

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: January 29, 2014

30-015-40791

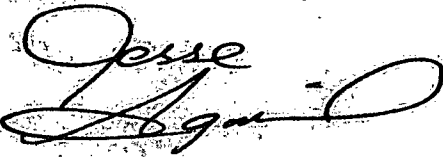
Attention: Jeremy Braden

Re: BOPCO, LP
Well: Poker Lake Unit 322H
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 Geerdes MWD Supervisor	322H	683' MD 16413 MD	1/7/2014 1/27/2014	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.

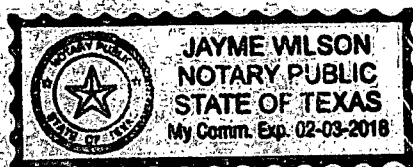


Jesse Aguilar
MWD Ops Coordinator

On this, the 3rd day of February, 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

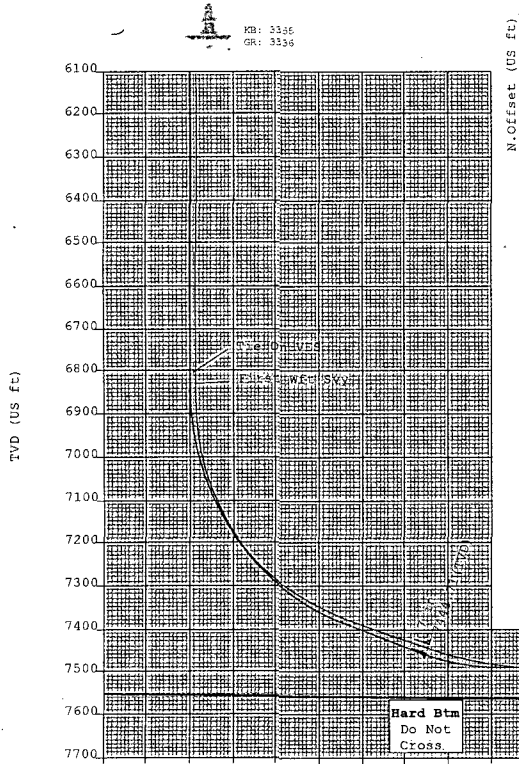


BOPCO, L.P.
Poker Lake Unit 322H
Eddy Co, NM

Plan Data for Poker Lake Unit 322H

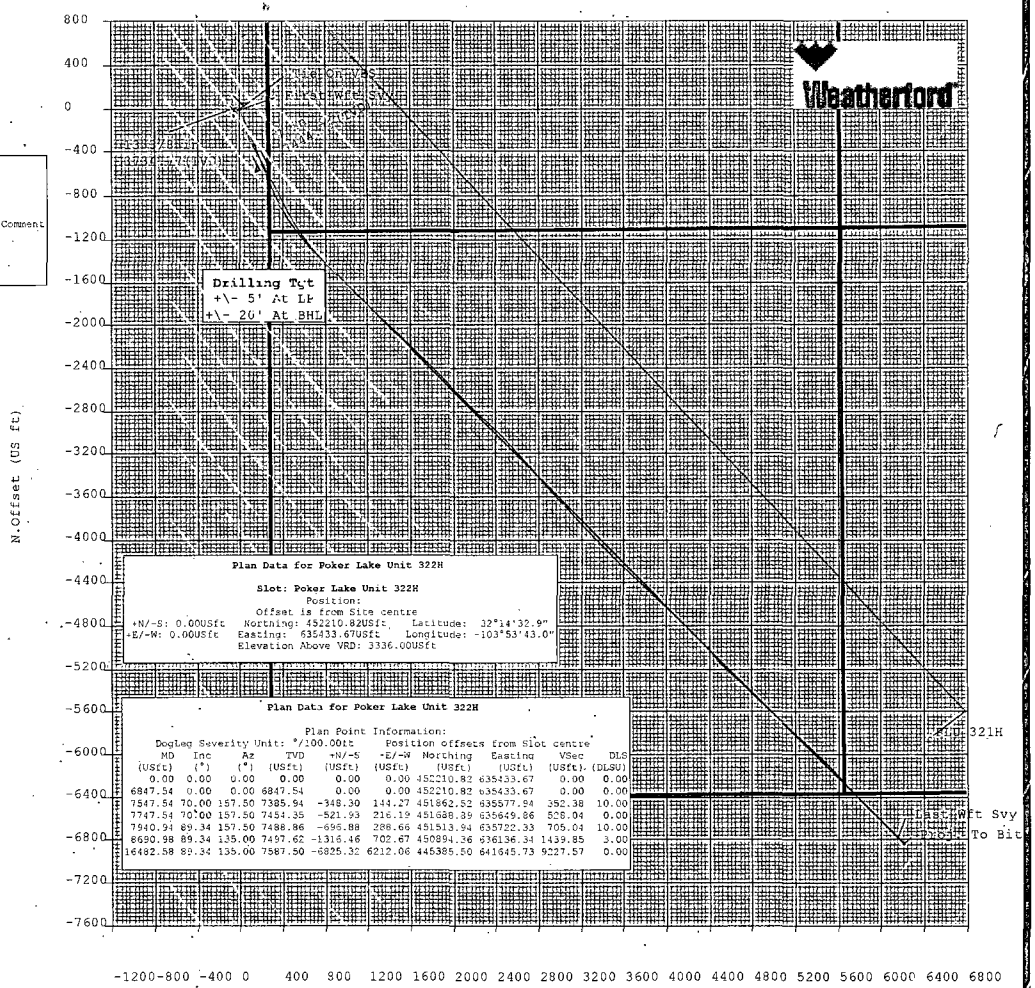
Target Set Information:
 Name: Poker Lake Unit 322H
 Position offsets from Slot centre

Name	TVD	Elevation	+N/-S	+E/-W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)		
PHL 1	7537.50	-4235.50	-6825.32	5212.06	445385.50	641545.73	Cuboid	
PHL 2	7660.00	-4305.00	-6825.32	5212.06	445385.50	641545.73	Cuboid	
