

Weatherford

Evaluation, Drilling & Intervention

10000 West County Rd. #16

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: June 4, 2014

30-DIS-40964

Attention: Kevin Burns

Re: BOPCO, LP
Well: Poker Lake Unit 410H
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-S 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
Ben Hernandez MWD Supervisor	410H	7490 MD 15832 MD	5/15/2014 6/3/2014	Measurement While Drilling

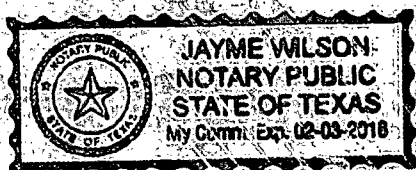
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
MWD Ops Coordinator

On this, the 4th day of June, 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.

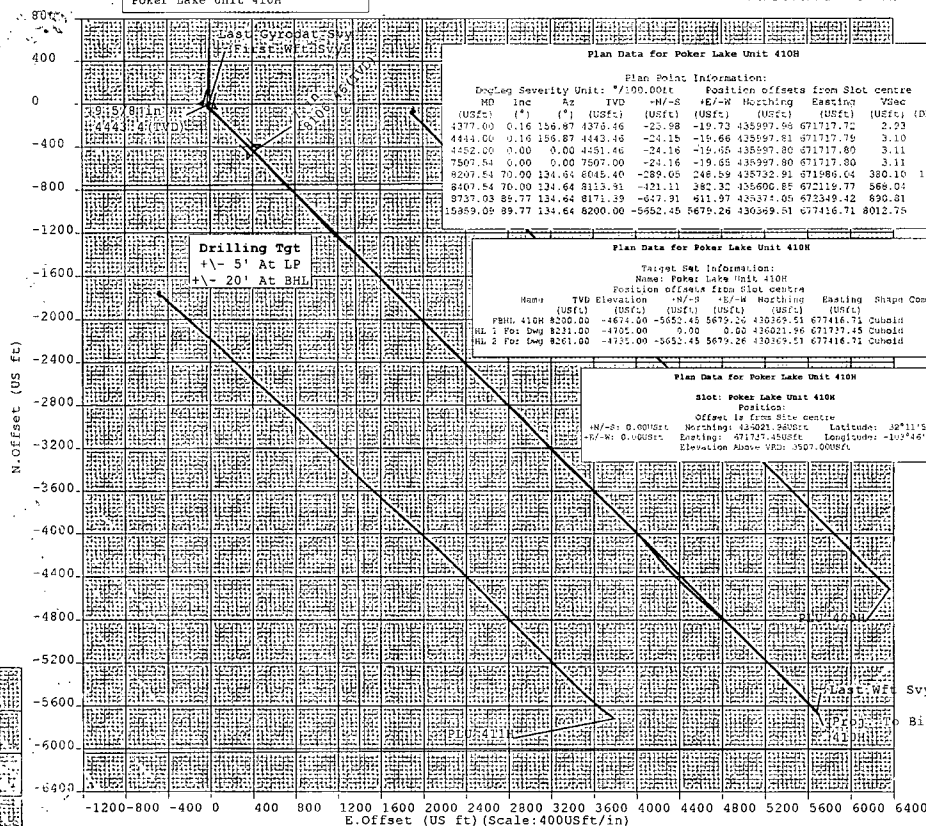
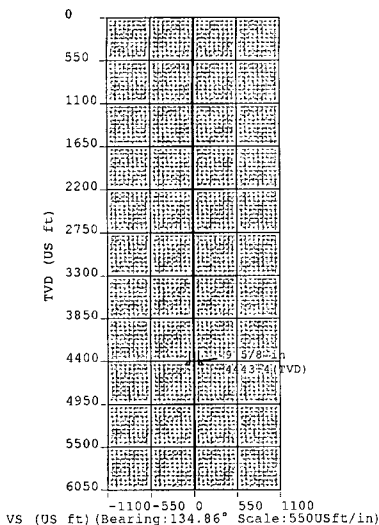
In witness hereof, I hereunto set my hand and official seal.

