

30-025-41845

HOBBSOCD

JAN 02 2015

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5D Survey Report

Texland Petroleum L.P.

Field Name: *Lea Co, NM Nad 27 NMEZ*

Site Name: *RLF Trust 30 #3H*

Well Name: *RLF Trust 30 #3H*

Survey: *Wft MWD Svy*

30 October 2014



Weatherford®

FEB 04 2015

RLF Trust 30 #3H

Field Name Lea Co, NM Nad 27 NMEZ	Map Units : US ft		Company Name : Texland Petroleum L.P.	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD27 / New Mexico East			
	Comment :			
Site Name RLF Trust 30 #3H	Units : US ft	North Reference : Grid	Convergence Angle : 0.68	
	Position	Northing : 692894.00 US ft	Latitude : 32° 53' 54.64"	
		Easting : 886275.00 US ft	Longitude : -103° 4' 29.56"	
	Elevation above Mean Sea Level: 3672.00 US ft			
Comment :				
Slot Name RLF Trust 30 #3H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing : 692894.00 US ft	Latitude : 32°53'54.64"	
	+E / -W : 0.00 US ft	Easting : 886275.00 US ft	Longitude : -103°4'29.56"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3672.00 US ft				
Comment :				
Well Name RLF Trust 30 #3H	Type : Main well		UWI :	
	Rig Height Drill Floor : 11.00 US ft		Comment :	
	Relative to Mean Sea Level: 3683.00 US ft			
	Closure Distance : 2938.82 US ft		Closure Azimuth : 119.915°	
Vertical Section (Position of Origin Relative to Slot)				
+N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 120.11°				

Target Set

Name : RLF Trust 30 #3H **Number of Targets :** 7

Comment :

Target Name: Lp Tgt Shape: Cylinder	Position (Relative to Slot centre)			
	+N / -S : -226.00US ft	Northing : 692668.00US ft	Latitude : 32°53'52.40"	
	+E / -W : 52.00US ft	Easting : 886327.00 US ft	Longitude : -103°4'28.99"	
	TVD (Drill Floor) : 8160.00 US ft			
Orientation Azimuth : 0.00°		Inclination : 0.00°		
Dimensions Radius : 50.00 US ft		Length : 10.00 US ft		
Target Name: FTP Shape: Cylinder	Position (Relative to Slot centre)			
	+N / -S : -764.00US ft	Northing : 692130.00US ft	Latitude : 32°53'47.02"	
	+E / -W : 535.00US ft	Easting : 886810.00 US ft	Longitude : -103°4'23.40"	
	TVD (Drill Floor) : 8160.00 US ft			
Orientation Azimuth : 0.00°		Inclination : 0.00°		
Dimensions Radius : 50.00 US ft		Length : 10.00 US ft		

5D Survey Report

Target Name: T2	Position (Relative to Slot centre)	
	+N / -S : -934.00US ft	Northing : 691960.00US ft Latitude : 32°53'45.31"
Shape: Cylinder	+E / -W : 775.00US ft	Easting : 887050.00 US ft Longitude : -103°4'20.61"
	TVD (Drill Floor) : 8160.00 US ft	
Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions Radius : 50.00 US ft Length :10.00 US ft	
Target Name: T3	Position (Relative to Slot centre)	
	+N / -S : -934.00US ft	Northing : 691960.00US ft Latitude : 32°53'45.26"
Shape: Cylinder	+E / -W : 1165.00US ft	Easting : 887440.00 US ft Longitude : -103°4'16.03"
	TVD (Drill Floor) : 8160.00 US ft	
Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions Radius : 50.00 US ft Length :10.00 US ft	
Target Name: T4	Position (Relative to Slot centre)	
	+N / -S : -824.00US ft	Northing : 692070.00US ft Latitude : 32°53'46.31"
Shape: Cylinder	+E / -W : 1455.00US ft	Easting : 887730.00 US ft Longitude : -103°4'12.62"
	TVD (Drill Floor) : 8140.00 US ft	
Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions Radius : 50.00 US ft Length :10.00 US ft	
Target Name: T5	Position (Relative to Slot centre)	
	+N / -S : -824.00US ft	Northing : 692070.00US ft Latitude : 32°53'46.30"
Shape: Cylinder	+E / -W : 1580.00US ft	Easting : 887855.00 US ft Longitude : -103°4'11.15"
	TVD (Drill Floor) : 8140.00 US ft	
Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions Radius : 50.00 US ft Length :10.00 US ft	
Target Name: LTP	Position (Relative to Slot centre)	
	+N / -S : -1439.00US ft	Northing : 691455.00US ft Latitude : 32°53'40.10"
Shape: Cylinder	+E / -W : 2505.00US ft	Easting : 888780.00 US ft Longitude : -103°4'0.39"
	TVD (Drill Floor) : 8100.00 US ft	
Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions Radius : 50.00 US ft Length :10.00 US ft	

Survey Name : Wft MWD Svy

Date : 20/Oct/2014

Survey Tool : MWD

Comment :

Company : Wft

5D Survey Report

Survey Name : Wft MWD Svy**Magnetic Model**

Model Name: BGGM **Date:** 15/Oct/2014 **Field Strength:** 48732.1 nT **Declination:** 7.15° **Dip:** 60.81°

Tie Point

MD: 7878 **Inclination:** 0.18 **Azimuth:** 304.62 **TVD:** 7877.72 **North Offset:** -35.27 **East Offset:** -14.22