PHL 3	7555.00	-4200.00	0.00	0.00	452210.82	635433.67	Cuboid	



TVD (US ft)

TVD (US ft)



Plan Data for Poker Lake Unit 322H

Slot: Poker Lake Unit 322H

Position:
 Offset is from Site centre
 Northing: 452210.82USft, Latitude: 32°14'32.9"
 Easting: 635433.67USft, Longitude: -103°53'43.0"
 Elevation Above VRD: 3336.00USft

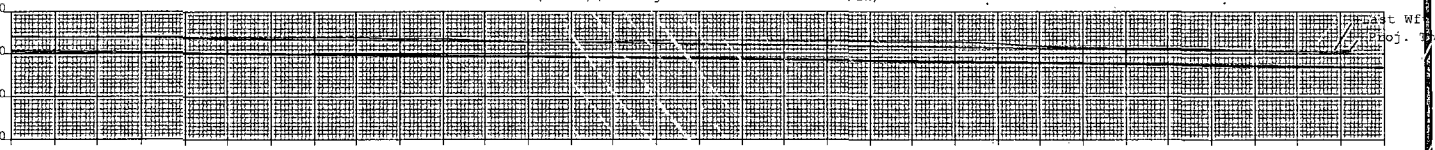
Plan Data for Poker Lake Unit 322H

Plan Point Information:
 Dogleg Severity Unit: 1/100.00ft Position offsets from Slot centre

MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLS)
0.00	0.00	0.00	0.00	0.00	0.00	452210.82	635433.67	0.00	0.00
6847.54	0.00	0.00	6847.54	0.00	0.00	452210.82	635433.67	0.00	0.00
7547.54	70.00	157.50	7385.94	-348.30	144.27	451862.52	635577.94	352.38	10.00
7747.54	70.00	157.50	7454.35	-521.93	216.19	451688.39	635649.86	528.04	0.00
7940.34	89.34	135.00	7488.86	-695.88	288.66	451513.94	635722.33	705.04	10.00
8690.98	89.34	135.00	7457.62	-1318.46	702.67	450894.36	636138.34	1439.85	3.00
16482.58	89.34	135.00	7587.50	-6825.32	6212.06	445385.50	641545.73	9227.57	0.00

