

HOBBS OCD

12-50

Form 3160-3
(August 2007)

OCD-HOBBS DEC 14 2011

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Split Estate

APPLICATION FOR PERMIT TO DRILL OR REENTER

Lease Serial No.
NMNM 123537

6. If Indian, Allottee or Tribe Name

1a. Type of work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone8. Lease Name and Well No.
RLF Trust 25 Federal Com #1H

2. Name of Operator Texland Petroleum-Hobbs, LLC

9. API Well No.
30-025 - 403803a. Address 777 Main Street, Suite 3200
Fort Worth, Texas 761023b. Phone No. (include area code)
575-397-745010. Field and Pool, or Exploratory
East Garrett, Dinkard

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface 660' FNL & 330' FNL, Unit A

At proposed prod. zone 380' FNL & 330' FNL, Unit D

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 25, T16S, R38E14. Distance in miles and direction from nearest town or post office*
13 miles to Hobbs, NM12. County or Parish
Lea County13. State
NM15. Distance from proposed*
location to nearest
property or lease line, ft
(Also to nearest drig. unit line, if any)

330' FEL

16. No. of acres in lease
160 acres

17. Spacing Unit dedicated to this well

320 acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft

none

19. Proposed Depth 1275'
8500' TVD, 12,752' MD
Pilot Hole = 40' MD/40' TVD

20. BLM/BIA Bond No on file

NM B000593

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
3684' GL22. Approximate date work will start*
12/01/201123. Estimated duration
32 days drlg; 15 days completion

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM

25. Signature

Vickie Smith

Name (Printed/Typed)

Vickie Smith

Date

11/10/2011

Title

Regulatory Analyst

Approved by (Signature)

/s/ Don Peterson

Name (Printed/Typed)

/s/ Don Peterson

Date

DEC 12 2011

Title

FIELD MANAGER

Office

CARLSBAD FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

SUBJECT TO LIKE
APPROVAL BY STATE- spacing for this pool is 40 acres for oil,
160 vs 320?SEE ATTACHED FOR
CONDITIONS OF APPROVAL

LEA COUNTY CONTROLLED WATER BASIN

Approval Subject to General Requirements
& Special Stipulations Attached

TEXLAND PETROLEUM, L.P.

EXPLORATION AND PRODUCTION

777 MAIN STREET, SUITE 3200

FORT WORTH, TEXAS 76102

(817) 336-2751

HOBBS OCD

DEC 14 2011

September 21, 2011

RECEIVED

Ms. Ruth Fingado, Trustee
RLF Trust
13700 North Denver City Highway
Hobbs, New Mexico 88242

Re: Surface Use Agreement
Texland's RLF Trust 25 Federal #1
NENE Sec. 25, T16S - R39E
Lea County, New Mexico

Dear Ms. Fingado,

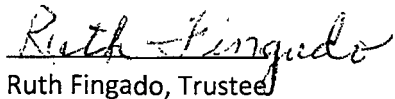
As you know, Texland is planning to drill an exploratory well on the captioned land where you own the surface but the oil and gas estate is owned by the USA-BLM. As part of our permitting process, Texland needs to inform the BLM that we have made an agreement with you regarding surface damages. We ask that you sign below to acknowledge our having entered into a surface damage agreement.

Please return this letter in the enclosed envelope. Thank you in advance for your assistance with this matter. Should you have questions, you may call me at 817-336-2751.

Sincerely,



Matt Blackstock
Landman



Ruth Fingado, Trustee

Encl.

SEP 27 2011

United States Department of the Interior
Bureau of Land Management
Carlsbad District
620 East Greene Street
Carlsbad, New Mexico 88220

HOBBS OCD

DEC 14 2011

RECEIVED

RE: RLF Trust 25 Federal #1H
Sec. 25, T16S, R38E
Lea County, New Mexico

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

OPERATOR NAME: Texland Petroleum-Hobbs, LLC
ADDRESS: 777 Main Street, Suite 3200
Fort Worth, Texas 76102

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below.

LEASE NO: USA NM NM 123537

LEGAL DESCRIPTION: 660' FNL & 330' FEL of Sec. 25,
T16S, R38E, N.M.P.M.
Lea County, New Mexico

FORMATIONS: Limited to the oil and gas rights from
surface to the base of the Drinkard.

BOND COVERAGE: State of New Mexico

BLM BOND FILE NO: ~~#588064, NM 2754~~ NMB000593 *MA*

Texland Petroleum-Hobbs, LLP

AUTHORIZED SIGNATURE:

by:


Greg Mendenhall

TITLE: Vice President - Operations

DATE: September 21, 2011

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

HOBBS OCD

DEC 14 2011

RECEIVED

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40380	Pool Code 27135	Pool Name East Garrett Drinkard
Property Code 38973	Property Name RLF TRUST 25 Federal Com	Well Number 1H
OGRID No. 113315	Operator Name TEXLAND PETROLEUM, LP	Elevation 3684'