Well path created using minimum curvature

Survey Points (Relative to Slot centre, TVD relative to Drill Floor.)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
8009.00	9.72	82.85	8008.10	-33.77	-3.39	14.01	0.00	692860.23	886271.61	First Wft Svy
8041.00	13.29	104.86	8039.47	-34.38	2.85	19.71	17.49	692859.62	886277.85	
8072.00	19.43	114.31	8069.20	-37.42	11.00	28.29	21.53	692856.58	886286.00	
8104.00	27.62	120.78	8098.52	-43.42	22.25	41.03	26.80	692850.58	886297.25	
8135.00	35.63	127.06	8124.90	-52.55	35.65	57.21	27.91	692841.45	886310.65	
8167.00	44.78	135.26	8149.34	-66.22	51.07	77.39	32.98	692827.78	886326.07	
8198.00	54.22	138.69	8169.45	-83.46	67.09	99.91	31.58	692810.54	886342.09	
8230.00	63.59	143.59	8185.96	-104.80	84.21	125.42	32.07	692789.20	886359.21	
8261.00	71.84	147.93	8197.72	-128.50	100.31	151.24	29.59	692765.50	886375.31	
8292.00	80.01	152.11	8205.25	-154.53	115.30	177.26	29.42	692739.47	886390.30	
8321.00	88.11	154.60	8208.25	-180.29	128.22	201.36	29.21	692713.71	886403.22	
8352.00	95.96	162.60	8207.15	-209.09	139.51	225.57	36.13	692684.91	886414.51	
8382.00	96.59	159.59	8203.87	-237.29	149.17	248.08	10.19	692656.71	886424.17	
8414.00	93.36	155.49	8201.09	-266.74	161.35	273.39	16.27	692627.26	886436.35	
8446.00	90.21	154.37	8200.10	-295.71	174.90	299.64	10.45	692598.29	886449.90	
8478.00	93.50	154.82	8199.06	-324.60	188.62	326.00	10.38	692569.40	886463.62	
8510.00	96.23	155.36	8196.35	-353.51	202.05	352.13	8.70	692540.49	886477.05	
8541.00	97.93	156.25	8192.53	-381.57	214.65	377.11	6.18	692512.43	886489.65	
8573.00	98.07	156.58	8188.07	-410.61	227.33	402.65	1.11	692483.39	886502.33	
8605.00	97.29	156.83	8183.80	-439.74	239.87	428.11	2.56	692454.26	886514.87	
8637.00	94.83	156.29	8180.42	-468.93	252.53	453.70	7.87	692425.07	886527.53	
8668.00	92.66	155.61	8178.39	-497.18	265.14	478.78	7.33	692396.82	886540.14	
8700.00	92.45	155.55	8176.97	-526.29	278.35	504.81	0.68	692367.71	886553.35	
8732.00	91.96	155.58	8175.74	-555.40	291.58	530.86	1.53	692338.60	886566.58	
8763.00	92.17	155.39	8174.62	-583.59	304.43	556.12	0.91	692310.41	886579.43	
8794.00	91.19	152.29	8173.71	-611.40	318.09	581.89	10.48	692282.60	886593.09	
8826.00	91.82	149.82	8172.87	-639.39	333.57	609.32	7.96	692254.61	886608.57	
8857.00	91.47	146.73	8171.98	-665.74	349.87	636.63	10.03	692228.26	886624.87	
8889.00	90.42	143.66	8171.45	-692.01	368.13	665.61	10.14	692201.99	886643.13	
8921.00	90.00	140.07	8171.33	-717.18	387.88	695.32	11.30	692176.82	886662.88	
8953.00	89.30	136.81	8171.53	-741.12	409.11	725.70	10.42	692152.88	886684.11	
8985.00	89.23	133.25	8171.94	-763.75	431.72	756.61	11.13	692130.25	886706.72	
9016.00	89.23	130.22	8172.36	-784.38	454.85	786.97	9.77	692109.62	886729.85	
9048.00	89.86	126.71	8172.61	-804.28	479.90	818.62	11.14	692089.72	886754.90	
9079.00	90.49	123.35	8172.52	-822.07	505.28	849.50	11.03	692071.93	886780.28	
9110.00	90.84	120.65	8172.16	-838.50	531.57	880.48	8.78	692055.50	886806.57	
9141.00	91.05	118.02	8171.64	-853.68	558.58	911.47	8.51	692040.32	886833.58	
9173.00	90.84	116.08	8171.12	-868.23	587.08	943.42	6.10	692025.77	886862.08	
9205.00	89.93	114.43	8170.90	-881.88	616.02	975.30	5.89	692012.12	886891.02	
9236.00	89.65	112.83	8171.02	-894.31	644.42	1006.10	5.24	691999.69	886919.42	
9268.00	88.95	110.60	8171.41	-906.15	674.14	1037.76	7.30	691987.85	886949.14	
9300.00	88.74	109.83	8172.05	-917.20	704.16	1069.27	2.49	691976.80	886979.16	
9331.00	88.95	109.09	8172.68	-927.53	733.39	1099.73	2.48	691966.47	887008.39	
9363.00	89.51	107.15	8173.11	-937.48	763.80	1131.03	6.31	691956.52	887038.80	
9395.00	91.19	104.41	8172.91	-946.18	794.59	1162.03	10.04	691947.82	887069.59	
9427.00	93.08	101.31	8171.72	-953.30	825.76	1192.56	11.34	691940.70	887100.76	
9458.00	93.50	97.65	8169.94	-958.39	856.28	1221.52	11.86	691935.61	887131.28	
9490.00	93.85	94.14	8167.89	-961.67	888.04	1250.64	11.00	691932.33	887163.04	
9521.00	94.41	91.25	8165.65	-963.13	918.92	1278.09	9.47	691930.87	887193.92	
9552.00	94.77	88.74	8163.17	-963.12	949.82	1304.82	8.15	691930.88	887224.82	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