-1200 -800 -400 0 400 800 1200 1600 2000 2400 2800 3200 3600 4000 4400 4800 5200 5600 6000 6400 6800

VS (US ft) (Bearing:137.69° Scale:100USft/in)



3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000 7200 7400 7600 7800 8000 8200 8400 8600 8800 9000 9200 9400

VS (US ft) (Bearing:137.69° Scale:200USft/in)

Sign Off: Russell Joyner

5D Survey Report

BOPCO, L.P.

Field Name: *Eddy Co, NM Nad27 NMEZ*

Site Name: *Poker Lake Unit 322H*

Well Name: *Poker Lake Unit 322H*

Survey: *Wft Svy*

27 January 2014



Poker Lake Unit 322H

Field Name Eddy Co, NM Nad27 NMEZ	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 Poker Lake Unit 322H	Units : US ft North Reference : Grid Convergence Angle : 0.23 Position Northing : 452210.82 US ft Latitude : 32° 14' 32.95" Easting : 635433.67 US ft Longitude : -103° 53' 43.04" Elevation above Mean Sea Level: 3336.00 US ft Comment :	
Slot Name Poker Lake Unit 322H	Position (Offsets relative to Site Centre) +N / -S : 0.00 US ft Northing : 452210.82 US ft Latitude : 32° 14' 32.95" +E / -W : 0.00 US ft Easting : 635433.67 US ft Longitude : -103° 53' 43.04" Slot TVD Reference : Ground Elevation Elevation above Mean Sea Level : 3336.00 US ft Comment :	
Well Name Poker Lake Unit 322H	Type : Main well Rig Height Drill Floor : 19.00 US ft Relative to Mean Sea Level: 3355.00 US ft UWI : Comment : Closure Distance : 9248.01 US ft Closure Azimuth : 137.737° Vertical Section (Position of Origin Relative to Slot) +N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 137.69°	

Target Set

Name : Poker Lake Unit **Number of Targets :** 3
322H

Comment :

Target Name: PBHL	Position (Relative to Slot centre) +N / -S : -6825.32 US ft Northing : 445385.50 US ft Latitude : 32° 13' 25.15" +E / -W : -6212.06 US ft Easting : 641645.73 US ft Longitude : -103° 52' 31.05" Shape: TVD (Drill Floor) : 7587.50 US ft Cuboid Orientation Azimuth : 0.00° Inclination : 0.00° Dimensions Length : 20.00 US ft Breadth : 20.00 US ft Height : 20.00 US ft
Target Name: HB 1 for Dwg	Position (Relative to Slot centre) +N / -S : -6825.32 US ft Northing : 445385.50 US ft Latitude : 32° 13' 25.15" +E / -W : -6212.06 US ft Easting : 641645.73 US ft Longitude : -103° 52' 31.05" Shape: TVD (Drill Floor) : 7660.00 US ft Cuboid Orientation Azimuth : 135.00° Inclination : -0.66° Dimensions Length : 17468.00 US ft Breadth : 0.00 US ft Height : 2.00 US ft

5D Survey Report

Target Name: HB 2 For Dwg Shape: Cuboid	Position (Relative to Slot centre)		
	+N / -S : 0.00 US ft	Northing : 452210.82 US ft	Latitude : 32°14'32.95"
	+E / -W : 0.00 US ft	Easting : 635433.67 US ft	Longitude : -103°53'43.04"
	TVD (Drill Floor) : 7555.00 US ft		
Orientation		Azimuth : 135.00°	Inclination : -0.66°
Dimensions		Length : 17468.00 US ft	Breadth : 0.00 US ft
		Height : 2.00 US ft	

Survey Name : Wft Svy**Date :** 15/Jan/2014**Survey Tool :** MWD**Comment :****Company :** Wft**Magnetic Model****Model Name:** BGGM**Date:** 30/Jan/2014**Field Strength:****Declination:** 7.53°**Dip:** 60.07°

