

30-015-42393

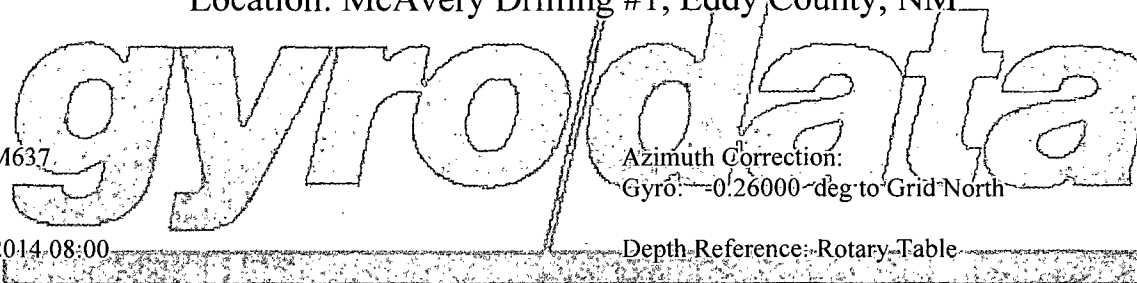
A Gyrodata Directional Survey

FINAL DEFINITIVE COPY

for

BOPCO, LP

Lease: Poker Laker Unit Well: #028H, 4.5" Drill Pipe
Location: McAvery Drilling #1, Eddy County, NM



Job Number: MD0614GBM637

Run Date: 21 Jun 2014

Report Generated: 27 Jun 2014 08:00

Surveyor: Brandon Murphy

Calculation Method: MINIMUM CURVATURE

Survey surface coordinates obtained from: Well Plan/Plot

Survey Latitude: 32.208892 deg. N Longitude: 103.845917 deg. W

Azimuth Correction:

Gyro: -0.26000 deg to Grid North

Depth Reference: Rotary Table

Air Gap (RKB to Ground / RKB to MSL): 25.00

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A rectangular stamp with a diagonal line and an exclamation mark, followed by the word "CONFIDENTIAL" in a bold, sans-serif font.

RECEIVED

OCT 23 2014

NM OIL CONSERVATION
ARTESIA DISTRICT

A Gyrodata Directional Survey

BOPCO, LP

Lease: Poker Laker Unit Well: #028H, 4.5" Drill Pipe

Location: McAvery Drilling #1, Eddy County, NM

Job Number: MD0614GBM637

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.00	0.00	0.0 0.0	0.00 N 0.00 E
0 - 860 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4.5" DRILLPIPE						
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO McAvery #1 R.K.B. OF 25 FT.						
100.00	0.79	231.70	0.79	100.00	0.7 231.7	0.43 S 0.54 W
200.00	0.94	227.01	0.16	199.99	2.2 230.0	1.42 S 1.69 W
300.00	1.21	195.94	0.63	299.97	4.0 220.7	3.00 S 2.58 W
400.00	1.25	188.10	0.17	399.95	5.9 210.7	5.10 S 3.03 W
500.00	1.24	172.59	0.34	499.92	7.9 202.7	7.26 S 3.04 W
600.00	1.48	147.02	0.64	599.89	9.7 193.1	9.42 S 2.20 W
700.00	1.79	140.08	0.37	699.85	11.7 182.4	11.69 S 0.50 W
800.00	1.68	139.97	0.11	799.81	14.1 174.1	14.01 S 1.44 E
860.00	1.95	135.61	0.51	859.78	15.6 170.0	15.41 S 2.72 E

Final Station Closure: Distance: 15.65 ft Az: 169.98 deg.