9584.00	94.21	85.80	8160.67	-961.60	981.68	1331.62	9.32	691932.40	887256.68	
9616.00	94.98	83.68	8158.10	-958.68	1013.44	1357.62	7.03	691935.32	887288.44	
9648.00	95.25	81.63	8155.25	-954.61	1045.05	1382.92	6.44	691939.39	887320.05	
9679.00	95.88	78.99	8152.24	-949.41	1075.46	1406.63	8.72	691944.59	887350.46	
9743.00	94.97	74.14	8146.19	-934.61	1137.41	1452.79	7.68	691959.39	887412.41	
9773.00	94.41	73.83	8143.74	-926.36	1166.15	1473.52	2.13	691967.64	887441.15	
9837.00	93.92	73.06	8139.09	-908.18	1227.33	1517.32	1.42	691985.82	887502.33	
9868.00	93.57	73.13	8137.06	-899.18	1256.93	1538.41	1.15	691994.82	887531.93	
9931.00	93.57	72.85	8133.14	-880.79	1317.06	1581.20	0.44	692013.21	887592.06	
9994.00	93.29	72.73	8129.37	-862.18	1377.13	1623.83	0.48	692031.82	887652.13	
10026.00	93.15	72.35	8127.57	-852.60	1407.61	1645.38	1.26	692041.40	887682.61	
10057.00	93.22	72.87	8125.85	-843.34	1437.14	1666.29	1.69	692050.66	887712.14	
10088.00	93.15	75.76	8124.13	-834.98	1466.94	1687.87	9.31	692059.02	887741.94	
10120.00	93.50	78.09	8122.27	-827.75	1498.06	1711.16	7.35	692066.25	887773.06	
10152.00	94.27	80.33	8120.10	-821.77	1529.41	1735.29	7.39	692072.23	887804.41	
10183.00	93.36	83.81	8118.04	-817.51	1560.05	1759.65	11.58	692076.49	887835.05	
10214.00	92.73	86.85	8116.39	-814.99	1590.90	1785.07	10.00	692079.01	887865.90	
10246.00	92.38	89.22	8114.97	-813.89	1622.84	1812.16	7.48	692080.11	887897.84	
10278.00	91.75	91.01	8113.81	-813.96	1654.82	1839.86	5.93	692080.04	887929.82	
10309.00	91.47	93.72	8112.94	-815.24	1685.78	1867.28	8.79	692078.76	887960.78	
10341.00	90.70	96.81	8112.34	-818.17	1717.63	1896.31	9.95	692075.83	887992.63	
10372.00	90.00	99.93	8112.15	-822.68	1748.30	1925.10	10.31	692071.32	888023.30	
10404.00	89.72	102.48	8112.23	-828.90	1779.69	1955.37	8.02	692065.10	888054.69	
10436.00	89.44	103.85	8112.46	-836.19	1810.84	1985.98	4.37	692057.81	888085.84	
10468.00	88.81	105.83	8112.95	-844.38	1841.77	2016.84	6.49	692049.62	888116.77	
10499.00	89.30	108.20	8113.46	-853.45	1871.41	2047.03	7.81	692040.55	888146.41	
10531.00	90.70	112.04	8113.46	-864.46	1901.45	2078.54	12.77	692029.54	888176.45	
10563.00	90.98	115.26	8112.99	-877.29	1930.75	2110.33	10.10	692016.71	888205.75	
10594.00	90.98	116.64	8112.46	-890.85	1958.62	2141.24	4.45	692003.15	888233.62	
10626.00	89.72	118.65	8112.26	-905.70	1986.97	2173.21	7.41	691988.30	888261.97	
10658.00	89.79	121.57	8112.40	-921.75	2014.65	2205.21	9.13	691972.25	888289.65	
10689.00	90.00	125.60	8112.46	-938.90	2040.47	2236.14	13.02	691955.10	888315.47	
10721.00	89.58	128.46	8112.58	-958.17	2066.01	2267.91	9.03	691935.83	888341.01	
10753.00	89.44	130.87	8112.85	-978.59	2090.64	2299.46	7.54	691915.41	888365.64	
10784.00	89.72	132.58	8113.08	-999.22	2113.78	2329.82	5.59	691894.78	888388.78	
10815.00	90.35	134.37	8113.06	-1020.55	2136.27	2359.98	6.12	691873.45	888411.27	
10846.00	91.40	136.14	8112.58	-1042.56	2158.09	2389.90	6.64	691851.44	888433.09	
10878.00	91.12	136.07	8111.88	-1065.62	2180.27	2420.65	0.90	691828.38	888455.27	
10910.00	90.56	136.32	8111.41	-1088.71	2202.42	2451.40	1.92	691805.29	888477.42	
10942.00	90.00	136.51	8111.26	-1111.89	2224.48	2482.11	1.85	691782.11	888499.48	
10973.00	91.26	137.55	8110.91	-1134.57	2245.61	2511.76	5.27	691759.43	888520.61	
11004.00	91.61	137.96	8110.14	-1157.51	2266.44	2541.30	1.74	691736.49	888541.44	
11036.00	92.31	137.99	8109.04	-1181.27	2287.85	2571.73	2.19	691712.73	888562.85	
11068.00	91.96	137.76	8107.85	-1204.98	2309.30	2602.19	1.31	691689.02	888584.30	
11098.00	91.61	137.82	8106.92	-1227.19	2329.45	2630.76	1.18	691666.81	888604.45	
11130.00	91.12	137.68	8106.15	-1250.87	2350.96	2661.24	1.59	691643.13	888625.96	
11161.00	91.12	137.63	8105.55	-1273.78	2371.83	2690.80	0.16	691620.22	888646.83	
11193.00	90.63	137.70	8105.06	-1297.43	2393.38	2721.30	1.55	691596.57	888668.38	
11225.00	90.21	137.55	8104.83	-1321.07	2414.95	2751.82	1.39	691572.93	888689.95	
11352.00	89.02	137.53	8105.68	-1414.76	2500.68	2872.98	0.94	691479.24	888775.68	Last Wft Svy
11421.00	89.02	137.53	8106.86	-1465.65	2547.26	2938.81	0.00	691428.35	888822.26	Proj. To Bit