Notary Public



BOPCO, L.P.
Poker Lake Unit 410H
Eddy Co, NM

Poker Lake Unit 410H
Poker Lake Unit 411H
Poker Lake Unit 409H
Poker Lake Unit 410M



Plan Data for Poker Lake Unit 410H

Plan Point Information:

MD	Inc	Δz	TVD	W-M-S	ΔE-W	Northing	Easting	VSac	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
4377.00	0.16	156.97	4376.46	-23.98	-19.73	435997.96	671717.72	2.23	0.16
4444.00	0.16	156.87	4443.46	-24.15	-19.66	435997.81	671717.75	3.10	0.66
4452.00	0.00	0.00	4451.46	-24.16	-19.65	435997.80	671717.80	3.11	2.00
7507.54	0.00	0.00	7507.00	-24.16	-19.65	435997.80	671717.80	3.11	0.00
8207.54	70.00	134.64	8045.40	-289.05	248.59	435732.91	671586.04	380.10	10.00
8107.54	70.00	134.64	8113.91	-121.11	382.32	435690.85	672119.77	588.01	0.00
9737.03	85.77	134.64	8171.39	-667.91	611.97	435375.00	672349.42	890.81	6.00
15859.05	89.77	134.64	8200.00	-5552.45	5675.26	430369.51	67416.71	8012.75	0.00

Plan Data for Poker Lake Unit 410H

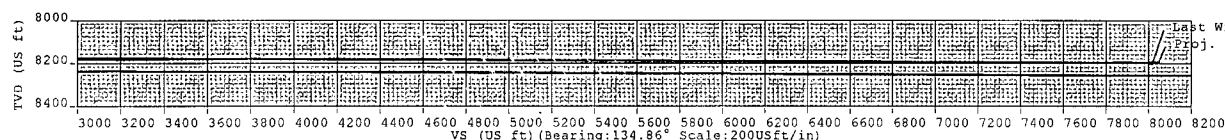
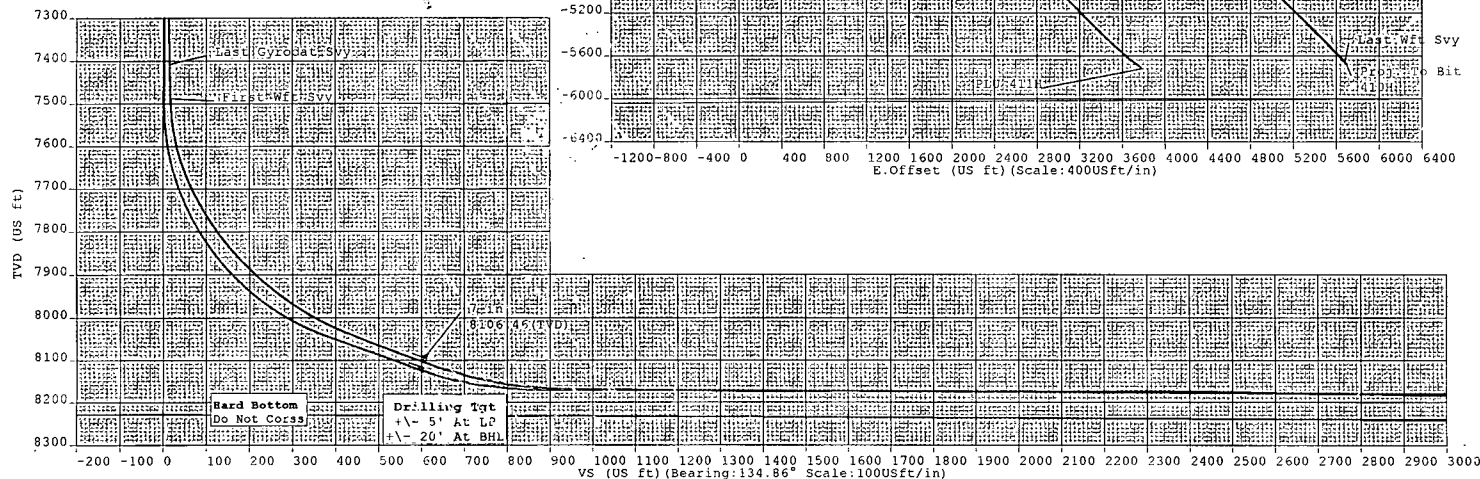
Target Set Information:

Name	TVD Elevation	N-M-S	E-W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)		
PBHL 410H	8200.00	-4674.00	-5552.45	5675.26	430369.51	67416.71	Cuboid
HL 1 For Day	8231.00	-4905.00	0.00	0.00	436021.96	671717.45	Cuboid
HL 2 For Day	8261.00	-4935.00	-5552.45	5675.26	430369.51	67416.71	Cuboid

Plan Data for Poker Lake Unit 410H

Slot: Poker Lake Unit 410H

Position	Offset	Is from Site centre
(USft)	(USft)	
N-M-S: 0.000000	Northing: 435001.940000	Latitude: 36°11'51.1"
E-W: 0.000000	Easting: 671717.450000	Longitude: -107°46'41.3"
	Elevation Above VPD: 3507.000USft	



Sign Off: Russell Joyner

5D Survey Report**BOPCO, L.P.****Field Name:** *Eddy Co, NM Nad27 NMEZ***Site Name:** *Poker Lake Unit 410H***Well Name:** *Poker Lake Unit 410H***Survey:** *Wft MWD Svy*

03 June 2014



Poker Lake Unit 410H

Field Name	Map Units : US ft Vertical Reference Datum (VRD) : Mean Sea Level Projected Coordinate System : NAD27 / New Mexico East Comment :		Company Name : BOPCO, L.P.
Site Name	Units : US ft Position	North Reference : Grid Northing : 436021.96 US ft Easting : 671737.45 US ft	Convergence Angle : 0.30 Latitude : 32° 11' 51.08" Longitude : -103° 46' 41.31"
Poker Lake Unit 410H	Elevation above Mean Sea Level: 3507.00 US ft Comment :		
Slot Name	Position (Offsets relative to Site Centre) +N / -S : 0.00 US ft Northing : 436021.96 US ft Latitude : 32° 11' 51.08" +E / -W : 0.00 US ft Easting : 671737.45 US ft Longitude : -103° 46' 41.31"		
Poker Lake Unit 410H	Slot TVD Reference : Ground Elevation Elevation above Mean Sea Level : 3507.00 US ft Comment :		
Well Name	Type : Main well Rig Height Drill Floor : 19.00 US ft Relative to Mean Sea Level: 3526.00 US ft		UWI : Comment :
Poker Lake Unit 410H	Closure Distance : 8047.28 US ft Vertical Section (Position of Origin Relative to Slot) +N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 134.86°		Closure Azimuth : 134.909°

Target Set

Name : Poker Lake Unit 410H
Number of Targets : 3

Comment :

Target Name:	Position (Relative to Slot centre) +N / -S : -5652.45 US ft Northing : 430369.51 US ft Latitude : 32° 10' 54.85" +E / -W : 5679.26 US ft Easting : 677416.71 US ft Longitude : -103° 45' 35.57"		
PBHL 410H	TVD (Drill Floor) : 8200.00 US ft		
Shape:	Orientation Azimuth : 0.00° Inclination : 0.00° Dimensions Length : 5.00 US ft Breadth : 5.00 US ft Height : 5.00 US ft		
Cuboid			
Target Name:	Position (Relative to Slot centre) +N / -S : 0.00 US ft Northing : 436021.96 US ft Latitude : 32° 11' 51.08" +E / -W : 0.00 US ft Easting : 671737.45 US ft Longitude : -103° 46' 41.31"		
HL 1 For Dwg	TVD (Drill Floor) : 8231.00 US ft		
Shape:	Orientation Azimuth : 134.86° Inclination : -0.22° Dimensions Length : 6000.00 US ft Breadth : 1.00 US ft Height : 2.00 US ft		
Cuboid			