48333.0 nT

Tie Point**MD:** 6805**Inclination:** 1.25 **Azimuth:** 216.53**TVD:** 6804.48**North Offset:** -27.92**East Offset:** -13.4121**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
7747.00	72.19	151.49	7444.71	-534.29	232.43	451676.53	635666.10	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
6805.00	1.25	216.53	6804.48	-27.92	-13.41	11.62	0.00	452182.90	635420.26	Tie On VES
6831.00	1.39	207.61	6830.47	-28.43	-13.73	11.78	0.95	452182.39	635419.94	First Wft Svy
6860.00	2.80	188.98	6859.45	-29.44	-14.00	12.35	5.34	452181.38	635419.67	
6891.00	3.84	184.67	6890.40	-31.22	-14.20	13.53	3.45	452179.60	635419.47	
6922.00	5.63	170.63	6921.29	-33.76	-14.04	15.51	6.84	452177.06	635419.63	
6954.00	8.28	161.53	6953.06	-37.49	-13.05	18.94	8.94	452173.33	635420.62	
6985.00	11.48	156.37	6983.59	-42.44	-11.11	23.90	10.70	452168.38	635422.56	
7017.00	14.80	152.98	7014.75	-49.00	-7.98	30.86	10.65	452161.82	635425.69	
7048.00	18.07	152.76	7044.48	-56.80	-3.98	39.33	10.55	452154.02	635429.69	
7080.00	21.25	152.42	7074.61	-66.36	0.98	49.73	9.94	452144.46	635434.65	
7111.00	24.81	152.40	7103.14	-77.10	6.60	61.46	11.48	452133.72	635440.27	
7142.00	27.85	153.76	7130.92	-89.36	12.81	74.71	10.00	452121.46	635446.48	
7172.00	31.13	155.07	7157.03	-102.68	19.18	88.85	11.14	452108.14	635452.85	
7203.00	34.73	156.29	7183.04	-118.04	26.11	104.87	11.81	452092.78	635459.78	
7235.00	38.68	156.86	7208.69	-135.59	33.71	122.96	12.39	452075.23	635467.38	
7266.00	42.77	156.86	7232.18	-154.18	41.66	142.06	13.19	452056.64	635475.33	
7297.00	46.98	157.15	7254.14	-174.31	50.20	162.70	13.60	452036.51	635483.87	
7329.00	51.52	157.23	7275.03	-196.66	59.59	185.54	14.19	452014.16	635493.26	
7361.00	55.41	156.05	7294.07	-220.25	69.79	209.86	12.51	451990.57	635503.46	
7392.00	58.03	155.43	7311.08	-243.88	80.44	234.50	8.62	451966.94	635514.11	
7424.00	60.70	154.58	7327.39	-268.83	92.08	260.78	8.65	451941.99	635525.75	
7455.00	62.60	153.61	7342.11	-293.37	104.00	286.95	6.72	451917.45	635537.67	
7486.00	64.72	152.51	7355.86	-318.13	116.59	313.74	7.54	451892.69	635550.26	
7517.00	66.61	151.67	7368.64	-343.09	129.81	341.10	6.58	451867.73	635563.48	
7549.00	69.72	151.61	7380.54	-369.22	143.92	369.92	9.72	451841.60	635577.59	
7580.00	70.74	151.88	7391.02	-394.92	157.73	398.22	3.39	451815.90	635591.40	
7612.00	70.90	151.78	7401.54	-421.56	171.99	427.53	0.58	451789.26	635605.66	
7643.00	71.12	151.74	7411.62	-447.39	185.86	455.96	0.72	451763.43	635619.53	
7675.00	71.04	152.06	7422.00	-474.09	200.12	485.31	0.98	451736.73	635633.79	
7747.00	72.19	151.49	7444.71	-534.29	232.43	551.58	1.77	451676.53	635666.10	7 in
7773.00	72.61	151.29	7452.57	-556.05	244.30	575.65	1.77	451654.77	635677.97	
7803.00	74.72	151.06	7461.00	-581.27	258.18	603.65	7.07	451629.55	635691.85	