As-Drilled Schematic

HORSCOD

JAN 02 2015

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12-1/4" Hole

9-5/8" 36# J55 STC Csg Cmt w/ 700 sxs 35:65:6 Poz C Gel + 3% Salt (12.8 ppg / 1.86 Yield) Lead + 250 sxs Cl C + 1% CaCl (14.8 ppg / 1.34 Yield) Tail Circ'd 196 sxs to surface	2171'
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8-3/4" Hole

Liner Pkr @ 7863'

NW direction

CS @ 7924'

SE direction

7" 26# L80 LTC Csg

Cmt w/ 1600 sxs 35:65:6 POZ:H:Gel + 0.2% FL-52 (12.4 ppg / 1.99 Yield) Lead

+ 220 sxs 15:61:11 POZ:C:CSE-2 + 5% NaCl + 0.5% FL-25 + 0.5% FL-52 (13.2 ppq / 1.63 Yield) Tail
Circ'd 147 sxs to surface

Curve f/ 7939' to 8329' (MD) 36.1°/100 ft DLS Max

4-1/2" 11.36# L-80 ULT-FJ Liner / Cmt'd in Place

G.Mendenhall
10/31/2014

Landed Depth = 8172' TVD
of Curve

6-1/8" Lateral

PBTD @ 11,366' MD
TD 11,421' MD
TD 8107' TVD



Scientific Drilling

30-025-41845

HOBBSOCD

JAN 02 2015

Gyroscopic Survey Report
for
TEXLAND PETROLEUM

RECEIVED

Well Location	LEA COUNTY, NEW MEXICO
Well Name	RLF TRUST 30-3H
Rig Number	NORTON 4
Survey Date	10/16/2014
Latitude	32.8985000°N
Longitude	103.0748800°W
North Reference	Grid North
Grid Correction	-0.68 deg
Depth Reference	RKB (12.70 ft)
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 201.92Azim (deg)
Definitive Survey	Final gyro survey
Operator(s)	IGOR CARRILLO / JORGE CHACIN / FRANK RENTERIA

Well Notes



Well Name: RLF TRUST 30-3H

Survey: Final gyro survey

Survey Date: 10/16/2014

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Closure Distance	Closure Direction
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.26	131.17	100.00	0.08	-0.15	0.17	0.26	0.23	131.17
300.00	0.43	82.20	300.00	-0.14	-0.35	1.26	0.16	1.31	105.67
500.00	0.55	91.86	499.99	-0.84	-0.28	2.96	0.07	2.97	95.47
700.00	0.39	87.16	699.98	-1.46	-0.28	4.60	0.08	4.61	93.49
900.00	0.11	110.73	899.98	-1.75	-0.31	5.45	0.15	5.46	93.28
1100.00	0.07	351.76	1099.98	-1.86	-0.26	5.61	0.08	5.62	92.61
1300.00	0.12	237.67	1299.98	-1.80	-0.24	5.42	0.08	5.42	92.59
1500.00	0.19	211.30	1499.98	-1.30	-0.64	5.07	0.05	5.11	97.20
1700.00	0.28	152.00	1699.98	-0.66	-1.35	5.12	0.12	5.30	104.79
1900.00	0.41	168.47	1899.97	0.24	-2.47	5.49	0.08	6.02	114.25
2100.00	0.84	199.90	2099.96	2.30	-4.54	5.13	0.27	6.86	131.49
2300.00	0.84	192.37	2299.94	5.19	-7.34	4.33	0.05	8.52	149.49
2500.00	0.86	194.04	2499.92	8.12	-10.22	3.65	0.02	10.85	160.36
2700.00	0.93	200.04	2699.89	11.23	-13.20	2.73	0.06	13.48	168.32
2900.00	1.12	199.13	2899.86	14.80	-16.57	1.53	0.10	16.64	174.72
3100.00	0.88	199.80	3099.83	18.29	-19.87	0.37	0.12	19.87	178.93
3300.00	0.85	195.01	3299.81	21.30	-22.74	-0.53	0.04	22.75	181.34
3500.00	0.72	179.51	3499.79	23.94	-25.44	-0.91	0.12	25.45	182.04
3700.00	0.53	185.36	3699.78	25.99	-27.62	-0.98	0.10	27.64	182.04
3900.00	0.68	212.92	3899.77	28.05	-29.55	-1.72	0.16	29.60	183.33
4100.00	0.19	191.29	4099.76	29.55	-30.87	-2.43	0.26	30.97	184.51
4300.00	0.39	161.39	4299.76	30.40	-31.85	-2.28	0.12	31.93	184.09
4500.00	0.14	327.31	4499.76	30.78	-32.30	-2.19	0.26	32.37	183.87
4700.00	0.05	2.43	4699.76	30.56	-32.01	-2.31	0.05	32.09	184.13
4900.00	0.14	209.45	4899.76	30.72	-32.13	-2.43	0.10	32.22	184.32
5100.00	0.23	301.38	5099.76	30.90	-32.14	-2.89	0.14	32.27	185.14
5300.00	0.19	336.98	5299.76	30.60	-31.64	-3.36	0.07	31.81	186.06
5500.00	0.31	269.48	5499.75	30.58	-31.34	-4.03	0.15	31.60	187.33
5700.00	0.18	192.85	5699.75	31.10	-31.65	-4.65	0.16	31.99	188.36
5900.00	0.06	0.25	5899.75	31.30	-31.84	-4.72	0.12	32.19	188.43
6100.00	0.26	221.29	6099.75	31.62	-32.07	-5.02	0.16	32.46	188.89
6300.00	0.33	241.74	6299.75	32.50	-32.68	-5.83	0.06	33.20	190.11
6500.00	0.25	191.51	6499.75	33.36	-33.38	-6.42	0.13	33.99	190.89
6700.00	0.33	233.74	6699.74	34.27	-34.14	-6.97	0.11	34.84	191.54
6900.00	0.24	276.67	6899.74	34.87	-34.43	-7.85	0.11	35.31	192.84