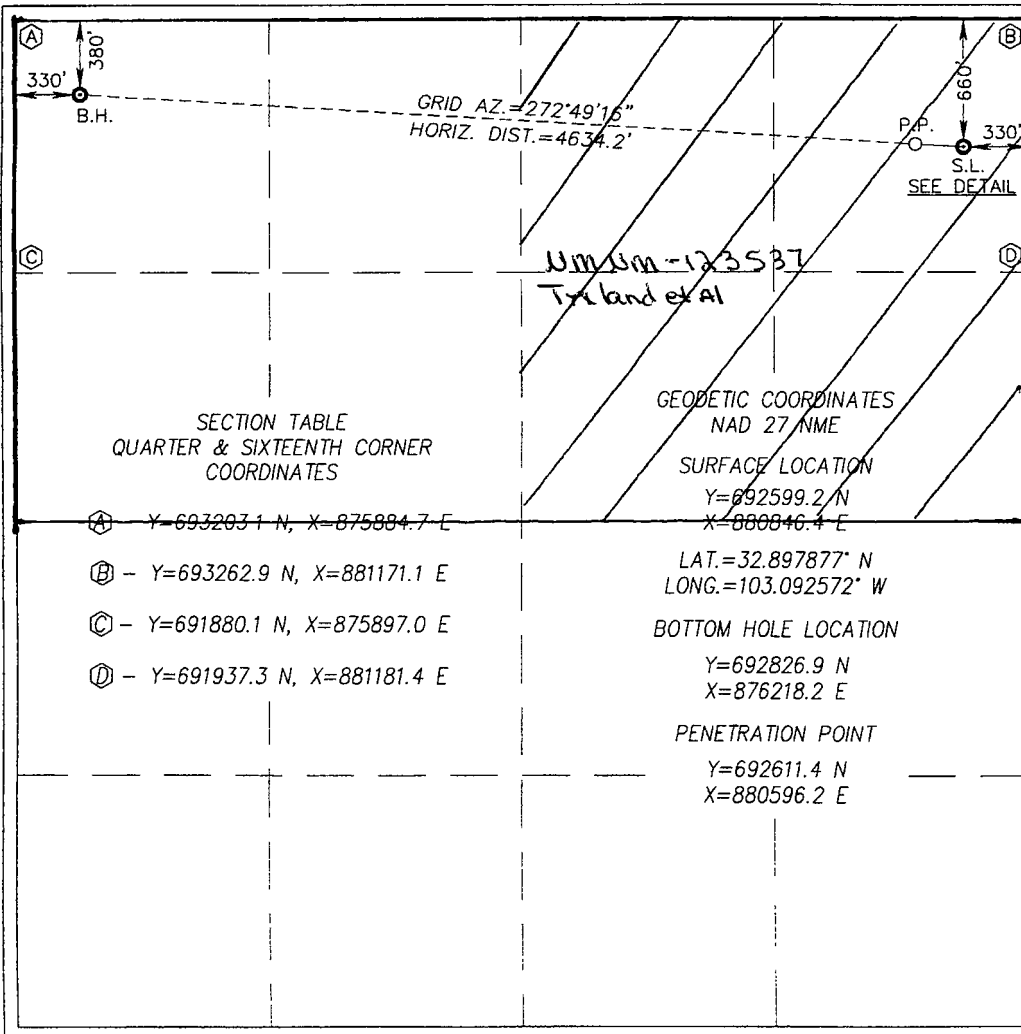
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	25	16-S	38-E		660	NORTH	330	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	25	16-S	38-E		380	NORTH	330	WEST	LEA
Dedicated Acres 320		Joint or Infill	Consolidation Code	Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Vickie Smith 9/29/11
Signature Date

Vickie Smith
Printed Name

vsmith@texpetro.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JULY 25, 2011

Date of Survey
Signature & Seal of Professional Surveyor:

Ronald J. Eidson 8/1/2011
Certificate Number Gary C. Eidson 12641
Ronald J. Eidson 3239
DSS SWSC W.O. 11.11.1524

September 21, 2011

United States Dept. of Interior
Bureau of Land Management
Carlsbad District Office
620 East Greene Street
Carlsbad, New Mexico

Re: Application for Permit to Drill
Texland Petroleum - Hobbs L.L.C.
RLF Trust 25 Federal #1H
Lea County, New Mexico
Lease No. NM NM-123537

Gentlemen:

Texland Petroleum - Hobbs, L.L.C respectfully requests permission to drill our RLF Trust 25 Federal #1H, located 660' FNL & 330' FEL of Sec. 25, T-16-S, R-38-E, Lea County, New Mexico, Federal Lease No. NM NM-123537. The proposed well will be drilled to a TD of approximately 8500' (TVD), 12,752' TMD. The location and work area has been staked. It is approximately 13 miles northeast of Hobbs, New Mexico.

In accordance with requirements stipulated in Federal Onshore Oil & Gas Order No. 1 under 43 CFR 3162.1, our Application for Permission to Drill and supporting evidence is hereby submitted.

Application for Permit to Drill: DRILLING PROGRAM

1. Form 3160.3, Application for Permit to Drill
2. Form C-102 location & acreage dedication plat certified by Ronald Eidson, Registered Land Surveyor No. 3239, in State of New Mexico dated August 11, 2011.
3. Elevation of the unprepared ground is 3684' above sea level.
4. Geologic name of surface formation is Tertiary.
5. Rotary drilling equipment will be utilized to drill the well to TD 8500' (TVD), and run/cement casing. A 7" whipstock will be set and a window cut at approx 8000' and a 6 1/4" hole approx 4752' in length to 12,752' MD / 8200' TVD will be drilled. This equipment will then be rigged down. Once the well has been evaluated it will be completed with a well servicing unit.
6. Proposed total depth is 8500' TVD, 12,752⁴' TMD.

7. Estimated tops of important geologic markers.

Base of Water	222' TVD
Rustler	2105' TVD
Salt Top	2190' TVD
Salt Base	3130' TVD
Yates	3130' TVD
7-Rivers	3320' TVD
San Andres	4990' TVD
Glorieta	6335' TVD
Tubb	7810' TVD
Drinkard	7965' TVD
L2-4 Marker	8025' TVD
L3-4 Marker	8095' TVD
L2-2 Marker	8215' TVD
L2-1 Marker	8345' TVD
TD	8500' TVD

8. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Depth of Fresh Water 89' (by USGS 325349103065301 16S.38E26.21113 site)

Possible oil/gas:	San Andres	5054' TVD
	Glorieta	6450' TVD
Primary objective:	Drinkard	8000' TVD

9. The proposed casing program is as follows:

Surface: 12 1/4" hole, 9 5/8" 36# J-55 ST&C new csg w/1.9 collapse design, 3.0 burst design, & 5.1 tension design safety factors, Set @ 2160', 28% excess of expected / 155% excess of true hole ←

Split String Production: 8 3/4" hole, 7" 23# N80 LT&C new csg w/1.4 collapse design, 2.2 burst design & 3.5 tension design safety factors, Set @ 8500', 38% excess of expected / 175% of excess of true hole ←

Production Liner: 6 1/4 " hole, new 4 1/2" 11.36# P110 ULT-FJ liner w/ 1.4 collapse design, 1.7 burst design & 4.1 tension design safety factors, Set from 7893' to 12752' MD / 8200' TVD, 34% excess of expected / 67% excess of true hole ←

MSO 0-6100'
HCP-110; LTC, 23# 640-85'

10. Casing setting depth and cementing program: *See step 9 for excess cement*

Surface: Cmt w/700 sks 35:65:6 POZ:C:Gel w/3% salt (12.5 ppg, 1.99 yld), followed w/250 sks Cl C cmt w/ 1% CaCl (14.8 ppg, 1.33 yld) *mk*

If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class C with 2% CaCl₂.