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 23 2014

RECEIVED

Weatherford

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel: (432) 561-8892 Fax: (432) 561-8895

BOPCO, LP
PO Box 2760
Midland, TX 79702

Date: August 20, 2014

30-95-48393

Attention: Brian Braun



CONFIDENTIAL

Re: BOPCO, LP
Well: PLU CVX BS #028H
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
David Latch MWD Supervisor	028H	971 MD 16392 MD	6/20/2014 8/7/2014	Measurement While Drilling

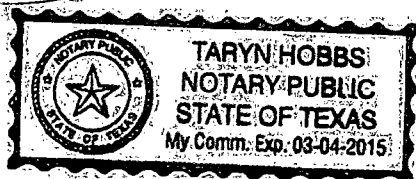
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number:

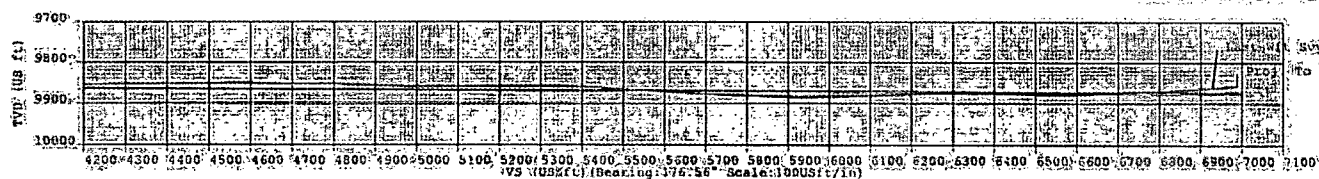
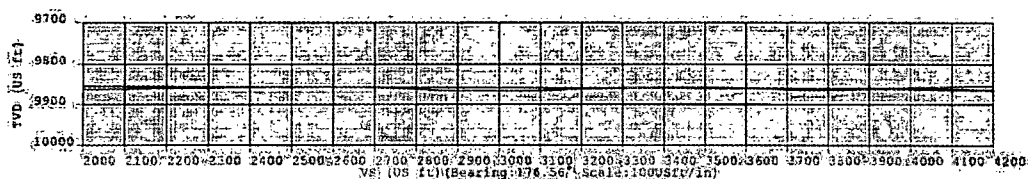
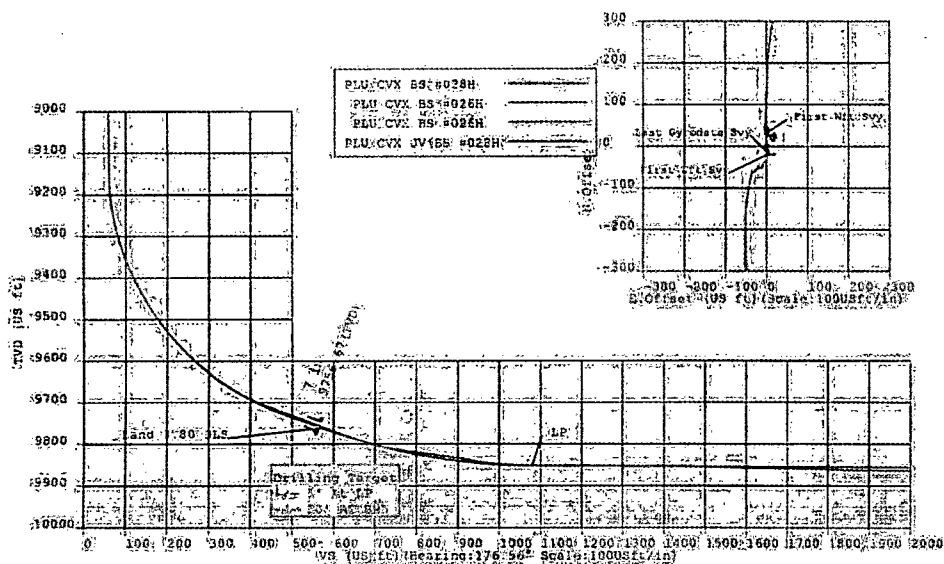
Jesse Aguilar
MWD Ops Coordinator

On this, the ^{2nd} day of ~~September~~ August, 2014, before me a notary public, the undersigned officer, personally appeared Jesse Aguilar, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