Well Name: RLF TRUST 30-3H
Survey: Final gyro survey
Survey Date: 10/16/2014

MD	Inc	Azim	TVD	VS	+N/-S	+E/-W	DLS	Closure Distance	Closure Direction
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
7100.00	0.49	273.82	7099.74	35.25	-34.32	-9.12	0.12	35.51	194.88
7300.00	0.42	245.48	7299.73	36.04	-34.57	-10.63	0.12	36.17	197.10
7500.00	0.28	254.81	7499.73	36.87	-35.00	-11.78	0.07	36.93	198.59
7700.00	0.53	260.26	7699.72	37.66	-35.29	-13.17	0.13	37.67	200.47
7878.00	0.18	304.62	7877.72	38.03	-35.27	-14.22	0.24	38.03	201.95

RLF Trust 30 #3H

Field: Lea Co, NM Nad 27 NMEZ

Map Units:	US ft
Vertical Reference Datum (VRD):	Mean Sea Level
Projected Coordinate System:	NAD27 / New Mexico East

Site: RLF Trust 30 #3H

Company Name:	Texland Petroleum L.P.
Units:	US ft
TVD Reference:	
Position:	

North Reference:	Grid	Convergence Angle: 0.68
Elevation above Mean Sea Level :	3672.00US ft	
Comment :		

Slot: RLF Trust 30 #3H

Position (Relative to Site centre)

+N/-S: 0.00US ft	Northing:	692894.00US ft	Latitude:	32° 53' 54.64"
+E/-W: 0.00US ft	Easting:	886275.00US ft	Longitude:	-103° 4' 29.56"
Elevation above Mean Sea Level :	3672.00US ft			
Comment :				

Well: RLF Trust 30 #3H

Type:	Main well	Rig Height (Drill Floor):	11.00US ft	Relative To Mean Sea Level:	3683.00US ft
File Number:					
Closure Distance:	2938.88US ft	Closure Azimuth:	119.915°		
Comment:					

Vertical Section:

Position of Origin (Relative to Slot centre)	+N/-S: 0.00US ft	+E/-W: 0.00US ft
Vertical Section Azimuth:	120.11°	

Target Set: RLF Trust 30 #3H

Number of Targets: 7

Target: Lp Tgt

Position: (Relative to Slot centre)

+N/-S: -226.00	Northing: 692668.00	Latitude: 32° 53' 52.40"
+E/-W: 52.00	Easting: 886327.00	Longitude: -103° 4' 28.99"
TVD (Drill Floor) :	8160.00 US ft	
Shape: Cylinder		
Orientation	Inclination: 0.00°	Azimuth: 0.00°

Dimensions			
Radius: 50.00		Length: 10.00	
Target: FTP			
Position: (Relative to Slot centre)			
+N/-S: -764.00		Northing: 692130.00	Latitude: 32°53'47.02"
+E/-W: 535.00		Easting: 886810.00	Longitude: -103°4'23.40"
TVD (Drill Floor) :		8160.00 US ft	
Shape: Cylinder			
Orientation		Inclination: 0.00°	Azimuth: 0.00°
Dimensions			
Radius: 50.00		Length: 10.00	
Target: T2			
Position: (Relative to Slot centre)			
+N/-S: -934.00		Northing: 691960.00	Latitude: 32°53'45.31"
+E/-W: 775.00		Easting: 887050.00	Longitude: -103°4'20.61"
TVD (Drill Floor) :		8160.00 US ft	
Shape: Cylinder			
Orientation		Inclination: 0.00°	Azimuth: 0.00°
Dimensions			
Radius: 50.00		Length: 10.00	
Target: T3			
Position: (Relative to Slot centre)			
+N/-S: -934.00		Northing: 691960.00	Latitude: 32°53'45.26"
+E/-W: 1165.00		Easting: 887440.00	Longitude: -103°4'16.03"
TVD (Drill Floor) :		8160.00 US ft	
Shape: Cylinder			
Orientation		Inclination: 0.00°	Azimuth: 0.00°
Dimensions			
Radius: 50.00		Length: 10.00	
Target: T4			
Position: (Relative to Slot centre)			
+N/-S: -824.00		Northing: 692070.00	Latitude: 32°53'46.31"
+E/-W: 1455.00		Easting: 887730.00	Longitude: -103°4'12.62"
TVD (Drill Floor) :		8140.00 US ft	
Shape: Cylinder			
Orientation		Inclination: 0.00°	Azimuth: 0.00°
Dimensions			
Radius: 50.00		Length: 10.00	
Target: T5			
Position: (Relative to Slot centre)			
+N/-S: -824.00		Northing: 692070.00	Latitude: 32°53'46.30"
+E/-W: 1580.00		Easting: 887855.00	Longitude: -103°4'11.15"