Production: Cmt w/1600 sks 35:65:6 POZ:H:Gel w/ 0.2% FL-52 (12.4 ppg, 1.99 yld), follow w/250 sks 15:61:11 POZ:C/CSE-2 w/ 0.5% FL-25 + 0.5% FL-52 (13.2 ppg, 1.3 yld) Est TOC @ surface
Liner: Cmt w/650 sks Cl H w/ 0.15% SMS, 1% BA-58, 0.2% DC-32, 1% FL-62 + 0.3% FL-52A (15.1 ppg, 1.28 yld), Circulated behind the 4 1/2" production liner from TD to liner top @ 7893'

Note: Cement volumes will be adjusted based on experience and fluid caliper

11. Pressure Control Equipment

0 - 2160' TVD None

2160' - 8500' TVD 11" 3M Hydraulically Actuated Double Ram BOP with *Annular,*
blind rams and one set pipe rams and a choke Manifold and
 accumulator with remote operating station. Pressure test
 prior to drill out and function test one (1) every 24 hrs.
 8000' - 12752' MD *4* ~~7-1/8"~~ *operator stated they will use* 11" ~~for entire~~
 3M Hydraulically Actuated Double Ram BOP with *hole,*
 blind rams and one set pipe rams and a choke Manifold and
 accumulator with remote operating station. Pressure test
 prior to drill out and function test one (1) every 24 hrs.

After setting the 9-5/8" casing, the blowout preventer and related control equipment shall be pressure tested to 3000 psi. Any equipment failing to test satisfactorily shall be repaired or replaced. Results of the BOP test will be recorded in the Driller's Log. The BOP will be maintained ready for use until drilling operations are completed.

BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulator shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the hydraulic preventers.

12. Mud Program:

0 - 2160' Drill w/FW for native vis & paper, 8.33 MW, Temp @ 83 deg F, Pressure @ 936#

2160' - 8500' Drill out w/brine wtr, circ through the closed loop system, use caustic soda for pH control, 10.3 MW, Temp @ 148 deg F, BH Pressure @ 4552#

8000' - 12752' MD Drill horizontal lateral w/ FW & polymer pills for solids control, circ through the closed loop system, 8.33 MW, Temp @ 148 deg F, BH Pressure @ 3552#

The bottom hole pressure of 3044 psi (0.356 psi/ft gradient) has been estimated from wells drilled and completed to the north and northwest, where regional drainage has been experienced. The formation is no longer a virgin pressure.

13. Testing, logging and Coring Program:

Logging Program: Open hole - GR/CNL/DLL

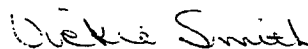
No abnormal temperatures or pressures anticipated. Estimated BHP 3044 psi, and estimated BHT 148 deg. H2S detection and monitoring equipment will be installed and will be in compliance with NMOCD. Contingency Plan is attached.

14. Anticipated starting date is December 1, 2011. It should take approximately 18 days to drill and case the vertical wellbore and another 14 days to drill and case the horizontal lateral. The completion will commence immediately thereafter for about 15 days.

15. The multi-point surface use & operation plan is attached.

If the Bureau of Land Management needs additional information to evaluate this application, please advise.

Sincerely,



Vickie Smith
Regulatory Analyst

Attachment 3160-3

Texland Petroleum-Hobbs, LLC

RLF Trust 25 Federal Com #1H

660' FNL & 330' FEL, Sec. 25, T16S, R38E, Lea County, New Mexico

Federal Lease No. NM NM-123537

8200' per directional plan 11/21/11
12754

PROPOSED TD: 8500' TVD, ~~12752'~~ MD

BOP PROGRAM:

0 - 2160'	None
2160' - 8500' TVD	11" 3M Hydraulically Actuated Double Ram BOP w/ blind rams and pipe rams, and function test once every 24 hrs
8000' - 12752' MD <i>12754</i>	7-1/16" 3M Hydraulically Actuated Double Ram BOP w/ blind rams and pipe rams, and function test once every 24 hrs

CASING:

Surface: 12 1/4" hole, 9 5/8" 36# J-55 ST&C new csg w/1.9 collapse design, 3.0 burst design, & 5.1 tension design safety factors, Set @ 2160',

Production: 8 3/4" hole, 7" 23# N80 & P110HC LT&C new csg w/1.4 collapse design, 2.2 burst design & 3.5 tension design safety factors, Set @ 8500'

Production Liner: 6 1/4" hole, new 4 1/2" 11.36# P110 ULT-FJ liner w/1.4 collapse design, 1.7 burst design & 4.1 tension design safety factors, Set from 7393' to 12752' (MD) / 8200' (TVD)

CEMENT:

Surface: Cmt w/700 sks 35:65:6 POZ:C:Gel w/3% salt (12.5 ppg, 1.99 yld), followed w/250 sks Cl C cmt w/ 1% CaCl (14.8 ppg, 1.33 yld) Est TOC @ surface