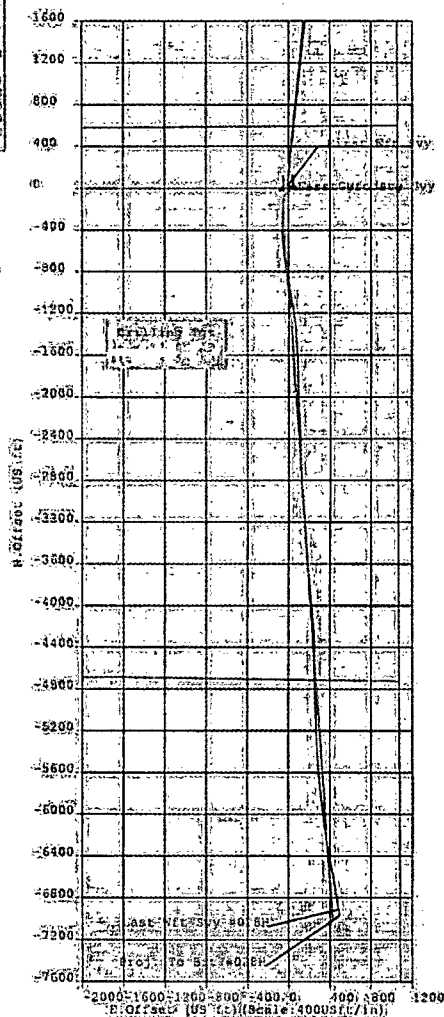
In witness whereof, I hereunto set my hand and official seal.

Notary Public



[illegible][illegible][illegible]

Sign Off: Russell Boyner



Weatherford

(Soy) #025H
To Bio #026H

5D Survey Report

BOPCO, L.P.

Field Name: Eddy Co, NM Nad27 NMEZ

Site Name: PLU CVX JV BS #026, #028H Pad

Well Name: PLU CVX JV BS #028H

Survey: WFT MWD Svvy

06 August 2014



Weatherford

PLU CVX JV BS #028H

Field Name Eddy Co, NM Nad27 NMEZ	Map Units: US ft		Company Name: BOPCO, L.P.	
	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD27 / New Mexico East			
Comment:				
Site Name PLU CVX JV BS #026, #028H Pad	Units: US ft	North Reference: Grid	Convergence Angle: 0.26	
	Position	Northing: 440095.60 US ft	Latitude: 32° 12' 32.40"	
		Easting: 650753.60 US ft	Longitude: -103° 50' 45.30"	
Elevation above Mean Sea Level: 3433.00 US ft		Comment:		
Slot Name PLU CVX JV BS #028H	Position (Offsets relative to Site Centre)			
	+N / -S: -40.00 US ft	Northing: 440055.60 US ft	Latitude: 32° 12' 32.01"	
	+E / -W: 0.10 US ft	Easting: 650753.70 US ft	Longitude: -103° 50' 45.30"	
	Elevation above Mean Sea Level: 3433.00 US ft			
Comment:				
Well Name PLU CVX JV BS #028H	Type: Main well	UWI:		
	Rig Height: Well TVD Reference: 22.00 US ft	Comment:		
	Relative to Mean Sea Level: 3455.00 US ft			
	Closure Distance: 6988.93 US ft	Closure Azimuth: 175.948°		
	Vertical Section (Position of Origin Relative to Slot)			
+N / -S: 0.00 US ft +E / -W: 0.00 US ft Az: 176.56°				

Target Set

Name: PLU CVX BS #028H Number of Targets: 1

Comment:

Target Name: PBHL #028H	Position (Relative to Slot centre)		
	+N / -S: -6988.80 US ft	Northing: 433066.80 US ft	Latitude: 32° 11' 22.82"
	+E / -W: 420.50 US ft	Easting: 651174.20 US ft	Longitude: -103° 50' 40.78"
TVD: (Well TVD Reference): 9875.00 US ft			
Shape: Cuboid	Orientation Azimuth: 0.00°		
	Inclination: 0.00°		
	Dimensions Length: 0.00 US ft	Breadth: 0.00 US ft	Height: 0.00 US ft

Survey Name: WFT MWD Svy

Date: 21/Jun/2014 Survey Tool: MWD Comment: Company: WFT

Magnetic Model

Model Name: BGGM Date: 15/Aug/2014 Field Strength: 48245.7 nT Declination: 7.49° Dip: 60.04°

Tie Point

MD: 860 Inclination: 1.95 Azimuth: 135.61 TVD: 859.778 North Offset: -15.41 East Offset: 2.72