TVD (Drill Floor) :		8140.00 US ft								
Shape: Cylinder										
Orientation		Inclination: 0.00°		Azimuth: 0.00°						
Dimensions										
Radius: 50.00		Length: 10.00								
Target: LTP										
Position: (Relative to Slot centre)										
+N/- S: -1439.00		Northing: 691455.00		Latitude: 32°53'40.10"						
+E/- W: 2505.00		Easting: 888780.00		Longitude: -103°4'0.39"						
TVD (Drill Floor) :		8100.00 US ft								
Shape: Cylinder										
Orientation		Inclination: 0.00°		Azimuth: 0.00°						
Dimensions										
Radius: 50.00		Length: 10.00								
Casing Points: (Relative to Slot Centre, TVD Relative to Drill Floor)										
MD	Inc	Az.	TVD	N.Offset	E.Offset	Northing	Easting	Name		
(US ft)	(°)	(°)	(US ft)	(US ft)	(US ft)	(US ft)	(US ft)			
Wellpath created using minimum curvature										
Survey										
Name		Definitive Survey		Company						
Magnetic Parameters:										
Model: BGGM		Field Strength: 48777.2 nT		Declination: 7.14 °		Dip: 60.81 °		Date: 05/Jul/2014 (dd/mm/yyyy)		
Survey Tool Ranges:										
Survey Tool	Start MD (US ft)		End MD (US ft)		Source Survey					
NSG Cont	0		7878		Gyro					
MWD	7878		11421		Wft MWD Svy					
Survey Points: (Relative to Slot Centre, TVD Relative to Drill Floor)										
MD	Inc	Az	TVD	N.Offset	E.Offset	VS	DLS	Northing	Easting	Comment
(US ft)	(°)	(°)	(US ft)	(US ft)	(US ft)	(US ft)	(°/100 US ft)	(US ft)	(US ft)	
0	0	0	0	0	0	0	0	692894	886275	
98	0.26	131.17	98	-0.15	0.17	0.22	0.27	692893.85	886275.17	
100	0.27	129.22	100	-0.15	0.17	0.23	0.67	692893.85	886275.17	
300	0.43	82.2	300	-0.35	1.28	1.28	0.16	692893.65	886276.28	
500	0.55	91.86	499.99	-0.28	2.99	2.72	0.07	692893.72	886277.99	
700	0.39	87.16	699.98	-0.28	4.63	4.14	0.08	692893.72	886279.63	
900	0.11	110.73	899.98	-0.31	5.48	4.9	0.15	692893.69	886280.48	
1100	0.07	351.76	1099.98	-0.26	5.65	5.01	0.08	692893.74	886280.65	
1300	0.12	237.67	1299.98	-0.25	5.45	4.84	0.08	692893.75	886280.45	
1500	0.19	211.3	1499.98	-0.64	5.1	4.74	0.05	692893.36	886280.1	

1700	0.28	152	1699.98	-1.36	5.16	5.14	0.12	692892.64	886280.16
1900	0.41	168.47	1899.97	-2.49	5.53	6.04	0.08	692891.51	886280.53
2100	0.84	199.9	2099.96	-4.57	5.18	6.77	0.27	692889.43	886280.18
2300	0.84	192.37	2299.94	-7.38	4.36	7.48	0.06	692886.62	886279.36
2500	0.86	194.04	2499.92	-10.27	3.69	8.34	0.02	692883.73	886278.69
2700	0.93	200.04	2699.89	-13.25	2.77	9.04	0.06	692880.75	886277.77
2900	1.12	199.13	2899.86	-16.62	1.57	9.69	0.1	692877.38	886276.57
3100	0.88	199.8	3099.83	-19.91	0.41	10.34	0.12	692874.09	886275.41
3300	0.85	195.01	3299.81	-22.79	-0.5	11	0.04	692871.21	886274.5
3500	0.72	179.51	3499.79	-25.48	-0.87	12.03	0.12	692868.52	886274.13
3700	0.53	185.36	3699.78	-27.66	-0.95	13.06	0.1	692866.34	886274.05
3900	0.68	212.92	3899.77	-29.57	-1.68	13.39	0.16	692864.43	886273.32
4100	0.19	191.29	4099.76	-30.9	-2.39	13.43	0.25	692863.1	886272.61
4300	0.39	161.39	4299.76	-31.87	-2.24	14.05	0.12	692862.13	886272.76
4500	0.14	327.31	4499.76	-32.31	-2.15	14.35	0.26	692861.69	886272.85
4700	0.05	2.43	4699.76	-32.01	-2.28	14.09	0.05	692861.99	886272.72
4900	0.14	209.45	4899.76	-32.14	-2.39	14.05	0.09	692861.86	886272.61
5100	0.23	301.38	5099.76	-32.14	-2.86	13.65	0.14	692861.86	886272.14
5300	0.19	336.98	5299.76	-31.63	-3.33	12.99	0.07	692862.37	886271.67
5500	0.31	269.48	5499.75	-31.33	-4	12.26	0.15	692862.67	886271
5700	0.18	192.85	5699.75	-31.64	-4.61	11.88	0.16	692862.36	886270.39
5900	0.06	0.25	5899.75	-31.84	-4.68	11.92	0.12	692862.16	886270.32
6100	0.26	221.29	6099.75	-32.08	-4.98	11.78	0.15	692861.92	886270.02
6300	0.33	241.74	6299.75	-32.69	-5.79	11.39	0.06	692861.31	886269.21
6500	0.25	191.51	6499.75	-33.39	-6.38	11.23	0.13	692860.61	886268.62
6700	0.33	233.74	6699.74	-34.16	-6.93	11.14	0.11	692859.84	886268.07
6900	0.24	276.67	6899.74	-34.45	-7.81	10.52	0.11	692859.55	886267.19
7100	0.49	273.82	7099.74	-34.35	-9.08	9.37	0.13	692859.65	886265.92
7300	0.42	245.48	7299.73	-34.59	-10.6	8.18	0.12	692859.41	886264.4
7500	0.28	254.81	7499.73	-35.02	-11.74	7.41	0.08	692858.98	886263.26
7700	0.53	260.26	7699.72	-35.31	-13.12	6.36	0.13	692858.69	886261.88
7878	0.18	304.62	7877.72	-35.29	-14.17	5.45	0.24	692858.71	886260.83
8009	9.72	82.85	8008.1	-33.79	-3.34	14.07	7.52	692860.21	886271.66
8041	13.29	104.86	8039.47	-34.4	2.9	19.77	17.49	692859.6	886277.9
8072	19.43	114.31	8069.2	-37.44	11.06	28.35	21.53	692856.56	886286.06
8104	27.62	120.78	8098.52	-43.44	22.3	41.08	26.8	692850.56	886297.3
8135	35.63	127.06	8124.9	-52.57	35.71	57.26	27.91	692841.43	886310.71
8167	44.78	135.26	8149.34	-66.24	51.12	77.45	32.98	692827.76	886326.12
8198	54.22	138.69	8169.45	-83.48	67.15	99.96	31.58	692810.52	886342.15
8230	63.59	143.59	8185.96	-104.82	84.27	125.48	32.07	692789.18	886359.27
8261	71.84	147.93	8197.72	-128.52	100.36	151.29	29.59	692765.48	886375.36
8292	80.01	152.11	8205.25	-154.55	115.35	177.32	29.42	692739.45	886390.35
8321	88.11	154.6	8208.25	-180.31	128.27	201.42	29.21	692713.69	886403.27
8352	95.96	162.6	8207.15	-209.11	139.56	225.63	36.13	692684.89	886414.56
8382	96.59	159.59	8203.87	-237.31	149.22	248.14	10.19	692656.69	886424.22
8414	93.36	155.49	8201.09	-266.76	161.4	273.45	16.27	692627.24	886436.4
8446	90.21	154.37	8200.1	-295.73	174.95	299.7	10.45	692598.27	886449.95
8478	93.5	154.82	8199.06	-324.62	188.67	326.06	10.38	692569.38	886463.67
8510	96.23	155.36	8196.35	-353.53	202.1	352.18	8.7	692540.47	886477.1

