

Results of Directional Survey

API number:	30-025-39977		
OGRID:		Operator:	TEXLAND PETROLEUM-HOBBS, LLC
		Property:	PARKER 23 # 3H

surface	ULSTR:	O	23	T	16S	R	38E
				390	FSL	2280	FEL

BH Loc	ULSTR:	N	24	T	16S	R	38E
12641	MD	8124.0	TVD	389	FSL	2259	FWL

Top Perf/OH	ULSTR:	O	23	T	16S	R	38E
8570	MD	8130.8	TVD	461	FSL	1808	FEL

Bot Perf/OH	ULSTR:	N	24	T	16S	R	38E
12410	MD	8130.5	TVD	390	FSL	2028	FWL

	MD	N/S	E/W	VD
	8558	71.23	460.00	8131.2
TOP PERFS/OH	8570	70.54	471.97	8130.80
	8590	69.40	491.93	8130.13
	12391	-0.29	4289.27	8130.94
BOT PERFS/OH	12410	-0.46	4308.26	8130.54
	12422	-0.57	4320.26	8130.28

NEXT TO LAST	12581	-0.50	4479.22	8126.88
LAST READING	12613	-0.53	4511.18	8125.37
TD	12641	-0.56	4539.15	8124.05

Surface Location	390	FS	2280	FE
Projected BHL	389	FS	2259	FW
Location of				
Top Perfs/OH	461	FS	1808	FE
Bottom Perfs/OH	390	FS	2028	FW

SUMMARY of Subsurface Locations

Surface Location	O-23-16S-38E	390	FS	2280	FE	Vert. Depth
Top Perfs/OH	O-23-16S-38E	461	FS	1808	FE	8130.80
Bottom Perfs/OH	N-24-16S-38E	390	FS	2028	FW	8130.54
Projected TD	N-24-16S-38E	389	FS	2259	FW	8124.05

AUG 09 2011

SUR: O-23-16s-38e, 390/S & 2280/E
BHL: N-24-16s-38e, 389/S & 2259/W
API # 30-025-39977

HOBBS OCD

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TEXLAND PETROLEUM

East Garrett Drinkard
Lea County, NM
Parker 23 #3H
VH - Job #32K0411343

HOBBS OCD

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Survey: Actual

SDI Standard Survey Report

20 April, 2011

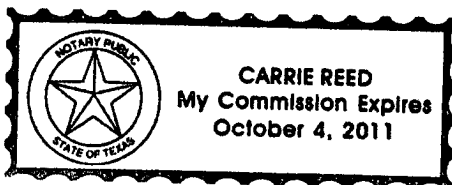
This survey is correct to the best of my knowledge and is supported by actual field data.

Luhaator

Notarized this date 10th of May, 2011.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling
Directional Drilling Operations

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	TEXLAND PETROLEUM	Local Co-ordinate Reference:	Well Parker 23 #3H
Project:	East Garrett Drinkard	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Parker 23 #3H	North Reference:	Grid
Wellbore:	VH - Job #32K0411343	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0411343	Database:	EDM-Regulatory

Project	East Garrett Drinkard		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Lea County, NM		
Site Position:		Northing:	693,576 25 usft
From:	Lat/Long	Easting:	873,601 30 usft
Position Uncertainty:	0 0 usft	Slot Radius:	13-3/16"
		Latitude:	32° 54' 2 858 N
		Longitude:	103° 6' 58 086 W
		Grid Convergence:	0 66 °

Well	Parker 23 #3H, Directionsl (Weahterford)		
Well Position	+N/-S	0 0 usft	Northing: 693,576 25 usft
	+E/-W	0 0 usft	Easting: 873,601 30 usft
Position Uncertainty	0 0 usft	Wellhead Elevation:	usft
		Latitude:	32° 54' 2 858 N
		Longitude:	103° 6' 58 086 W
		Ground Level:	0 0 usft

Wellbore	VH - Job #32K0411343				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/15/2011	7 44	60 89	49,118