SD Survey Report

Casing Points (Relative to Slot centre, TVD relative to Well TVD Reference)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name	
4100.00	0.93	175.27	4099.09	-13.94	4.55	440041.66	650758.25	9.5/8 in	
10005.00	68.83	175.88	9756.67	-571.12	-49.25	439484.48	650704.45	7 in	

Well path created using minimum curvature

Survey Points (Relative to Slot centre, TVD relative to Well TVD Reference)											
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	
971.00	2.30	141.47	970.70	-18.50	5.43	18.79	0.00	440037.10	650759.13	First Well Svy	
1066.00	1.40	109.24	1065.65	-20.38	7.71	20.80	1.41	440035.22	650761.41		
1162.00	1.50	92.76	1161.62	-20.82	10.07	21.39	0.45	440034.78	650763.77		
1257.00	1.63	99.44	1256.59	-21.10	12.65	21.83	0.24	440034.50	650766.35		
1353.00	1.50	107.44	1352.55	-21.70	15.19	22.58	0.26	440033.90	650768.89		
1449.00	1.63	109.74	1448.52	-22.54	17.68	23.56	0.15	440033.06	650771.38		
1544.00	1.24	62.97	1543.49	-22.53	19.87	23.68	1.26	440033.07	650773.57		
1640.00	1.73	9.97	1639.46	-20.63	21.04	21.86	1.45	440034.97	650774.74		
1735.00	0.56	294.24	1734.44	-19.03	20.87	20.25	1.77	440036.57	650774.57		
1831.00	0.78	261.64	1830.44	-18.93	19.79	20.09	0.45	440036.67	650773.49		
1927.00	0.89	262.46	1926.43	-19.12	18.41	20.19	0.12	440036.48	650772.11		
2022.00	0.87	260.43	2021.42	-19.34	16.96	20.32	0.04	440036.26	650770.66		
2118.00	0.88	270.75	2117.41	-19.45	15.51	20.35	0.16	440036.15	650769.21		
2213.00	1.05	258.76	2212.39	-19.61	13.93	20.41	0.28	440035.99	650767.63		
2404.00	1.29	255.57	2403.35	-20.49	10.13	21.06	0.13	440035.11	650763.83		
2500.00	1.46	266.24	2499.32	-20.84	7.86	21.27	0.32	440034.76	650761.56		
2596.00	1.41	267.73	2595.29	-20.97	5.46	21.26	0.06	440034.63	650759.16		
2691.00	1.40	273.04	2690.27	-20.95	3.13	21.10	0.14	440034.65	650756.83		
2787.00	1.56	278.37	2786.23	-20.70	0.67	20.70	0.22	440034.90	650754.37		
2882.00	0.55	39.38	2881.22	-20.16	-0.32	20.10	2.00	440035.44	650753.38		
2978.00	1.17	160.40	2977.21	-19.32	0.82	19.33	0.71	440036.28	650754.52		
3074.00	0.94	41.39	3073.20	-18.24	2.20	18.34	0.43	440037.36	650755.90		
3169.00	0.94	24.10	3168.18	-16.95	3.03	17.10	0.30	440038.65	650756.73		
3265.00	0.94	353.51	3264.17	-15.45	3.26	15.61	0.52	440040.15	650756.96		
3361.00	1.22	348.66	3360.15	-13.66	2.97	13.81	0.31	440041.94	650756.67		
3456.00	0.93	2.01	3455.14	-11.90	2.80	12.05	0.40	440043.70	650756.50		
3552.00	0.70	20.71	3551.13	-10.57	3.03	10.73	0.36	440045.03	650756.73		
3648.00	0.49	24.79	3647.12	-9.65	3.41	9.84	0.22	440045.95	650757.11		
3743.00	0.14	118.58	3742.12	-9.34	3.69	9.54	0.55	440046.26	650757.39		
3839.00	0.66	165.41	3838.12	-9.93	3.93	10.15	0.60	440045.67	650757.63		
3934.00	0.98	172.82	3933.11	-11.26	4.17	11.49	0.35	440044.34	650757.87		
4035.00	0.91	170.12	4034.09	-12.91	4.41	11.15	0.08	440042.69	650758.11		
4100.00	0.93	175.27	4099.09	-13.94	4.55	14.19	0.13	440041.66	650758.25	9.5/8 in	
4447.00	1.13	197.98	4446.03	-20.00	3.72	20.19	0.13	440035.60	650757.42		
4541.00	1.19	195.63	4540.01	-21.82	3.17	21.97	0.08	440033.78	650756.87		
4637.00	1.09	195.21	4635.99	-23.66	2.66	23.78	0.10	440031.94	650756.36		
4733.00	1.13	208.29	4731.98	-25.38	1.98	25.45	0.27	440030.22	650755.68		
4828.00	1.15	193.86	4826.96	-27.13	1.30	27.16	0.30	440028.47	650755.00		
4924.00	1.12	189.23	4922.94	-28.99	0.92	28.99	0.10	440026.61	650754.62		
5020.00	1.14	211.64	5018.92	-30.73	0.27	30.69	0.46	440024.87	650753.97		
5115.00	1.39	222.67	5113.90	-32.38	-1.01	32.26	0.37	440023.22	650752.69		
5211.00	0.97	211.96	5209.88	-33.92	-2.23	33.73	0.49	440021.68	650751.47		
5306.00	0.94	220.38	5304.86	-35.20	-3.16	34.95	0.15	440020.40	650750.54		
5402.00	0.92	223.85	5400.85	-36.36	-4.20	36.04	0.06	440019.24	650749.50		
5592.00	0.85	224.33	5590.83	-38.46	-6.24	38.02	0.04	440017.14	650747.46		
5782.00	0.78	214.16	5780.81	-40.54	-7.95	39.99	0.08	440015.06	650745.75		
5972.00	1.00	205.91	5970.79	-43.10	-9.40	42.46	0.13	440012.50	650744.30		
6162.00	0.98	198.15	6160.76	-46.14	-10.63	45.42	0.07	440009.46	650743.07		
6351.00	1.34	192.19	6349.72	-49.83	-11.60	49.05	0.20	440005.77	650742.10		
6548.00	1.22	259.02	6546.68	-52.49	-14.15	51.54	0.72	440003.11	650739.55		
6738.00	1.48	266.12	6736.63	-53.04	-18.58	51.83	0.16	440002.56	650735.12		