Tie On SDI
First Wft Svy

8541	97.93	156.25	8192.53	-381.59	214.71	377.17	6.18	692512.41	886489.71
8573	98.07	156.58	8188.07	-410.63	227.39	402.7	1.11	692483.37	886502.39
8605	97.29	156.83	8183.8	-439.76	239.93	428.16	2.56	692454.24	886514.93
8637	94.83	156.29	8180.42	-468.95	252.58	453.76	7.87	692425.05	886527.58
8668	92.66	155.61	8178.39	-497.2	265.19	478.83	7.33	692396.8	886540.19
8700	92.45	155.55	8176.97	-526.31	278.41	504.87	0.68	692367.69	886553.41
8732	91.96	155.58	8175.74	-555.42	291.63	530.92	1.53	692338.58	886566.63
8763	92.17	155.39	8174.62	-583.61	304.49	556.18	0.91	692310.39	886579.49
8794	91.19	152.29	8173.71	-611.42	318.15	581.94	10.48	692282.58	886593.15
8826	91.82	149.82	8172.87	-639.41	333.63	609.38	7.96	692254.59	886608.63
8857	91.47	146.73	8171.98	-665.76	349.92	636.69	10.03	692228.24	886624.92
8889	90.42	143.66	8171.45	-692.03	368.18	665.67	10.14	692201.97	886643.18
8921	90	140.07	8171.33	-717.2	387.94	695.38	11.3	692176.8	886662.94
8953	89.3	136.81	8171.53	-741.14	409.16	725.75	10.42	692152.86	886684.16
8985	89.23	133.25	8171.94	-763.77	431.77	756.67	11.13	692130.23	886706.77
9016	89.23	130.22	8172.36	-784.4	454.9	787.02	9.77	692109.6	886729.9
9048	89.86	126.71	8172.61	-804.3	479.95	818.68	11.14	692089.7	886754.95
9079	90.49	123.35	8172.52	-822.09	505.33	849.56	11.03	692071.91	886780.33
9110	90.84	120.65	8172.16	-838.52	531.62	880.54	8.78	692055.48	886806.62
9141	91.05	118.02	8171.64	-853.7	558.64	911.53	8.51	692040.3	886833.64
9173	90.84	116.08	8171.12	-868.25	587.13	943.48	6.1	692025.75	886862.13
9205	89.93	114.43	8170.9	-881.9	616.07	975.36	5.89	692012.1	886891.07
9236	89.65	112.83	8171.02	-894.33	644.47	1006.16	5.24	691999.67	886919.47
9268	88.95	110.6	8171.41	-906.17	674.2	1037.81	7.3	691987.83	886949.2
9300	88.74	109.83	8172.05	-917.22	704.22	1069.33	2.49	691976.78	886979.22
9331	88.95	109.09	8172.68	-927.55	733.44	1099.79	2.48	691966.45	887008.44
9363	89.51	107.15	8173.11	-937.5	763.85	1131.09	6.31	691956.5	887038.85
9395	91.19	104.41	8172.91	-946.2	794.64	1162.09	10.04	691947.8	887069.64
9427	93.08	101.31	8171.72	-953.32	825.81	1192.62	11.34	691940.68	887100.81
9458	93.5	97.65	8169.94	-958.41	856.33	1221.58	11.86	691935.59	887131.33
9490	93.85	94.14	8167.89	-961.69	888.09	1250.7	11	691932.31	887163.09
9521	94.41	91.25	8165.65	-963.15	918.97	1278.14	9.47	691930.85	887193.97
9552	94.77	88.74	8163.17	-963.14	949.87	1304.87	8.15	691930.86	887224.87
9584	94.21	85.8	8160.67	-961.62	981.73	1331.67	9.32	691932.38	887256.73
9616	94.98	83.68	8158.1	-958.7	1013.49	1357.68	7.03	691935.3	887288.49
9648	95.25	81.63	8155.25	-954.63	1045.1	1382.98	6.44	691939.37	887320.1
9679	95.88	78.99	8152.24	-949.43	1075.51	1406.68	8.72	691944.57	887350.51
9743	94.97	74.14	8146.19	-934.63	1137.46	1452.85	7.68	691959.37	887412.46
9773	94.41	73.83	8143.74	-926.38	1166.2	1473.57	2.13	691967.62	887441.2
9837	93.92	73.06	8139.09	-908.2	1227.39	1517.38	1.42	691985.8	887502.39
9868	93.57	73.13	8137.06	-899.2	1256.98	1538.47	1.15	691994.8	887531.98
9931	93.57	72.85	8133.14	-880.81	1317.11	1581.25	0.44	692013.19	887592.11
9994	93.29	72.73	8129.37	-862.2	1377.18	1623.88	0.48	692031.8	887652.18
10026	93.15	72.35	8127.57	-852.62	1407.66	1645.44	1.26	692041.38	887682.66
10057	93.22	72.87	8125.85	-843.36	1437.2	1666.35	1.69	692050.64	887712.2
10088	93.15	75.76	8124.13	-835	1466.99	1687.93	9.31	692059	887741.99
10120	93.5	78.09	8122.27	-827.77	1498.11	1711.22	7.35	692066.23	887773.11
10152	94.27	80.33	8120.1	-821.79	1529.47	1735.35	7.39	692072.21	887804.47
10183	93.36	83.81	8118.04	-817.53	1560.1	1759.71	11.58	692076.47	887835.1