Design	VH - Job #32K0411343			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0 0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0 0	0 0	0 0	89 97

Survey Program	Date	4/20/2011		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100 0	7,918 0	Actual (VH - Job #32K0411343)	Keeper	Keeper Surface Readout

Survey								
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)	
0 0	0 00	0 00	0 0	0 0	0 0	0 00	0 0	
100 0	0 48	181 28	100 0	-0 4	0 0	181 28	0 4	
200 0	0 30	179 10	200 0	-1 1	0 0	180 76	1 1	
300 0	0 27	175 20	300 0	-1 6	0 0	179 67	1 6	
400 0	0 28	147 52	400 0	-2 0	0 2	175 50	2 0	
500 0	0 21	127 52	500 0	-2 4	0 4	169 49	2 4	
600 0	0 28	103 21	600 0	-2 5	0 8	161 99	2 7	
700 0	0 31	109 38	700 0	-2 7	1 3	153 79	3 0	
800 0	0 29	136 33	800 0	-2 9	1 7	149 34	3 4	
900 0	0 26	162 64	900 0	-3 3	2 0	149 27	3 9	
1,000 0	0 19	172 39	1,000 0	-3 7	2 1	150 85	4 3	
1,100 0	0 21	201 15	1,100 0	-4 1	2 0	153 40	4 5	

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	TEXLAND PETROLEUM	Local Co-ordinate Reference:	Well Parker 23 #3H
Project:	East Garrett Drinkard	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Parker 23 #3H	North Reference:	Grid
Wellbore:	VH - Job #32K0411343	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0411343	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200 0	0 14	222 09	1,200 0	-4 3	1 9	156 44	4 7
1,300 0	0 12	255 96	1,300 0	-4 4	1 7	159 03	4 7
1,400 0	0 23	321 80	1,400 0	-4 3	1 5	161 09	4 5
1,500 0	0 13	293 55	1,500 0	-4 1	1 2	163 10	4 3
1,600 0	0 23	328 83	1,600 0	-3 9	1 0	165 03	4 0
1,700 0	0 50	310 73	1,700 0	-3 4	0 6	170 01	3 5
1,800 0	0 57	303 59	1,800 0	-2 9	-0 1	182 83	2 9
1,900 0	0 65	292 12	1,900 0	-2 4	-1 1	204 47	2 6
2,000 0	0 72	290 02	2,000 0	-1 9	-2 2	228 45	2 9
2,100 0	1 40	296 17	2,099 9	-1 2	-3 9	252 92	4 1
2,200 0	1 39	298 17	2,199 9	-0 1	-6 0	269 22	6 1
2,300 0	1 34	297 12	2,299 9	1 0	-8 2	277 15	8 2
2,400 0	1 29	292 54	2,399 9	2 0	-10 2	280 99	10 4
2,500 0	1 21	296 99	2,499 8	2 9	-12 2	283 34	12 6
2,600 0	1 08	296 72	2,599 8	3 8	-14 0	285 19	14 5
2,700 0	0 92	294 66	2,699 8	4 6	-15 6	286 32	16 2
2,800 0	0 84	299 21	2,799 8	5 3	-16 9	287 22	17 7
2,900 0	0 79	304 60	2,899 8	6 0	-18 2	288 30	19 1
3,000 0	0 87	301 97	2,999 8	6 8	-19 4	289 34	20 5
3,100 0	0 82	306 18	3,099 8	7 6	-20 6	290 31	21 9
3,200 0	0 75	308 29	3,199 8	8 4	-21 7	291 29	23 3
3,300 0	0 82	296 91	3,299 7	9 2	-22 8	291 90	24 6
3,400 0	0 69	294 58	3,399 7	9 8	-24 0	292 10	25 9
3,500 0	0 66	308 55	3,499 7	10 4	-25 0	292 50	27 1
3,600 0	0 75	310 39	3,599 7	11 1	-26 0	293 23	28 3
3,700 0	0 72	317 04	3,699 7	12 0	-26 9	294 10	29 5
3,800 0	0 64	328 23	3,799 7	13 0	-27 6	295 15	30 5
3,900 0	0 72	327 26	3,899 7	14 0	-28 2	296 31	31 5
4,000 0	0 72	322 02	3,999 7	15 0	-29 0	297 36	32 6
4,100 0	0 78	327 05	4,099 7	16 1	-29 7	298 37	33 8
4,200 0	0 76	320 49	4,199 7	17 1	-30 5	299 32	35 0
4,300 0	0 61	323 43	4,299 7	18 1	-31 3	300 04	36 1
4,400 0	0 70	328 59	4,399 7	19 0	-31 9	300 82	37 1
4,500 0	0 82	332 67	4,499 6	20 2	-32 5	301 81	38 3
4,600 0	1 06	332 85	4,599 6	21 6	-33 3	303 03	39 7
4,700 0	1 07	328 62	4,699 6	23 3	-34 2	304 22	41 4
4,800 0	1 14	333 60	4,799 6	25 0	-35 1	305 39	43 1
4,900 0	1 18	332 55	4,899 6	26 8	-36 0	306 59	44 9
5,000 0	1 28	330 31	4,999 6	28 6	-37 1	307 69	46 8
5,100 0	1 20	332 22	5,099 5	30 5	-38 1	308 70	48 8
5,200 0	1 14	325 90	5,199 5	32 3	-39 2	309 51	50 8
5,300 0	1 16	329 93	5,299 5	34 0	-40 2	310 20	52 7
5,400 0	1 26	330 74	5,399 5	35 8	-41 3	310 96	54 6
5,500 0	1 27	327 00	5,499 4	37 7	-42 4	311 64	56 8