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
7833.00	76.88	151.23	7468.36	-606.74	272.21	631.93	7.22	451604.08	635705.88	
7864.00	79.02	151.49	7474.83	-633.35	286.74	661.39	6.95	451577.47	635720.41	
7895.00	80.80	151.18	7480.26	-660.12	301.38	691.05	5.83	451550.70	635735.05	
7925.00	82.50	151.05	7484.62	-686.11	315.72	719.92	5.68	451524.71	635749.39	
7956.00	84.40	151.50	7488.16	-713.12	330.52	749.85	6.30	451497.70	635764.19	
7987.00	86.22	151.38	7490.69	-740.25	345.29	779.86	5.88	451470.57	635778.96	
8018.00	89.51	152.38	7491.85	-767.57	359.89	809.89	11.09	451443.25	635793.56	
8048.00	90.98	152.88	7491.72	-794.21	373.68	838.87	5.18	451416.61	635807.35	
8079.00	90.56	152.63	7491.30	-821.77	387.87	868.80	1.58	451389.05	635821.54	
8170.00	90.49	152.54	7490.47	-902.55	429.77	956.74	0.13	451308.27	635863.44	
8261.00	90.56	151.03	7489.63	-982.73	472.79	1045.00	1.66	451228.09	635906.46	
8353.00	90.42	148.00	7488.85	-1062.00	519.46	1135.03	3.30	451148.82	635953.13	
8442.00	89.37	145.44	7489.01	-1136.40	568.29	1222.92	3.11	451074.42	636001.96	
8533.00	89.02	141.83	7490.29	-1209.66	622.23	1313.41	3.99	451001.16	636055.90	
8625.00	87.62	138.47	7492.99	-1280.24	681.15	1405.27	3.95	450930.58	636114.82	
8718.00	87.97	137.91	7496.57	-1349.51	743.10	1498.19	0.71	450861.31	636176.77	
8809.00	87.20	138.01	7500.40	-1417.03	803.98	1589.11	0.85	450793.79	636237.65	
8901.00	87.13	136.11	7504.95	-1484.30	866.58	1680.99	2.06	450726.52	636300.25	
8996.00	87.90	134.85	7509.07	-1551.97	933.12	1775.83	1.55	450658.85	636366.79	
9091.00	89.58	134.44	7511.16	-1618.71	1000.69	1870.66	1.82	450592.11	636434.36	
9185.00	89.51	133.90	7511.90	-1684.20	1068.12	1964.48	0.58	450526.62	636501.79	
9280.00	91.54	134.62	7511.03	-1750.50	1136.15	2059.30	2.27	450460.32	636569.82	
9375.00	91.05	134.42	7508.89	-1817.09	1203.86	2154.13	0.56	450393.73	636637.53	
9470.00	90.70	133.91	7507.44	-1883.27	1272.00	2248.94	0.65	450327.55	636705.67	
9565.00	89.72	132.37	7507.09	-1948.23	1341.32	2343.64	1.92	450262.59	636774.99	
9660.00	89.65	132.38	7507.61	-2012.26	1411.50	2438.23	0.07	450198.56	636845.17	
9755.00	89.72	135.44	7508.13	-2078.13	1479.93	2533.01	3.22	450132.69	636913.60	
9849.00	88.60	133.19	7509.51	-2143.79	1547.18	2626.83	2.67	450067.03	636980.85	
9944.00	90.35	135.96	7510.38	-2210.45	1614.84	2721.67	3.45	450000.37	637048.51	
10039.00	88.88	133.74	7511.02	-2277.44	1682.18	2816.54	2.80	449933.38	637115.85	