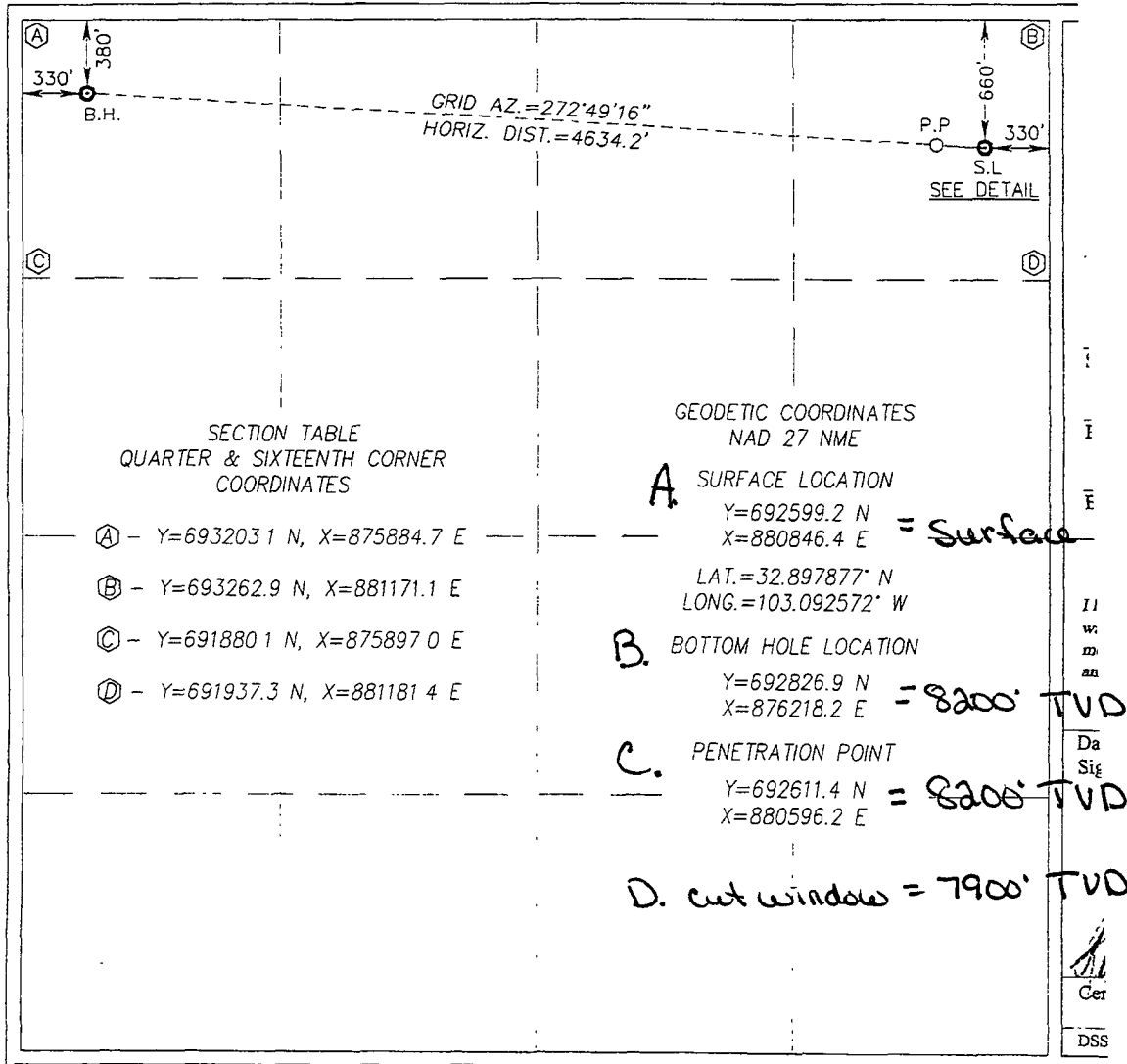
Production: Cmt w/1600 sks 35:65:6 POZ:H:Gel w/ 0.2% FL-52 (12.4 ppg, 1.99 yld), follow w/250 sks 15:61:11 POZ C/CSE-2 w/ 0.5% FL-25 + 0.5% FL-52 (13.2 ppg, 1.3 yld) Est TOC @ surface

Liner: Cmt w/650 sks Cl H w/.15% SMS, 1% BA-58, 0.2% CD-32, 1% FL-62 + 0.3% FL-52A (15.1 ppg, 1.28 yd) Circulated behind liner from TD to liner top @ ±7893'.

MUD:

0 - 2160'	Drill w/FW for native vis & paper, 8.33 MW, Temp @ 83 deg F, Pressure @ 936#
2160' - 8500'	Drill out w/brine wtr, circ through the closed loop system, use caustic soda for ph control, 10.3 MW, Temp @ 148 deg F, Pressure @ 4552#
8000 - 12752' MD	Drill horizontal lateral w/ FW & polymer pills for solids control, 8.33 MW, Temp @ 148 deg F, Pressure @ 3552#