Scientific Drilling International, Inc.
SDI Standard Survey Report



Company:	TEXLAND PETROLEUM	Local Co-ordinate Reference:	Well Parker 23 #3H
Project:	East Garrett Drinkard	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Site:	Lea County, NM	MD Reference:	WELL @ 0 0usft (Original Well Elev)
Well:	Parker 23 #3H	North Reference:	Grid
Wellbore:	VH - Job #32K0411343	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0411343	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,600 0	0 95	320 71	5,599 4	39 3	-43 5	312 06	58 6
5,700 0	1 07	320 36	5,699 4	40 6	-44 7	312 30	60 4
5,800 0	0 86	313 31	5,799 4	41 9	-45 8	312 44	62 1
5,900 0	0 90	309 00	5,899 4	42 9	-47 0	312 40	63 6
6,000 0	0 80	312 41	5,999 4	43 8	-48 1	312 36	65 1
6,100 0	0 79	316 76	6,099 4	44 8	-49 1	312 41	66 5
6,200 0	0 77	318 24	6,199 4	45 8	-50 0	312 51	67 8
6,300 0	0 74	320 48	6,299 3	46 8	-50 8	312 64	69 1
6,400 0	0 81	314 09	6,399 3	47 8	-51 8	312 73	70 5
6,500 0	0 64	313 17	6,499 3	48 7	-52 7	312 74	71 7
6,600 0	0 76	313 66	6,599 3	49 5	-53 6	312 76	73 0
6,700 0	0 84	318 26	6,699 3	50 5	-54 5	312 82	74 4
6,800 0	0 89	319 05	6,799 3	51 7	-55 5	312 93	75 9
6,900 0	0 85	321 90	6,899 3	52 8	-56 5	313 08	77 4
7,000 0	0 97	327 03	6,999 3	54 1	-57 4	313 31	78 9
7,100 0	0 93	320 15	7,099 3	55 5	-58 4	313 52	80 5
7,200 0	1 03	331 47	7,199 2	56 9	-59 3	313 78	82 2
7,300 0	0 99	339 56	7,299 2	58 5	-60 1	314 23	83 8
7,400 0	1 13	340 78	7,399 2	60 2	-60 7	314 77	85 5
7,500 0	1 01	346 64	7,499 2	62 0	-61 2	315 36	87 1
7,600 0	1 09	351 41	7,599 2	63 8	-61 6	316 02	88 7
7,700 0	1 11	349 64	7,699 2	65 7	-61 9	316 71	90 3
7,800 0	1 25	351 62	7,799 1	67 7	-62 2	317 42	92 0
7,900 0	1 64	355 21	7,899 1	70 2	-62 5	318 33	94 0
7,918 0	1 75	353 82	7,917 1	70 8	-62 6	318 52	94 5