10134.00	87.90	133.43	7513.69	-2342.91	1750.96	2911.26	1.08	449867.91	637184.63	
10229.00	88.67	134.07	7516.53	-2408.58	1819.56	3005.99	1.05	449802.24	637253.23	
10324.00	90.70	136.39	7517.05	-2476.01	1886.45	3100.89	3.24	449734.81	637320.12	
10419.00	89.23	135.79	7517.11	-2544.45	1952.34	3195.85	1.67	449666.37	637386.01	
10514.00	90.63	135.39	7517.23	-2612.31	2018.81	3290.79	1.53	449598.51	637452.48	
10609.00	90.42	135.28	7516.36	-2679.88	2085.59	3385.70	0.25	449530.94	637519.26	
10704.00	90.07	134.73	7515.95	-2747.06	2152.76	3480.60	0.69	449463.76	637586.43	
10799.00	88.67	133.40	7517.00	-2813.12	2221.02	3575.40	2.03	449397.70	637654.69	
10894.00	90.70	132.98	7517.52	-2878.13	2290.27	3670.10	2.18	449332.69	637723.94	
10989.00	90.00	133.82	7516.94	-2943.40	2359.30	3764.83	1.15	449267.42	637792.97	
11084.00	88.32	133.43	7518.33	-3008.94	2428.05	3859.58	1.82	449201.88	637861.72	
11179.00	90.91	136.52	7518.97	-3076.07	2495.24	3954.45	4.24	449134.75	637928.91	
11274.00	88.88	137.56	7519.14	-3145.59	2559.98	4049.43	2.40	449065.23	637993.65	
11368.00	89.93	138.33	7520.12	-3215.38	2622.94	4143.43	1.39	448995.44	638056.61	
11464.00	90.42	138.05	7519.83	-3286.93	2686.94	4239.42	0.59	448923.89	638120.61	
11559.00	90.21	138.36	7519.30	-3357.76	2750.25	4334.42	0.39	448853.06	638183.92	
11654.00	89.72	138.34	7519.36	-3428.74	2813.39	4429.41	0.52	448782.08	638247.06	
11748.00	90.49	139.93	7519.19	-3499.83	2874.89	4523.38	1.88	448710.99	638308.56	
11843.00	88.39	136.56	7520.12	-3570.68	2938.14	4618.35	4.18	448640.14	638371.81	
11937.00	87.27	134.22	7523.68	-3637.55	3004.10	4712.20	2.76	448573.27	638437.77	
12032.00	90.14	137.77	7525.83	-3705.84	3070.06	4807.11	4.80	448504.98	638503.73	
12128.00	91.19	138.48	7524.71	-3777.32	3134.13	4903.09	1.32	448433.50	638567.80	
12222.00	87.27	136.50	7525.98	-3846.59	3197.63	4997.06	4.67	448364.23	638631.30	
12317.00	87.20	135.92	7530.56	-3915.09	3263.29	5091.92	0.61	448295.73	638696.96	
12412.00	87.90	135.36	7534.62	-3982.95	3329.65	5186.77	0.94	448227.87	638763.32	
12507.00	88.11	135.51	7537.93	-4050.59	3396.28	5281.64	0.27	448160.23	638829.95	
12602.00	87.62	134.76	7541.47	-4117.87	3463.25	5376.48	0.94	448092.95	638896.92	
12696.00	89.79	135.27	7543.59	-4184.34	3529.68	5470.35	2.37	448026.48	638963.35	
12791.00	90.00	132.88	7543.76	-4250.42	3597.92	5565.15	2.53	447960.40	639031.59	