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STAN

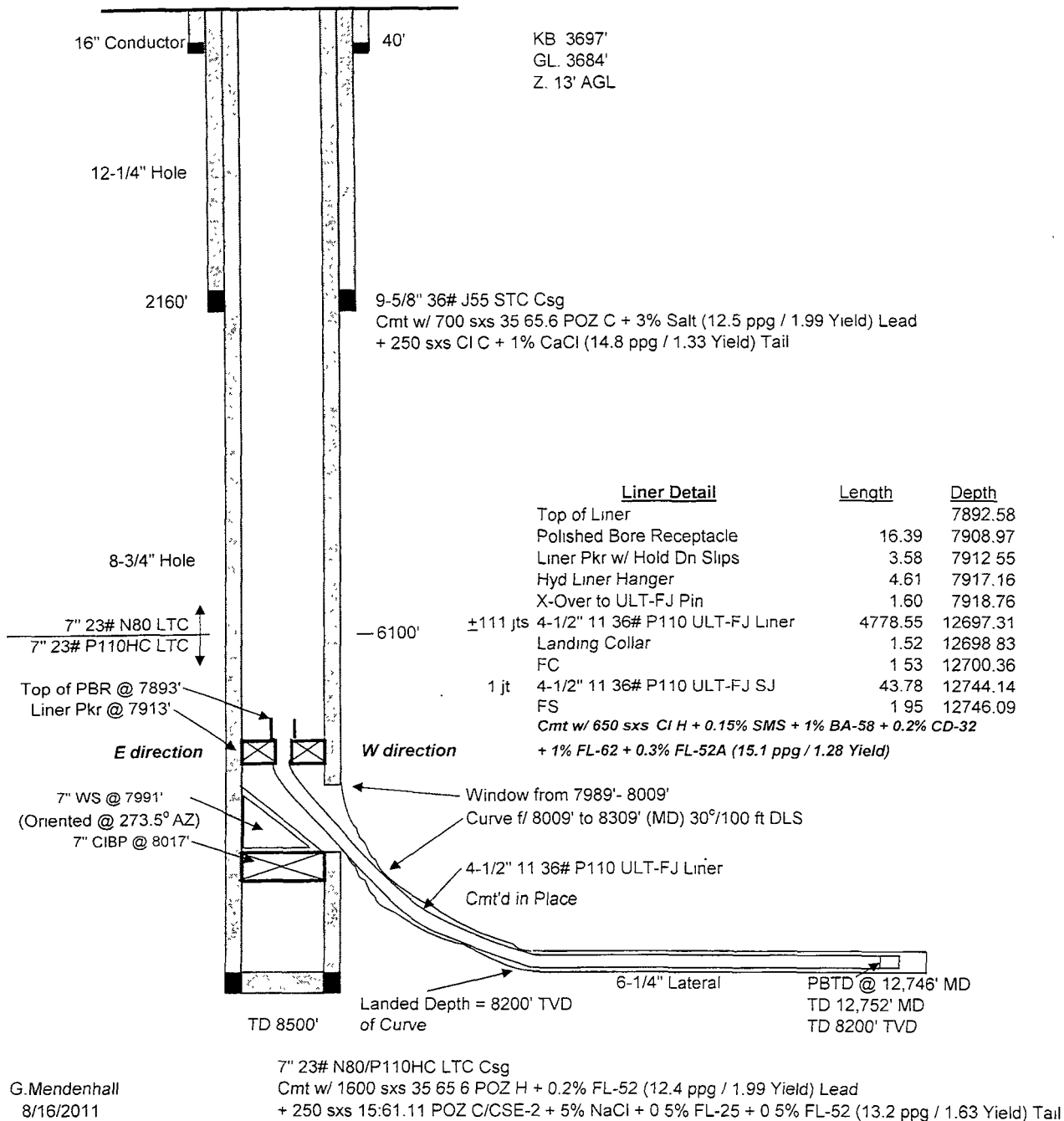


Directional Plan

(See attached "Proposed Wellbore Schematic")

Exhibit "F"
 Texland Petroleum, - Illinois, LLC

RLF Trust 25 #1H
Proposed Wellbore Schematic





Weatherford

Drilling Services

Proposal

TEXLAND PETROLEUM

RLF TRUST 25 FEDERAL COM #1H

LEA COUNTY, NM

WELL FILE: **PLAN 1**

OCTOBER 25, 2011

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432 561.8892 Main

+1.432 561.8895 Fax

www.weatherford.com

Texland Petroleum L.P.

RLF Trust 25 Federal Com #1H Lea Co, NM

SITE DETAILS

RLF Trust 25 Federal Com #1H
Site Centre Northing: 692599.20
Eastings: 860846.40
Ground Level: 3684.00
Positional Uncertainty: 0.00
Convergence: 0.67

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	T/East	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	8002.00	0.00	0.00	8002.00	0.00	0.00	0.00	0.00	0.00	
3	8017.00	2.00	272.82	8017.00	0.01	-0.26	13.33	272.82	0.26	
4	8022.00	2.00	272.82	8021.99	0.02	-0.44	0.00	0.00	0.44	
5	8305.38	90.00	272.82	8200.00	9.08	-184.54	31.06	0.00	184.77	
6	12754.32	90.00	272.82	8200.00	227.70	-4628.20	0.00	0.00	4633.80	Pbhl

FIELD DETAILS

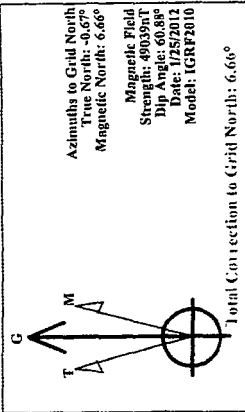
Lea Co, NM (Nnd 27)
Geodetic System: US State Plane Coordinate System 1927
Datum: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