5D Survey Report

Target Name: HL 2 For Dwg Shape: Cuboid	Position (Relative to Slot centre)		
	+N / -S : -5652.45 US ft	Northing : 430369.51 US ft	Latitude : 32°10'54.85"
	+E / -W : 5679.26 US ft	Easting : 677416.71 US ft	Longitude : 103°45'35.57"
TVD (Drill Floor) : 8261.00 US ft			
Orientation		Inclination : -0.22°	
Dimensions		Length : 14230.00 US ft	Breadth : 1.00 US ft
		Height : 2.00 US ft	

Survey Name : Wft MWD Svy**Date** : 23/May/2014**Survey Tool** : MWD**Comment** :**Company** : Wft**Magnetic Model****Model Name**: BGGM**Date**: 20/Jun/2014**Field Strength**:**Declination**: 7.43°**Dip**: 60.03°

48275.3 nT

Tie Point**MD**: 7408.49**Inclination**: 1.1**Azimuth**: 164.82**TVD**: 7407.8**North Offset**: -39.7698**East Offset**: -18.2401**Casing 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)	Northing (US ft)	Easting (US ft)	Name
8407.00	71.30	133.81	8106.46	-446.14	413.11	435575.82	672150.56	7 in

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
7490.00	1.79	156.53	7489.28	-41.69	-17.53	16.98	0.00	435980.27	671719.92	First Wft Svy
7522.00	4.44	139.94	7521.23	-43.10	-16.53	18.68	8.66	435978.86	671720.92	
7553.00	7.93	131.41	7552.05	-45.43	-14.15	22.01	11.61	435976.53	671723.30	
7585.00	11.61	129.05	7583.58	-48.92	-10.00	27.42	11.57	435973.04	671727.45	
7616.00	15.20	128.41	7613.73	-53.41	-4.39	34.57	11.59	435968.55	671733.06	
7646.00	18.88	127.82	7642.41	-58.04	2.53	43.29	12.28	435963.12	671739.98	
7678.00	21.97	128.79	7672.39	-65.76	11.29	54.39	9.71	435956.20	671748.74	
7710.00	25.24	130.25	7701.71	-73.92	21.16	67.14	10.38	435948.04	671758.61	
7742.00	28.15	130.93	7730.30	-83.28	32.08	81.48	9.14	435938.68	671769.53	
7773.00	30.86	131.57	7757.28	-93.35	43.55	96.71	8.80	435928.61	671781.00	
7805.00	33.85	131.63	7784.30	-104.72	56.36	113.81	9.34	435917.24	671793.81	
7835.00	36.31	132.27	7808.85	-116.24	69.18	131.03	8.29	435905.72	671806.63	
7867.00	39.41	133.00	7834.11	-129.55	83.62	150.65	9.79	435892.41	671821.07	
7898.00	42.04	133.38	7857.61	-143.39	98.36	170.87	8.52	435878.57	671835.81	
7929.00	44.54	134.08	7880.17	-158.08	113.72	192.12	8.21	435863.88	671851.17	
7959.00	47.34	134.72	7901.03	-173.17	129.12	213.67	9.46	435848.79	671866.57	
7990.00	49.69	134.74	7921.56	-189.51	145.62	236.89	7.58	435832.45	671883.07	
8021.00	52.39	134.74	7941.05	-206.48	162.74	261.00	8.71	435815.48	671900.19	
8053.00	54.55	134.44	7960.10	-224.53	181.05	286.71	6.79	435797.43	671918.50	
8083.00	56.61	134.60	7977.06	-241.88	198.69	311.45	6.88	435780.08	671936.14	
8115.00	59.24	134.36	7994.05	-260.87	218.04	338.56	8.24	435761.09	671955.49	
8147.00	62.10	133.57	8009.72	-280.24	238.12	366.46	9.19	435741.72	671975.57	
8179.00	65.10	133.49	8023.95	-299.97	258.89	395.11	9.38	435721.99	671996.34	
8210.00	67.54	133.74	8036.40	-319.56	279.45	423.49	7.91	435702.40	672016.90	
8242.00	68.30	133.76	8048.43	-340.06	300.87	453.14	2.38	435681.90	672038.32	
8272.00	68.60	133.50	8059.45	-359.32	321.06	481.03	1.28	435662.64	672058.51	
8304.00	68.97	133.17	8071.03	-379.79	342.76	510.85	1.50	435642.17	672080.21	
8340.00	69.27	133.06	8083.86	-402.78	367.31	544.47	0.88	435619.18	672104.76	
8407.00	71.30	133.81	8106.46	-446.14	413.11	607.52	3.20	435575.82	672150.56	7 in
8456.00	72.78	134.34	8121.57	-478.56	446.60	654.13	3.20	435543.40	672184.05	
8488.00	75.00	134.46	8130.45	-500.07	468.56	684.87	6.95	435521.89	672206.01	
8519.00	76.34	136.19	8138.12	-521.43	489.68	714.90	6.92	435500.53	672227.13	