Scientific Drilling
Directional Drilling Operations

Project: East Garrett Drinkard
Lea County, NM
Well: Parker 23 #3H
Wellbore: VH - Job #32K0411343
Design: VH - Job #32K0411343

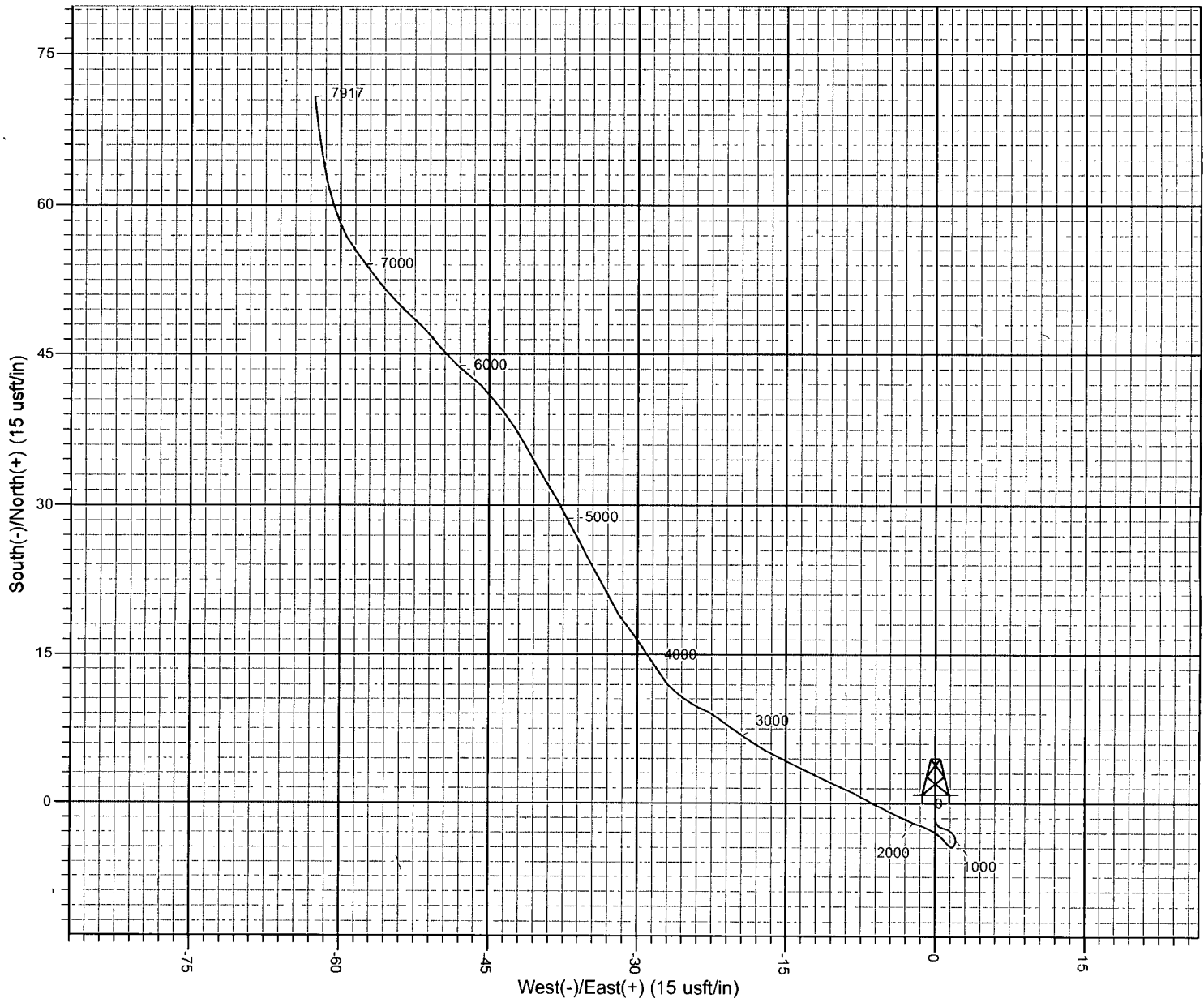


Azimuths to Grid North
True North -0 66°
Magnetic North 6 78°

Magnetic Field
Strength 49117 6snT
Dip Angle 60 89°
Date 4/15/2011
Model IGRF2010

WELL DETAILS: Parker 23 #3H
WELL @ 0.0usft (Original Well Elev)
Ground Level. 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	693576.25	873601.30	32° 54' 2.858 N	103° 6' 58.086 W	



PROJECT DETAILS: East Garrett Drinkard
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

SITE DETAILS: Lea County, NM
Site Centre Latitude: 32° 54' 2.858 N
Longitude: 103° 6' 58.086 W
Positional Uncertainty: 0.0
Convergence: 0.66
Local North: Grid

HOBBS OCD

JUL 18 2011


Weatherford®

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SURVEY REPORT

Report Date: 4/22/2011
 Customer: Texland Petroleum
 Job Name: 4022383
 Well Name: Parker 23 #3H

Field: Lea Co
 Rig: Abadi
 Rig Loc: Lea County

 Survey Calculation Method: **Minimum Curvature**

Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
Grid North	89.97 deg	49109 nT	60.89 deg	7.44 deg	0.66 deg	6.78 deg
Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	7918.00 ft	1.75 deg	353.82 deg	7917.00 ft	70.73 ft	-62.51 ft

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
7990.00	18.58	81.84	7987.73	73.47	-51.17	-51.13	25.83
8022.00	29.80	70.98	8016.89	76.80	-38.56	-38.52	37.59
8053.00	40.85	71.16	8042.14	82.61	-21.63	-21.59	35.64
8085.00	50.94	76.12	8064.39	88.98	0.40	0.44	33.42