SD Survey Report

Survey Points (Relative to Slot centre, TVD relative to Well TVD Reference.)											Comment
MO (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Nothing (US ft)	Eastng (US ft)		
6928.00	0:82	11:72	6926.60	-51:87	-20:75	50:53	0:99	440003:73	650732:95		
7118.00	0:70	10:33	7116.59	-49:38	-20:47	48:06	0:10	440006:22	650733:23		
7307.00	0:31	356:71	7305.58	-47:71	-20:49	46:40	0:21	440007:89	650733:21		
7497.00	0:25	359:75	7495.58	-46:79	-20:53	45:47	0:03	440008:81	650733:17		
7686.00	0:20	356:63	7684.57	-46:68	-20:40	45:37	0:23	440008:92	650733:30		
7876.00	0:36	173:24	7874.57	-47:57	-20:20	46:28	0:09	440008:03	650733:50		
8065.00	0:74	203:26	8063.56	-49:29	-20:61	47:96	0:25	440006:31	650733:09		
8255.00	1:19	198:27	8253.54	-52:29	-21:71	50:89	0:24	440003:31	650731:99		
8445.00	1:37	233:35	8443.49	-55:52	-24:15	53:97	0:42	440000:08	650729:55		
8634.00	0:60	224:89	8632.46	-57:57	-26:66	55:86	0:41	439998:03	650727:04		
8825.00	0:85	240:73	8823.45	-58:97	-28:60	57:14	0:17	439996:63	650725:10		
9016.00	1:33	248:81	9014.41	-60:46	-31:91	58:44	0:26	439995:14	650721:79		
9110.00	1:40	237:61	9108.39	-61:47	-33:89	59:33	0:29	439994:13	650719:81		
9170.00	2:41	207:71	9168.35	-62:98	-35:10	60:76	2:31	439992:62	650718:60		
9202.00	4:98	194:42	9200.28	-64:92	-35:76	62:66	8:41	439990:68	650717:94		
9234.00	8:68	196:35	9232.05	-68:58	-36:78	66:25	11:58	439987:02	650716:92		
9265.00	12:27	194:60	9262.53	-74:02	-38:27	71:59	11:62	439981:58	650715:43		
9297.00	15:32	195:17	9293.60	-81:39	-40:24	78:83	9:54	439974:21	650713:46		
9329.00	18:56	191:85	9324.21	-90:46	-42:39	87:75	10:56	439965:14	650711:31		
9361.00	21:36	189:42	9354.29	-101:19	-44:39	98:35	9:12	439954:41	650709:31		
9393.00	24:63	188:43	9383.74	-113:54	-46:32	110:56	10:29	439942:06	650707:38		
9425.00	27:41	188:34	9412.49	-127:43	-48:37	124:30	8:69	439928:17	650705:33		
9457.00	30:05	185:62	9440.55	-142:69	-50:22	139:42	9:20	439912:91	650703:48		
9488.00	31:96	182:35	9467.13	-158:62	-51:32	155:25	8:21	439896:98	650702:38		
9520.00	34:70	181:47	9493.86	-176:19	-51:90	172:76	8:69	439879:41	650701:80		
9552.00	37:87	181:37	9519.65	-195:12	-52:37	191:62	9:91	439860:48	650701:33		
9584.00	40:75	179:76	9544.41	-215:39	-52:56	211:84	9:55	439840:21	650701:14		
9616.00	43:33	180:09	9568.17	-236:81	-52:53	233:23	8:09	439818:79	650701:17		
9648.00	46:00	181:08	9590.93	-259:30	-52:77	255:67	8:62	439796:30	650700:93		