WELL DETAILS

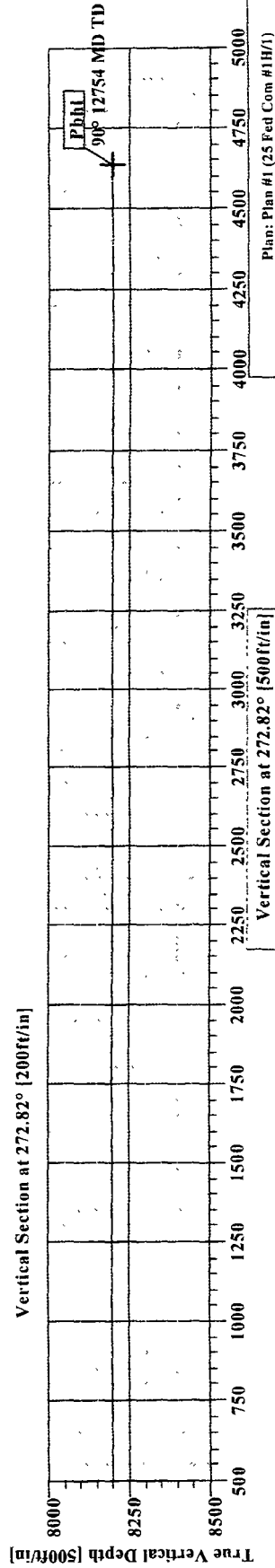
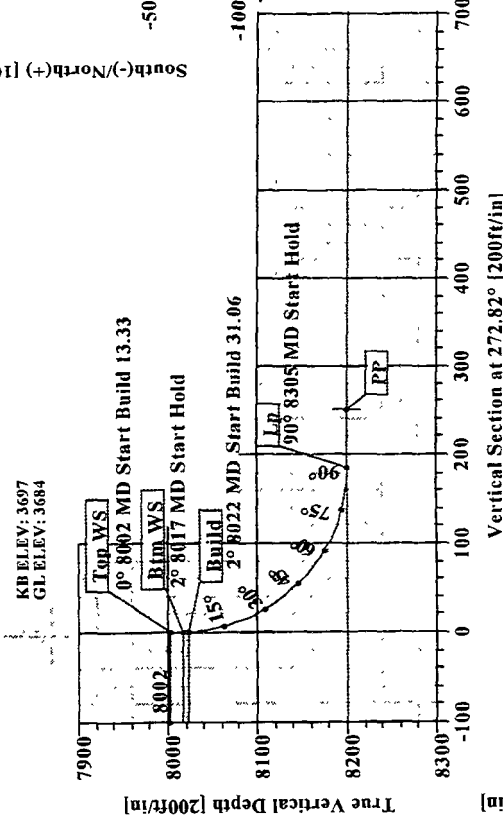
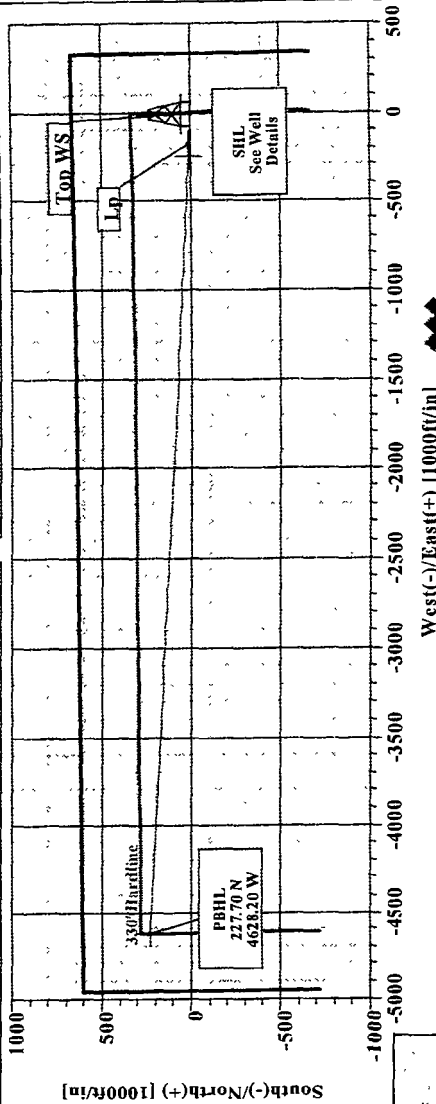
Name	+N/-S	+E/-W	Northing	Eastings	Latitude	Longitude	Spot
25 Fed Com #1H	0.00	0.00	692599.20	860846.40	32°53'52.357N	103°05'33.261W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Eastings	Shape
PP	8200.00	12.32	-250.19	692611.52	860596.31	Point
Pbhl	8200.00	227.70	-4628.20	692826.90	876218.20	Point



Total Correction to Grid North: 6.66°



Vertical Section at 272.82° [500ft/in]

Plan: Plan #1 (25 Fed Com #1H/1)

Created By: Russell W. Joyner

Date: 10/25/2011

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Texland Petroleum L.P.		Date: 10/25/2011		Time: 16:16:38		Page: 1	
Field: Lea Co, NM (Nad 27)		Co-ordinate(NE) Reference:		Well: 25 Fed Com #1H, Grid North			
Site: RLF Trust 25 Federal Com #1H		Vertical (TVD) Reference:		SITE 3697.0			
Well: 25 Fed Com #1H		Section (VS) Reference:		Well (0.00N,0.00E,272.82Azi)			
Wellpath: 1		Survey Calculation Method:		Minimum Curvature Db: Sybase			

Plan: Plan #1	Date Composed: 10/25/2011
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Lea Co, NM (Nad 27)

Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: RLF Trust 25 Federal Com #1H

Site Position:	Northing: 692599.20 ft	Latitude: 32 53 52.357 N
From: Map	Easting: 880846.40 ft	Longitude: 103 5 33.261 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3684.00 ft		Grid Convergence: 0.67 deg

Well: 25 Fed Com #1H	Slot Name:
Well Position:	
+N-S 0.00 ft	Northing: 692599.20 ft
+E-W 0.00 ft	Easting: 880846.40 ft
Position Uncertainty: 0.00 ft	
	Latitude: 32 53 52.357 N
	Longitude: 103 5 33.261 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 1/25/2012	Above System Datum: Mean Sea Level
Field Strength: 49039 nT	Declination: 7.33 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.88 deg
ft	+N-S ft
0.00	+E-W ft
	Direction deg
	272.82

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8002.00	0.00	0.00	8002.00	0.00	0.00	0.00	0.00	0.00	0.00	
8017.00	2.00	272.82	8017.00	0.01	-0.26	13.33	13.33	0.00	272.82	
8022.00	2.00	272.82	8021.99	0.02	-0.44	0.00	0.00	0.00	0.00	
8305.28	90.00	272.82	8200.00	9.08	-184.54	31.06	31.06	0.00	0.00	
12754.32	90.00	272.82	8200.00	227.70	-4628.20	0.00	0.00	0.00	0.00	Pbhl

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
8000.00	0.00	0.00	8000.00	0.00	0.00	0.00	0.00	692599.20	880846.40	
8002.00	0.00	0.00	8002.00	0.00	0.00	0.00	0.00	692599.20	880846.40	Top WS
8017.00	2.00	272.82	8017.00	0.01	-0.26	0.26	13.33	692599.21	880846.14	Btm WS
8022.00	2.00	272.82	8021.99	0.02	-0.44	0.44	0.00	692599.22	880845.96	Build
8100.00	26.23	272.82	8097.08	0.95	-19.29	19.32	31.06	692600.15	880827.11	
8200.00	57.29	272.82	8170.76	4.18	-85.00	85.11	31.06	692603.38	880761.40	
8300.00	88.36	272.82	8199.92	8.82	-179.27	179.48	31.06	692608.02	880667.13	
8305.28	90.00	272.82	8200.00	9.08	-184.54	184.77	31.06	692608.28	880661.86	Lp
8400.00	90.00	272.82	8200.00	13.73	-279.14	279.48	0.00	692612.93	880567.26	
8500.00	90.00	272.82	8200.00	18.65	-379.02	379.48	0.00	692617.85	880467.38	
8600.00	90.00	272.82	8200.00	23.56	-478.90	479.48	0.00	692622.76	880367.50	
8700.00	90.00	272.82	8200.00	28.48	-578.78	579.48	0.00	692627.68	880267.62	
8800.00	90.00	272.82	8200.00	33.39	-678.66	679.48	0.00	692632.59	880167.74	
8900.00	90.00	272.82	8200.00	38.30	-778.54	779.48	0.00	692637.50	880067.86	
9000.00	90.00	272.82	8200.00	43.22	-878.42	879.48	0.00	692642.42	879967.98	