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
12886.00	90.63	132.41	7543.24	-4314.77	3667.80	5659.78	0.83	447896.05	639101.47	
12981.00	90.84	132.53	7542.02	-4378.91	3737.87	5754.38	0.25	447831.91	639171.54	
13076.00	91.27	132.38	7540.27	-4443.03	3807.95	5848.97	0.48	447767.79	639241.62	
13171.00	91.47	132.85	7538.00	-4507.33	3877.84	5943.57	0.54	447703.49	639311.51	
13266.00	90.70	132.87	7536.20	-4571.94	3947.46	6038.21	0.81	447638.88	639381.13	
13361.00	90.63	133.83	7535.10	-4637.14	4016.54	6132.93	1.01	447573.68	639450.21	
13456.00	91.26	134.96	7533.53	-4703.60	4084.41	6227.76	1.36	447507.22	639518.08	
13551.00	89.23	133.96	7533.13	-4770.13	4152.21	6322.60	2.38	447440.69	639585.88	
13645.00	88.53	133.85	7534.97	-4835.30	4219.92	6416.38	0.75	447375.52	639653.59	
13740.00	88.81	135.78	7537.17	-4902.24	4287.29	6511.23	2.05	447308.58	639720.96	
13834.00	90.00	136.73	7538.15	-4970.14	4352.28	6605.19	1.62	447240.68	639785.95	
13929.00	89.58	137.75	7538.49	-5039.89	4416.78	6700.19	1.16	447170.93	639850.45	
14024.00	91.05	139.34	7537.97	-5111.09	4479.67	6795.17	2.28	447099.73	639913.34	
14119.00	89.72	135.68	7537.33	-5181.12	4543.82	6890.15	4.10	447029.70	639977.49	
14214.00	89.72	131.75	7537.80	-5246.76	4612.47	6984.90	4.14	446964.06	640046.14	
14309.00	87.41	132.38	7540.18	-5310.38	4682.97	7079.41	2.52	446900.44	640116.64	
14403.00	91.12	136.77	7541.38	-5376.32	4749.90	7173.22	6.11	446834.50	640183.57	
14498.00	89.09	134.08	7541.21	-5443.99	4816.56	7268.13	3.55	446766.83	640250.23	
14593.00	90.42	134.57	7541.62	-5510.36	4884.52	7362.96	1.49	446700.46	640318.19	
14687.00	88.04	133.29	7542.88	-5575.57	4952.21	7456.74	2.87	446635.25	640385.88	
14782.00	88.18	133.38	7546.01	-5640.73	5021.27	7551.42	0.18	446570.09	640454.94	
14877.00	86.22	132.13	7550.65	-5705.14	5090.94	7645.95	2.45	446505.68	640524.61	
14971.00	86.43	132.87	7556.68	-5768.51	5160.10	7739.37	0.82	446442.31	640593.77	
15065.00	86.57	133.14	7562.42	-5832.51	5228.71	7832.88	0.32	446378.31	640662.38	
15160.00	88.18	132.80	7566.77	-5897.19	5298.15	7927.45	1.73	446313.63	640731.82	
15256.00	89.86	134.65	7568.41	-5963.53	5367.51	8023.20	2.60	446247.29	640801.18	
15350.00	89.51	133.69	7568.93	-6029.03	5434.93	8117.02	1.09	446181.79	640868.60	
15445.00	89.65	134.79	7569.62	-6095.30	5502.99	8211.85	1.17	446115.52	640936.66	
15539.00	89.93	137.23	7569.97	-6162.92	5568.27	8305.80	2.61	446047.90	641001.94	
15634.00	89.51	137.55	7570.43	-6232.84	5632.58	8400.80	0.56	445977.98	641066.25	
15728.00	90.21	139.30	7570.66	-6303.16	5694.96	8494.78	2.01	445907.66	641128.63	
15823.00	88.04	137.22	7572.11	-6374.03	5758.19	8589.76	3.16	445836.79	641191.86	
15918.00	87.41	135.50	7575.88	-6442.72	5823.70	8684.65	1.93	445768.10	641257.37	
16014.00	86.92	134.51	7580.63	-6510.53	5891.49	8780.43	1.15	445700.29	641325.16	
16109.00	89.65	135.39	7583.47	-6577.61	5958.68	8875.27	3.02	445633.21	641392.35	
16204.00	90.21	135.86	7583.59	-6645.51	6025.12	8970.21	0.77	445565.31	641458.79	
16299.00	89.79	135.93	7583.59	-6713.73	6091.24	9065.16	0.45	445497.09	641524.91	
16413.00	89.30	135.22	7584.50	-6795.14	6171.03	9179.08	0.76	445415.68	641604.70	Last Wft Svy
16482.00	89.30	135.22	7585.34	-6844.11	6219.63	9248.01	0.00	445366.71	641653.30	Proj. To Bit