9680.00	48:38	181:18	9612.67	-282:77	-53:23	279:07	7:44	439772:83	650700:47		
9712.00	51:59	182:06	9633.25	-307:27	-53:93	303:48	10:25	439748:33	650699:77		
9744.00	55:77	182:46	9652.20	-333:02	-54:95	329:13	13:10	439722:58	650698:75		
9775.00	59:14	181:83	9668.87	-359:13	-55:92	355:13	11:01	439696:47	650697:78		
9807.00	63:37	181:47	9684.26	-387:17	-56:73	383:07	13:26	439668:43	650696:97		
9839.00	66:93	180:73	9697.70	-416:20	-57:28	412:01	11:32	439639:40	650696:42		
9871.00	69:43	177:83	9709.60	-445:90	-56:90	441:68	11:48	439609:70	650696:80		
9945.00	69:72	176:03	9735.42	-515:14	-53:19	511:02	2:31	439540:46	650700:51		
10004.00	68:82	175:92	9756.31	-570:19	-49:31	566:20	1:54	439485:41	650704:39		
10005.00	68:83	175:88	9756.67	-571:12	-49:25	567:13	3:94	439484:48	650704:45	7 in	
10036.00	69:13	174:61	9767.79	-599:95	-46:85	596:06	3:94	439455:65	650706:85		
10067.00	70:02	173:54	9778.61	-628:85	-43:85	625:08	4:32	439426:75	650709:65		
10099.00	71:65	172:59	9789.11	-658:85	-40:70	655:25	5:81	439396:75	650713:50		
10131.00	74:57	171:75	9798.41	-689:18	-36:03	685:78	9:46	439366:42	650717:67		
10163.00	76:25	171:33	9806.28	-719:86	-31:46	716:67	7:55	439335:74	650722:24		
10194.00	80:31	171:01	9812.39	-749:89	-26:80	746:93	10:89	439305:71	650726:90		
10226.00	82:36	170:94	9817.21	-781:13	-21:83	778:41	6:41	439274:47	650731:87		
10289.00	82:01	170:78	9825.78	-842:75	-11:92	840:52	0:61	439212:85	650741:78		
10353.00	81:65	170:38	9834.87	-905:25	-1:55	903:52	0:84	439150:35	650752:15		
10385.00	80:87	169:84	9839.74	-936:40	3:88	934:95	2:95	439119:20	650757:58		
10416.00	82:00	169:41	9844.35	-966:56	9:40	965:38	3:89	439089:04	650763:10		
10448.00	84:54	169:74	9848.10	-997:81	15:15	996:92	8:00	439057:79	650768:85		
10481.00	87:34	170:30	9850:44	-1030:22	20:85	1029:62	8:65	439025:38	650774:55		
10512.00	90:14	170:62	9851:12	-1060:79	25:99	1060:43	9:09	438994:81	650779:69		
10575.00	90:00	170:41	9851:04	-1122:92	36:37	1123:08	0:40	438932:68	650790:07		
10670.00	88:81	171:95	9852:03	-1216:79	50:94	1217:66	2:05	438838:81	650804:64		
10765.00	89:79	174:34	9853:19	-1314:10	62:27	1312:47	2:72	438744:50	650815:97		
10860.00	89:93	176:48	9853:42	-1405:79	69:88	1407:45	2:26	438649:81	650823:58		
10955.00	88:11	174:95	9855:05	-1500:50	76:97	1502:42	2:50	438555:10	650830:67		
11050.00	88:67	177:34	9857:72	-1595:24	83:36	1597:37	2:58	438460:36	650837:06		