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Texland Petroleum L.P. Field: Lea Co. NM (Nad 27) Site: RLF Trust 25 Federal Com #1H Well: 25 Fed Com #1H Wellpath: 1	Date: 10/25/2011 Co-ordinate(NE) Reference: Well: 25 Fed Com #1H, Grid North Vertical (TVD) Reference: SITE 3897.0 Section (VS) Reference: Well (0.00N,0.00E,272.82Azi) Survey Calculation Method: Minimum Curvature	Time: 16:16:38 Page: 2 Db: Sybase
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Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
9100.00	90.00	272.82	8200.00	48.13	-978.30	979.48	0.00	692647.33	879868.10	
9200.00	90.00	272.82	8200.00	53.04	-1078.18	1079.48	0.00	692652.24	879768.22	
9300.00	90.00	272.82	8200.00	57.96	-1178.06	1179.48	0.00	692657.16	879668.34	
9400.00	90.00	272.82	8200.00	62.87	-1277.94	1279.48	0.00	692662.07	879568.46	
9500.00	90.00	272.82	8200.00	67.79	-1377.82	1379.48	0.00	692666.99	879468.58	
9600.00	90.00	272.82	8200.00	72.70	-1477.69	1479.48	0.00	692671.90	879368.71	
9700.00	90.00	272.82	8200.00	77.61	-1577.57	1579.48	0.00	692676.81	879268.83	
9800.00	90.00	272.82	8200.00	82.53	-1677.45	1679.48	0.00	692681.73	879168.95	
9900.00	90.00	272.82	8200.00	87.44	-1777.33	1779.48	0.00	692686.64	879069.07	
10000.00	90.00	272.82	8200.00	92.36	-1877.21	1879.48	0.00	692691.56	878969.19	
10100.00	90.00	272.82	8200.00	97.27	-1977.09	1979.48	0.00	692696.47	878869.31	
10200.00	90.00	272.82	8200.00	102.18	-2076.97	2079.48	0.00	692701.38	878769.43	
10300.00	90.00	272.82	8200.00	107.10	-2176.85	2179.48	0.00	692706.30	878669.55	
10400.00	90.00	272.82	8200.00	112.01	-2276.73	2279.48	0.00	692711.21	878569.67	
10500.00	90.00	272.82	8200.00	116.93	-2376.61	2379.48	0.00	692716.13	878469.79	
10600.00	90.00	272.82	8200.00	121.84	-2476.49	2479.48	0.00	692721.04	878369.91	
10700.00	90.00	272.82	8200.00	126.75	-2576.37	2579.48	0.00	692725.95	878270.03	
10800.00	90.00	272.82	8200.00	131.67	-2676.24	2679.48	0.00	692730.87	878170.16	
10900.00	90.00	272.82	8200.00	136.58	-2776.12	2779.48	0.00	692735.78	878070.28	
11000.00	90.00	272.82	8200.00	141.49	-2876.00	2879.48	0.00	692740.69	877970.40	
11100.00	90.00	272.82	8200.00	146.41	-2975.88	2979.48	0.00	692745.61	877870.52	
11200.00	90.00	272.82	8200.00	151.32	-3075.76	3079.48	0.00	692750.52	877770.64	
11300.00	90.00	272.82	8200.00	156.24	-3175.64	3179.48	0.00	692755.44	877670.76	
11400.00	90.00	272.82	8200.00	161.15	-3275.52	3279.48	0.00	692760.35	877570.88	
11500.00	90.00	272.82	8200.00	166.06	-3375.40	3379.48	0.00	692765.26	877471.00	
11600.00	90.00	272.82	8200.00	170.98	-3475.28	3479.48	0.00	692770.18	877371.12	
11700.00	90.00	272.82	8200.00	175.89	-3575.16	3579.48	0.00	692775.09	877271.24	
11800.00	90.00	272.82	8200.00	180.81	-3675.04	3679.48	0.00	692780.01	877171.36	
11900.00	90.00	272.82	8200.00	185.72	-3774.92	3779.48	0.00	692784.92	877071.48	
12000.00	90.00	272.82	8200.00	190.63	-3874.80	3879.48	0.00	692789.83	876971.60	
12100.00	90.00	272.82	8200.00	195.55	-3974.67	3979.48	0.00	692794.75	876871.73	
12200.00	90.00	272.82	8200.00	200.46	-4074.55	4079.48	0.00	692799.66	876771.85	
12300.00	90.00	272.82	8200.00	205.38	-4174.43	4179.48	0.00	692804.58	876671.97	
12400.00	90.00	272.82	8200.00	210.29	-4274.31	4279.48	0.00	692809.49	876572.09	
12500.00	90.00	272.82	8200.00	215.20	-4374.19	4379.48	0.00	692814.40	876472.21	
12600.00	90.00	272.82	8200.00	220.12	-4474.07	4479.48	0.00	692819.32	876372.33	
12700.00	90.00	272.82	8200.00	225.03	-4573.95	4579.48	0.00	692824.23	876272.45	
12754.32	90.00	272.82	8200.00	227.70	-4628.20	4633.80	0.00	692826.90	876218.20	Pbhl

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec	← Longitude → Deg Min Sec
PP			8200.00	12.32	-250.19	692611.52	880596.21	32 53 52.508 N	103 5 36.193 W
Pbhl			8200.00	227.70	-4628.20	692826.90	876218.20	32 53 55.145 N	103 6 27.501 W