8114.00	59.22	84.93	8081.00	92.80	23.81	23.86	37.84
8146.00	67.15	93.36	8095.44	93.15	52.31	52.35	34.14
8178.00	73.54	93.82	8106.20	91.26	82.37	82.41	20.00
8209.00	79.21	93.08	8113.50	89.45	112.43	112.47	18.45
8241.00	82.82	93.33	8118.50	87.68	143.98	144.03	11.29
8273.00	83.73	93.09	8122.25	85.90	175.71	175.75	2.95
8305.00	85.55	93.15	8125.24	84.17	207.52	207.56	5.70
8336.00	86.47	93.00	8127.40	82.51	238.40	238.44	3.00
8368.00	87.17	93.11	8129.17	80.81	270.31	270.35	2.22
8400.00	87.87	93.02	8130.56	79.10	302.23	302.27	2.20
8431.00	88.56	92.76	8131.52	77.54	333.17	333.22	2.41
8463.00	89.20	92.79	8132.15	75.99	365.13	365.17	1.98
8495.00	90.10	93.00	8132.35	74.38	397.09	397.13	2.91
8527.00	91.01	92.83	8132.03	72.75	429.05	429.08	2.88
8558.00	92.06	92.78	8131.20	71.23	460.00	460.03	3.38
8590.00	91.78	93.79	8130.13	69.40	491.93	491.96	3.25
8622.00	91.09	94.74	8129.33	67.02	523.83	523.86	3.69
8653.00	89.06	95.89	8129.29	64.15	554.69	554.72	7.52
8685.00	88.85	96.44	8129.87	60.71	586.50	586.53	1.85
8717.00	89.48	96.64	8130.34	57.07	618.29	618.32	2.06
8749.00	89.97	96.59	8130.50	53.38	650.08	650.10	1.53
8780.00	90.87	96.29	8130.27	49.91	680.88	680.90	3.10
8812.00	90.45	96.54	8129.90	46.33	712.68	712.70	1.54
8844.00	88.78	95.88	8130.12	42.87	744.49	744.51	5.64
8875.00	87.03	94.51	8131.25	40.06	775.34	775.36	7.16
8907.00	86.68	94.13	8133.01	37.66	807.20	807.22	1.63
8939.00	87.45	94.44	8134.65	35.27	839.07	839.08	2.60
8970.00	88.43	94.33	8135.76	32.90	869.95	869.97	3.17
9002.00	89.40	94.08	8136.37	30.55	901.86	901.88	3.16
9034.00	90.52	93.58	8136.39	28.42	933.79	933.80	3.84
9066.00	91.72	93.46	8135.76	26.46	965.72	965.74	3.74