SD Survey Report

Survey Points (Relative to Slot centre, TVD relative to Well TVD Reference)										
Mid (US-ft)	Inc (°)	Alt (ft)	TVD (US-ft)	N-Offset (US-ft)	E-Offset (US-ft)	VS (US-ft)	DUS (%/100 US-ft)	Northing (US-ft)	Easting (US-ft)	Comment
11145.00	89.58	178.43	9859.17	1690.16	86.86	1692.33	1.49	438365.44	650840.56	
11241.00	88.39	177.88	9860.87	1786.10	89.95	1788.27	1.37	438269.50	650843.65	
11336.00	89.16	179.14	9862.90	1881.04	92.42	1883.20	1.55	438174.56	650846.12	
11431.00	89.65	178.59	9863.89	1976.01	94.30	1978.11	0.78	438079.59	650848.00	
11526.00	91.12	177.94	9863.25	2070.97	97.18	2073.07	1.69	437984.63	650850.88	
11621.00	90.42	177.03	9861.97	2165.86	101.35	2168.04	1.21	437889.74	650855.05	
11716.00	90.14	176.24	9861.51	2260.70	106.92	2263.04	0.88	437794.90	650860.62	
11810.00	91.19	178.66	9860.42	2354.59	111.11	2357.02	2.81	437701.01	650864.81	
11905.00	90.28	178.61	9859.20	2449.56	113.37	2451.94	0.96	437606.04	650867.07	
12000.00	89.86	178.00	9859.08	2544.51	116.18	2546.90	0.78	437511.09	650869.88	
12095.00	89.58	178.03	9859.54	2639.45	119.47	2641.87	0.30	437416.15	650873.17	
12190.00	88.04	177.76	9861.52	2734.37	122.96	2736.82	1.65	437321.23	650876.66	
12285.00	87.34	176.93	9865.35	2829.19	127.35	2831.73	1.14	437226.41	650881.05	
12380.00	89.30	176.19	9868.13	2923.97	133.05	2926.68	2.21	437131.63	650886.75	
12475.00	90.35	174.64	9868.42	3018.66	140.65	3021.66	1.97	437036.94	650894.35	
12569.00	91.75	176.38	9866.70	3112.35	148.00	3115.62	2.38	436943.25	650901.70	
12665.00	91.61	176.23	9863.89	3208.11	154.19	3211.58	0.21	436847.49	650907.89	
12760.00	91.12	175.61	9861.62	3302.84	160.94	3306.55	0.83	436752.76	650914.64	
12855.00	90.49	175.52	9860.29	3397.55	168.29	3401.52	0.67	436658.05	650921.99	
12950.00	89.58	174.75	9860.23	3492.20	176.35	3496.49	1.25	436563.40	650930.05	
13045.00	88.95	174.82	9861.45	3586.80	184.98	3591.44	0.67	436468.80	650938.68	
13140.00	87.76	174.27	9864.18	3681.33	194.01	3686.34	1.38	436374.27	650947.71	
13235.00	90.49	175.04	9865.63	3775.90	202.85	3781.26	2.99	436279.70	650956.55	
13330.00	92.10	175.63	9863.48	3870.55	210.58	3876.22	1.80	436185.05	650964.28	
13425.00	91.26	174.75	9860.69	3965.18	218.54	3971.15	1.28	436090.42	650972.24	
13520.00	90.98	174.16	9858.84	4059.71	227.72	4066.06	0.69	435995.89	650981.42	
13615.00	90.98	174.19	9857.21	4154.21	237.36	4160.97	0.03	435901.39	650991.06	
13710.00	91.75	176.35	9854.95	4248.85	245.19	4255.91	2.41	435806.75	650998.89	
13805.00	90.00	178.97	9853.50	4343.75	249.07	4350.87	3.32	435711.85	651002.77	