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	
8551.00	77.17	137.20	8145.45	-544.09	511.04	746.03	4.02	435477.87	672248.49		
8582.00	78.23	138.06	8152.06	-566.47	531.45	776.29	4.36	435455.49	672268.90		
8614.00	80.89	138.52	8157.86	-539.96	552.39	807.70	8.43	435432.00	672289.84		
8646.00	83.81	138.74	8162.12	-613.76	573.35	839.34	9.15	435408.20	672310.80		
8677.00	85.37	138.57	8165.04	-636.93	593.73	870.13	5.06	435385.03	672331.18		
8709.00	86.35	137.55	8167.35	-660.67	615.06	902.00	4.41	435361.29	672352.51		
8741.00	88.21	136.56	8168.87	-684.07	636.84	933.94	6.58	435337.89	672374.29		
8773.00	88.46	133.61	8169.80	-706.71	659.42	965.92	9.25	435315.25	672396.87		
8804.00	90.06	134.00	8170.20	-728.17	681.79	996.91	5.31	435293.79	672419.24		
8900.00	89.26	134.55	8170.77	-795.19	750.53	1092.90	1.01	435226.77	672487.98		
8994.00	89.38	134.61	8171.88	-861.16	817.48	1186.90	0.14	435160.80	672554.93		
9089.00	88.70	135.05	8173.47	-928.13	884.84	1281.88	0.85	435093.83	672622.29		
9184.00	89.75	138.45	8174.76	-997.30	949.91	1376.81	3.75	435024.66	672687.36		
9279.00	90.80	136.11	8174.30	-1067.09	1014.36	1471.71	2.70	434954.87	672751.81		
9374.00	90.25	137.02	8173.43	-1136.07	1079.67	1566.66	1.12	434885.89	672817.12		
9470.00	89.07	131.40	8174.00	-1202.98	1148.45	1662.62	5.98	434818.98	672885.90		
9564.00	89.75	132.40	8174.97	-1265.76	1218.41	1756.48	1.29	434756.20	672955.86		
9658.00	90.68	131.95	8174.62	-1328.87	1288.07	1850.38	1.10	434693.09	673025.52		
9753.00	89.69	133.75	8174.31	-1393.47	1357.72	1945.32	2.16	434628.49	673095.17		
9848.00	89.51	134.07	8174.97	-1459.35	1426.16	2040.30	0.39	434562.61	673163.61		
9943.00	90.62	133.99	8174.87	-1525.38	1494.46	2135.29	1.17	434496.58	673231.91		
10038.00	90.25	134.54	8174.15	-1591.69	1562.49	2230.28	0.70	434430.27	673299.94		
10133.00	89.81	136.40	8174.10	-1659.41	1629.11	2325.27	2.01	434362.55	673366.56		
10228.00	89.57	133.89	8174.61	-1726.74	1696.10	2420.26	2.65	434295.22	673433.55		
10323.00	88.83	134.68	8175.94	-1793.07	1764.10	2515.24	1.14	434228.89	673501.55		
10418.00	88.40	135.73	8178.23	-1860.46	1831.02	2610.21	1.19	434161.50	673568.47		
10513.00	89.75	133.34	8179.77	-1927.08	1898.72	2705.19	2.89	434094.88	673636.17		
10608.00	89.01	135.07	8180.79	-1993.31	1966.82	2800.17	1.98	434028.65	673704.27		
10703.00	89.07	135.43	8182.39	-2060.76	2033.69	2895.16	0.38	433961.20	673771.14		
10798.00	89.32	132.89	8183.72	-2126.93	2101.83	2990.13	2.69	433895.03	673839.28		
