt of a certified directional survey report made and filed in the manner prescribed in Statewide Rules 11 and 12 showing that exact surface location and bottomhole location of the well, together with a certified plat to adequate scale showing correct surface location and other pertinent information in order to determine exact bottomhole location.

A drilling permit for the well is being issued subject to review after receipt of all completion forms, together with such evidence as is necessary to show the exact bottomhole location of the deviated well. A copy of this permit must be furnished to the person in charge of directional control of the well, so such person will know the permitted bottomhole location to which the well is projected. Completion forms should be accompanied by a letter of transmittal giving reference to this letter as authority to directionally deviate the well. This procedure should be followed regardless of whether the well is completed either as a producer or as a dry hole.

Yours very truly,

A handwritten signature in black ink that reads "David C. Triana".

DAVID C. TRIANA, P.E.  
PRODUCTION ALLOCATION ENGINEER

cc: RRC - District Office HOUSTON  
Production and Proration

03

ATTACHMENT  
PERMIT #: 402516

FIELD: GIDDINGS (AUSTIN CHALK-3)

FIELD: GIDDINGS (AUSTIN CHALK, GAS)