13900.00	90.28	179.39	9853.27	4438.74	250.43	4445.77	0.53	435616.86	651004.13	
13994.00	90.98	179.67	9852.23	4532.73	251.20	4539.64	0.80	435522.87	651004.90	
14090.00	87.69	179.20	9853.35	4628.71	252.14	4635.50	3.46	435426.89	651005.84	
14184.00	90.56	179.20	9854.78	4722.68	253.46	4729.38	3.05	435332.92	651007.16	
14278.00	88.32	178.99	9855.70	4816.65	254.94	4823.27	2.39	435238.95	651008.64	
14374.00	87.90	178.30	9858.87	4912.57	257.21	4919.16	0.84	435143.03	651010.91	
14469.00	90.28	177.91	9860.37	5007.50	260.35	5014.10	2.54	435048.10	651014.05	
14564.00	90.07	178.83	9860.08	5102.46	263.05	5109.05	0.99	434953.14	651016.75	
14658.00	90.07	177.36	9859.97	5196.41	266.18	5203.02	1.56	434859.19	651019.88	
14754.00	90.49	176.63	9859.50	5292.27	271.21	5299.01	0.88	434763.33	651024.91	
14849.00	87.62	177.72	9861.07	5387.13	275.89	5393.98	3.23	434668.47	651029.59	
14944.00	85.87	175.81	9866.46	5481.82	281.24	5488.82	2.72	434573.78	651034.94	
15039.00	86.50	175.79	9872.78	5576.36	288.18	5583.60	0.66	434479.24	651041.88	
15133.00	87.34	175.22	9877.83	5669.93	295.54	5677.45	1.08	434385.67	651049.24	
15227.00	88.11	174.00	9881.56	5763.44	304.36	5771.32	1.53	434292.16	651058.06	
15323.00	88.74	173.67	9884.20	5858.85	314.67	5867.17	0.74	434196.75	651068.37	
15418.00	90.49	172.36	9884.84	5953.13	326.22	5961.98	2.30	434102.47	651079.92	
15513.00	91.47	172.66	9883.22	6047.31	338.60	6056.73	1.08	434008.29	651092.30	
15608.00	91.68	172.00	9880.61	6141.42	351.28	6151.43	0.73	433914.18	651104.98	
15703.00	91.54	171.22	9877.94	6235.37	365.13	6246.04	0.83	433820.23	651118.83	
15798.00	89.93	170.01	9876.72	6329.08	380.62	6340.52	2.12	433726.52	651134.32	
15893.00	88.88	169.42	9877.70	6422.55	397.58	6434.83	1.27	433633.05	651151.28	
15988.00	89.23	169.05	9879.27	6515.87	415.33	6529.05	0.54	433539.73	651169.03	
16083.00	91.47	170.42	9878.69	6609.34	432.25	6623.36	2.76	433446.26	651185.95	
16178.00	92.45	171.46	9875.44	6703.09	447.20	6717.85	1.50	433352.51	651200.90	
16273.00	92.94	170.68	9870.97	6796.84	461.93	6812.31	0.97	433258.76	651215.63	
16367.00	94.62	169.25	9864.78	6889.19	478.28	6905.48	2.34	433166.41	651231.98	
16392.00	94.55	169.28	9862.78	6913.68	482.92	6930.19	0.30	433141.92	651236.62	Last Wrt Svty #028H

SD Survey Report

Survey Points (Relative to Slot centre, TVD relative to Well TVD Reference)										
MB (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
16451.00	94.55	169.28	9858.10	6971.46	493.86	6988.53	0.00	433084.14	651247.56	Proj To Bit #028H