10892.00	90.12	137.20	8184.18	-2193.44	2168.23	3084.11	4.66	433828.52	673905.68		
10987.00	89.26	134.08	8184.69	-2261.35	2234.64	3179.09	3.41	433760.61	673972.09		
11083.00	89.63	132.94	8185.62	-2327.44	2304.26	3275.05	1.25	433694.52	674041.71		
11179.00	91.60	135.56	8184.59	-2394.41	2373.01	3371.03	3.41	433627.55	674110.46		
11274.00	90.25	134.24	8183.06	-2461.46	2440.29	3466.01	1.99	433560.50	674177.74		
11369.00	90.19	133.47	8182.70	-2527.28	2508.79	3561.00	0.81	433494.68	674246.24		
11465.00	90.06	132.99	8182.49	-2593.03	2578.74	3656.96	0.52	433428.93	674316.19		
11560.00	90.74	134.63	8181.82	-2658.79	2647.29	3751.94	1.87	433363.17	674384.74		
11654.00	88.95	133.67	8182.08	-2724.26	2714.73	3845.92	2.16	433297.70	674452.18		
11750.00	90.37	134.63	8182.65	-2791.13	2783.61	3941.91	1.79	433230.83	674521.06		
11845.00	89.01	130.99	8183.16	-2855.67	2853.29	4036.83	4.09	433166.29	674590.74		
11940.00	89.01	135.05	8184.80	-2920.46	2922.72	4131.75	4.27	433101.50	674660.17		
12035.00	89.69	139.31	8185.88	-2990.12	2987.27	4226.64	4.54	433031.84	674724.72		
12130.00	88.70	134.93	8187.22	-3059.71	3051.89	4321.53	4.73	432962.25	674789.34		
12224.00	90.49	136.44	8187.88	-3126.97	3117.56	4415.51	2.49	432894.99	674855.01		
12319.00	90.37	136.44	8187.17	-3195.81	3183.02	4510.48	0.13	432826.15	674920.47		
12413.00	89.88	136.17	8186.96	-3263.77	3247.96	4604.45	0.60	432758.19	674985.41		
12508.00	89.20	133.24	8187.73	-3330.59	3315.47	4699.43	3.17	432691.37	675052.92		
12603.00	90.31	133.82	8188.13	-3396.02	3384.34	4794.40	1.32	432625.94	675121.79		
12699.00	89.29	132.44	8188.47	-3461.65	3454.40	4890.35	1.79	432560.31	675191.85		
12793.00	90.12	135.68	8188.95	-3527.00	3521.94	4984.33	3.56	432494.96	675259.39		
12888.00	89.20	134.23	8189.52	-3594.12	3589.16	5079.33	1.81	432427.84	675326.61		
12983.00	90.12	134.17	8190.08	-3660.35	3657.27	5174.32	0.97	432361.61	675394.72		
13078.00	89.51	133.11	8190.39	-3725.91	3726.02	5269.29	1.29	432296.05	675463.47		
13173.00	89.20	135.82	8191.46	-3792.45	3793.80	5364.28	2.87	432229.51	675531.25		
13268.00	90.88	135.61	8191.39	-3860.45	3860.13	5459.26	1.78	432161.51	675597.58		
13363.00	88.89	134.40	8191.58	-3927.63	3927.30	5554.25	2.45	432094.33	675664.75		
13458.00	90.25	136.16	8192.29	-3995.12	3994.14	5649.24	2.34	432026.84	675731.59		
13553.00	90.25	138.24	8191.88	-4064.82	4058.68	5744.16	2.19	431957.14	675796.13		