SUR: O-23-16s-38e, 390/S & 2280/E
 BHL: N-24-16s-38e, 389/S & 2259/W
 API # 30-025-39977

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		Vsect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
9097.00	91.15	92.42	8134.99	24.87	996.67	996.69	3.79
9129.00	89.89	92.87	8134.69	23.39	1028.64	1028.65	4.18
9161.00	88.15	92.99	8135.24	21.75	1060.59	1060.60	5.47
9190.00	88.36	92.95	8136.13	20.25	1089.54	1089.55	0.73
9222.00	89.55	92.31	8136.71	18.78	1121.50	1121.51	4.22
9254.00	88.92	91.92	8137.14	17.60	1153.47	1153.48	2.31
9285.00	87.24	92.27	8138.18	16.47	1184.43	1184.44	5.52
9317.00	87.73	92.56	8139.58	15.12	1216.37	1216.38	1.76
9349.00	88.64	92.44	8140.60	13.72	1248.33	1248.33	2.87
9381.00	89.62	92.51	8141.09	12.34	1280.29	1280.30	3.06
9412.00	90.59	92.58	8141.03	10.96	1311.26	1311.27	3.16
9444.00	91.64	92.70	8140.41	9.49	1343.22	1343.22	3.30
9476.00	92.76	92.69	8139.18	7.98	1375.16	1375.16	3.49
9507.00	92.41	92.82	8137.78	6.49	1406.09	1406.10	1.20
9539.00	92.62	92.95	8136.37	4.88	1438.02	1438.02	0.77
9570.00	92.48	92.52	8134.99	3.41	1468.96	1468.96	1.45
9602.00	91.57	91.83	8133.86	2.19	1500.91	1500.91	3.56
9634.00	89.55	91.79	8133.55	1.19	1532.89	1532.89	6.34
9665.00	89.20	91.91	8133.89	0.18	1563.87	1563.87	1.20
9697.00	90.03	91.92	8134.10	-0.89	1595.86	1595.85	2.62
9729.00	89.76	90.57	8134.16	-1.58	1627.85	1627.85	4.33
9761.00	90.38	89.62	8134.12	-1.63	1659.85	1659.85	3.56
9792.00	89.06	89.98	8134.27	-1.52	1690.85	1690.84	4.44
9824.00	89.13	89.87	8134.78	-1.48	1722.84	1722.84	0.40
9856.00	90.03	89.93	8135.01	-1.42	1754.84	1754.84	2.85
9887.00	88.98	90.16	8135.28	-1.45	1785.84	1785.84	3.47
9919.00	89.41	90.06	8135.73	-1.51	1817.83	1817.83	1.35
9951.00	90.52	90.36	8135.75	-1.62	1849.83	1849.83	3.62
9982.00	89.20	90.57	8135.82	-1.88	1880.83	1880.83	4.34
10014.00	89.20	90.91	8136.27	-2.29	1912.83	1912.83	1.06
10046.00	89.83	91.47	8136.55	-2.95	1944.82	1944.82	2.62
10077.00	90.67	91.98	8136.41	-3.89	1975.80	1975.80	3.17
10109.00	89.90	91.01	8136.26	-4.72	2007.79	2007.79	3.87
10141.00	90.17	91.34	8136.24	-5.38	2039.78	2039.78	1.35
10172.00	89.40	90.56	8136.35	-5.89	2070.78	2070.78	3.52
10204.00	89.62	90.18	8136.62	-6.10	2102.78	2102.77	1.36
10236.00	89.90	90.51	8136.76	-6.29	2134.78	2134.77	1.34
10268.00	90.52	90.51	8136.64	-6.57	2166.78	2166.77	1.97
10299.00	90.73	89.29	8136.30	-6.52	2197.77	2197.77	3.98
10331.00	91.23	89.28	8135.76	-6.12	2229.77	2229.76	1.54
10362.00	91.93	89.56	8134.90	-5.81	2260.75	2260.75	2.43
10394.00	90.94	88.96	8134.10	-5.39	2292.74	2292.74	3.58
10426.00	91.15	88.91	8133.52	-4.80	2324.73	2324.73	0.68
10457.00	92.20	89.11	8132.61	-4.26	2355.71	2355.71	3.44
10489.00	91.22	88.90	8131.65	-3.71	2387.69	2387.69	3.13
10521.00	91.15	88.35	8130.99	-2.94	2419.67	2419.67	1.76
10552.00	90.10	88.79	8130.65	-2.17	2450.66	2450.66	3.67
10584.00	90.03	88.90	8130.61	-1.52	2482.66	2482.65	0.40
10616.00	89.13	89.15	8130.84	-0.98	2514.65	2514.65	2.94
10647.00	88.92	89.21	8131.37	-0.53	2545.64	2545.64	0.70