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Texland Petroleum L.P. Field: Lea Co, NM (Nad 27) Site: RLF Trust 25 Federal Com #1H Well: 25 Fed Com #1H Wellpath: 1	Date: 10/25/2011 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 16:16:38 Well: 25 Fed Com #1H, Grid North SITE 3697.0 Well (0.00N,0.00E,272.82Azi) Minimum Curvature	Page: 3 Db: Sybase
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Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
8002.00	8002.00	Top WS
8017.00	8017.00	Btm WS
8022.00	8021.99	Build
8305.28	8200.00	Lp
12754.31	8200.00	Pbhl

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

**Weatherford****Weatherford Drilling Services**

GeoDec v5.03

Report Date: October 25, 2011
Job Number: _____
Customer: Texland Petroleum L.P.
Well Name: RLF Trust 25 Fed Com #1H
API Number: _____
Rig Name: _____
Location: Lea Co, NM
Block: _____
Engineer: R Joyner

US State Plane 1927	Geodetic Latitude / Longitude
System: New Mexico East 3001 (NON-EXACT)	System: Latitude / Longitude
Projection: SPC27 Transverse Mercator	Projection: Geodetic Latitude and Longitude
Datum: NAD 1927 (NADCON CONUS)	Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866	Ellipsoid: Clarke 1866
North/South 692599.200 USFT	Latitude 32.8978766 DEG
East/West 880846.400 USFT	Longitude -103.0925724 DEG
Grid Convergence: .67°	
Total Correction: +6.66°	

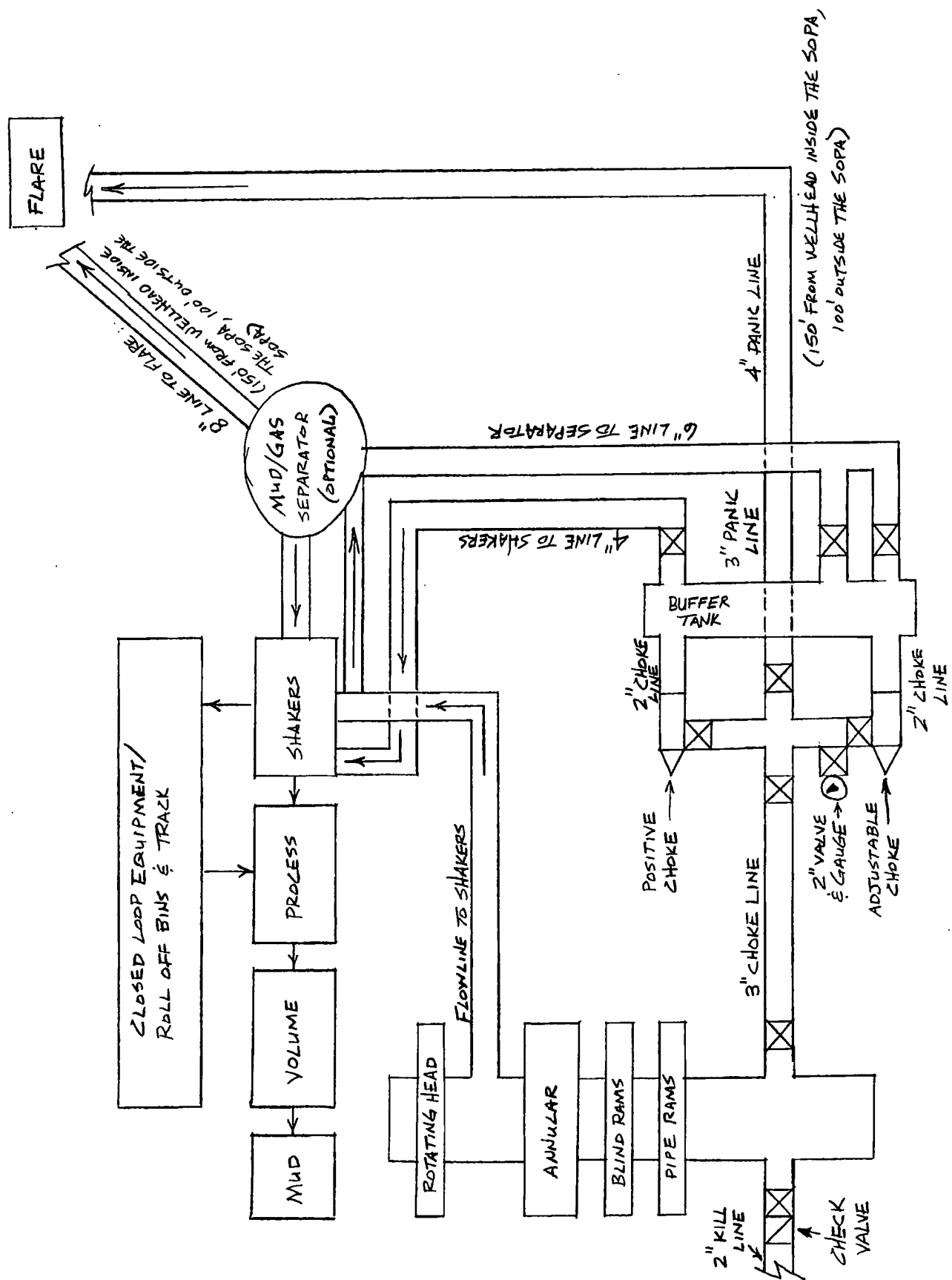
Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.89788° N	32° 53 min 52.356 sec
Longitude =	103.09257° W	103° 5 min 33.261 sec

Magnetic Declination =	7.33°	[True North Offset]
Local Gravity =	.9989 g	Checksum = 6747
Local Field Strength =	49035 nT	Magnetic Vector X = 23671 nT
Magnetic Dip =	60.88°	Magnetic Vector Y = 3047 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 42835 nT
Spud Date =	Jan 25, 2012	Magnetic Vector H = 23866 nT

Signed: _____

Date: _____

SUBJECT		PREPARED BY	
DATE		CALCULATIONS AND DESIGN DATA	
SHEET		OF	



BOP & CHOKER MANIFOLD SYSTEM
FOR CLOSED LOOP (3M & 5M SERVICE)