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
13647.00	89.57	139.74	8192.03	-4135.75	4120.36	5837.91	1.75	431886.21	675857.81	
13742.00	89.88	139.69	8192.48	-4208.22	4181.79	5932.57	0.33	431813.74	675919.24	
13839.00	90.80	139.21	8191.91	-4281.92	4244.84	6029.25	1.07	431740.04	675982.29	
13935.00	89.07	137.16	8192.02	-4353.47	4308.84	6125.08	2.79	431668.49	676046.29	
14030.00	90.99	133.71	8191.97	-4421.14	4375.49	6220.06	4.16	431600.82	676112.94	
14126.00	89.94	131.33	8191.19	-4486.01	4446.24	6315.97	2.71	431535.95	676183.69	
14221.00	89.94	132.22	8191.29	-4549.30	4517.09	6410.83	0.94	431472.66	676254.54	
14315.00	89.03	132.09	8192.13	-4612.38	4586.77	6504.72	0.98	431409.58	676324.22	
14411.00	90.31	131.75	8192.68	-4676.52	4658.20	6600.59	1.38	431345.44	676395.65	
14505.00	89.32	131.74	8192.99	-4739.10	4728.33	6694.45	1.05	431282.86	676465.78	
14600.00	88.41	127.15	8194.87	-4799.43	4801.66	6788.98	4.92	431222.53	676539.11	
14695.00	89.69	132.74	8196.45	-4860.39	4874.45	6883.58	6.04	431161.57	676611.90	
14788.00	89.81	134.55	8196.85	-4924.58	4941.75	6976.55	1.95	431097.38	676679.20	
14882.00	89.20	136.46	8197.66	-4991.62	5007.62	7070.54	2.13	431030.34	676745.07	
14977.00	90.25	134.23	8198.12	-5059.20	5074.38	7165.53	2.59	430962.76	676811.83	
15072.00	90.06	133.63	8197.86	-5125.10	5142.80	7260.51	0.66	430896.86	676880.25	
15167.00	90.92	134.97	8197.05	-5191.45	5210.79	7355.50	1.68	430830.51	676948.24	
15262.00	89.01	134.73	8197.11	-5258.44	5278.13	7450.50	2.03	430763.52	677015.58	
15357.00	89.14	133.55	8198.64	-5324.59	5346.30	7545.48	1.25	430697.37	677083.75	
15452.00	91.48	134.19	8198.13	-5390.43	5414.78	7640.45	2.55	430631.53	677152.23	
15547.00	89.38	136.29	8197.42	-5457.87	5481.67	7735.44	3.13	430564.09	677219.12	
15642.00	91.18	136.88	8196.95	-5526.88	5546.95	7830.39	1.99	430495.08	677284.40	
15737.00	89.01	136.85	8196.79	-5596.20	5611.90	7925.33	2.28	430425.76	677349.35	
15832.00	90.68	132.48	8197.05	-5662.96	5679.45	8020.30	4.92	430359.00	677416.90	Last Wft Svy
15859.00	90.68	132.48	8196.73	-5681.19	5699.36	8047.27	0.00	430340.77	677436.81	Proj. To Bit 410H