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		Vsect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
10679.00	89.48	89.39	8131.82	-0.14	2577.64	2577.64	1.84
10711.00	90.17	89.15	8131.92	0.27	2609.63	2609.63	2.31
10742.00	88.98	89.98	8132.15	0.50	2640.63	2640.63	4.68
10774.00	88.85	90.19	8132.75	0.46	2672.62	2672.62	0.78
10806.00	89.06	90.15	8133.34	0.36	2704.62	2704.62	0.66
10838.00	89.55	90.29	8133.73	0.24	2736.62	2736.62	1.59
10869.00	90.24	90.55	8133.79	0.01	2767.62	2767.61	2.41
10901.00	89.62	90.18	8133.83	-0.19	2799.61	2799.61	2.29
10933.00	89.96	90.40	8133.94	-0.36	2831.61	2831.61	1.30
10964.00	88.92	89.90	8134.24	-0.44	2862.61	2862.61	3.75
10996.00	88.92	89.44	8134.85	-0.26	2894.61	2894.60	1.42
11028.00	89.33	89.69	8135.34	-0.01	2926.60	2926.60	1.52
11059.00	89.97	89.88	8135.53	0.10	2957.60	2957.60	2.12
11091.00	90.80	90.22	8135.31	0.08	2989.60	2989.60	2.84
11123.00	91.72	90.75	8134.61	-0.19	3021.59	3021.59	3.29
11155.00	90.59	89.71	8133.96	-0.32	3053.58	3053.58	4.78
11186.00	90.45	88.79	8133.68	0.08	3084.58	3084.58	2.99
11218.00	89.55	89.08	8133.68	0.68	3116.57	3116.57	2.98
11250.00	89.97	89.56	8133.82	1.06	3148.57	3148.57	1.99
11281.00	90.38	89.64	8133.72	1.28	3179.57	3179.57	1.38
11313.00	90.87	89.71	8133.37	1.46	3211.56	3211.57	1.54
11345.00	90.52	90.20	8132.98	1.48	3243.56	3243.56	1.88
11376.00	90.03	90.08	8132.83	1.40	3274.56	3274.56	1.63
11408.00	88.01	89.24	8133.38	1.60	3306.55	3306.56	6.86
11440.00	87.93	89.19	8134.51	2.03	3338.53	3338.53	0.27
11472.00	88.35	89.08	8135.55	2.51	3370.51	3370.51	1.35
11503.00	88.92	88.92	8136.29	3.05	3401.50	3401.50	1.88
11535.00	89.41	89.21	8136.75	3.57	3433.49	3433.49	1.77
11567.00	90.03	89.26	8136.91	4.00	3465.49	3465.49	1.97
11598.00	90.52	89.34	8136.76	4.38	3496.48	3496.49	1.60
11630.00	91.08	89.34	8136.31	4.75	3528.48	3528.48	1.74
11662.00	90.31	89.55	8135.92	5.06	3560.47	3560.48	2.49
11693.00	90.38	89.63	8135.73	5.28	3591.47	3591.47	0.33
11725.00	91.15	89.55	8135.30	5.51	3623.47	3623.47	2.41
11757.00	91.92	89.68	8134.44	5.73	3655.46	3655.46	2.44
11788.00	91.36	89.85	8133.55	5.86	3686.44	3686.45	1.89
11820.00	89.34	90.18	8133.36	5.85	3718.44	3718.44	6.42
11852.00	89.55	90.26	8133.67	5.73	3750.44	3750.44	0.71
11884.00	90.24	90.50	8133.73	5.52	3782.44	3782.44	2.31
11915.00	89.76	90.90	8133.73	5.14	3813.44	3813.44	2.03
11947.00	88.36	90.94	8134.26	4.62	3845.43	3845.43	4.38
11979.00	89.33	89.93	8134.90	4.38	3877.42	3877.42	4.40
12010.00	89.48	91.10	8135.22	4.10	3908.41	3908.42	3.82
12042.00	89.27	91.63	8135.58	3.34	3940.40	3940.40	1.78
12074.00	88.64	90.91	8136.16	2.63	3972.39	3972.39	3.00
12105.00	88.92	90.73	8136.82	2.19	4003.38	4003.38	1.06
12137.00	89.83	90.80	8137.17	1.76	4035.37	4035.37	2.85
12169.00	90.52	90.69	8137.08	1.35	4067.37	4067.37	2.21
12200.00	91.08	90.52	8136.64	1.02	4098.37	4098.37	1.88
12232.00	91.57	90.48	8135.90	0.74	4130.36	4130.36	1.54