10214	92.73	86.85	8116.39	-815.01	1590.95	1785.13	10	692078.99	887865.95	
10246	92.38	89.22	8114.97	-813.91	1622.9	1812.22	7.48	692080.09	887897.9	
10278	91.75	91.01	8113.81	-813.98	1654.87	1839.91	5.93	692080.02	887929.87	
10309	91.47	93.72	8112.94	-815.25	1685.83	1867.34	8.79	692078.75	887960.83	
10341	90.7	96.81	8112.34	-818.19	1717.69	1896.36	9.95	692075.81	887992.69	
10372	90	99.93	8112.15	-822.7	1748.35	1925.16	10.31	692071.3	888023.35	
10404	89.72	102.48	8112.23	-828.92	1779.74	1955.43	8.02	692065.08	888054.74	
10436	89.44	103.85	8112.46	-836.21	1810.9	1986.04	4.37	692057.79	888085.9	
10468	88.81	105.83	8112.95	-844.4	1841.83	2016.9	6.49	692049.6	888116.83	
10499	89.3	108.2	8113.46	-853.47	1871.46	2047.09	7.81	692040.53	888146.46	
10531	90.7	112.04	8113.46	-864.48	1901.5	2078.6	12.77	692029.52	888176.5	
10563	90.98	115.26	8112.99	-877.31	1930.81	2110.39	10.1	692016.69	888205.81	
10594	90.98	116.64	8112.46	-890.87	1958.68	2141.3	4.45	692003.13	888233.68	
10626	89.72	118.65	8112.26	-905.72	1987.02	2173.27	7.41	691988.28	888262.02	
10658	89.79	121.57	8112.4	-921.77	2014.7	2205.26	9.13	691972.23	888289.7	
10689	90	125.6	8112.46	-938.92	2040.52	2236.2	13.02	691955.08	888315.52	
10721	89.58	128.46	8112.58	-958.19	2066.06	2267.96	9.03	691935.81	888341.06	
10753	89.44	130.87	8112.85	-978.61	2090.69	2299.51	7.54	691915.39	888365.69	
10784	89.72	132.58	8113.08	-999.24	2113.83	2329.88	5.59	691894.76	888388.83	
10815	90.35	134.37	8113.06	-1020.57	2136.32	2360.04	6.12	691873.43	888411.32	
10846	91.4	136.14	8112.58	-1042.58	2158.14	2389.96	6.64	691851.42	888433.14	
10878	91.12	136.07	8111.88	-1065.64	2180.32	2420.71	0.9	691828.36	888455.32	
10910	90.56	136.32	8111.41	-1088.73	2202.47	2451.45	1.92	691805.27	888477.47	
10942	90	136.51	8111.26	-1111.91	2224.53	2482.17	1.85	691782.09	888499.53	
10973	91.26	137.55	8110.91	-1134.59	2245.66	2511.82	5.27	691759.41	888520.66	
11004	91.61	137.96	8110.14	-1157.53	2266.5	2541.35	1.74	691736.47	888541.5	
11036	92.31	137.99	8109.04	-1181.29	2287.91	2571.79	2.19	691712.71	888562.91	
11068	91.96	137.76	8107.85	-1205	2309.36	2602.24	1.31	691689	888584.36	
11098	91.61	137.82	8106.92	-1227.21	2329.5	2630.81	1.18	691666.79	888604.5	
11130	91.12	137.68	8106.15	-1250.89	2351.01	2661.3	1.59	691643.11	888626.01	
11161	91.12	137.63	8105.55	-1273.8	2371.89	2690.85	0.16	691620.2	888646.89	
11193	90.63	137.7	8105.06	-1297.45	2393.44	2721.36	1.55	691596.55	888668.44	
11225	90.21	137.55	8104.83	-1321.09	2415	2751.87	1.39	691572.91	888690	
11352	89.02	137.53	8105.68	-1414.78	2500.74	2873.04	0.94	691479.22	888775.74	Last Wft Svy
11421	89.02	137.53	8106.86	-1465.67	2547.32	2938.86	0	691428.33	888822.32	Proj. To Bit