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
12264.00	91 92	90 21	8134.92	0.55	4162.34	4162.34	1.38
12296.00	92.41	90 29	8133.71	0.41	4194.32	4194 32	1 55
12327.00	92 00	90.40	8132.52	0 23	4225.29	4225 29	1.40
12359.00	91 01	90 46	8131.68	-0 02	4257.28	4257 28	3.08
12391.00	91 64	90 50	8130 94	-0 29	4289.27	4289 27	1.97
12422.00	90.80	90.57	8130 28	-0.57	4320.26	4320 26	2.71
12454.00	90 74	90 34	8129.85	-0 83	4352.26	4352 26	0.75
12486.00	90 94	89.92	8129.38	-0.90	4384.26	4384 25	1 47
12517 00	91 09	89 71	8128 83	-0.80	4415.25	4415 25	0 80
12549 00	91.71	89.71	8128 05	-0.63	4447.24	4447.24	1 97
12581.00	92.48	89.83	8126 88	-0.50	4479 22	4479.22	2.43
12613 00	92 90	90.28	8125 37	-0 53	4511.18	4511 18	1.92

Vertical Section is 2608.44 ft along the target direction of 89.97 deg at a measured depth of 10709.81 ft.
Horizontal Displacement is 2608.44 ft along the well bore azimuth of 89.99 deg
The total correction is 6.78 deg relative to Grid North.
