



30-015-42639

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, 6 2015

Attention: Brian Braun

Re: BOPCO, LP
Well: Poker Lake Unit CVX JV PB 007H
Eddy County, New Mexico

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 08 2016

RECEIVED

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:

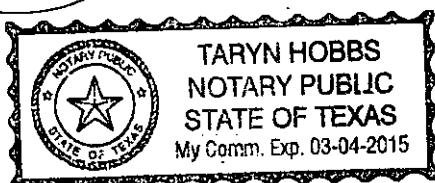
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Chris Hinterlach MWD Supervisor	007H	1207 MD 16939 MD	11/28/2014 12/27/2014	Measurement While Drilling

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 2nd day of January, 2015, 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

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 08 2016

RECEIVED

5D Survey Report

BOPCO, L.P.

Field Name: *Eddy Co, NM Nad27 NMEZ*

Site Name: *Poker Lake Unit CVX JV PB 007H,034H Pad*

Well Name: *PLU CVX JV PB 007H*

Survey: *Wft MWD Svy*

29 December 2014



Weatherford®

PLU CVX JV PB 007H

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 Poker Lake Unit CVX JV PB 007H,034H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.28	
	Position	Northing : 408350.10 US ft	Latitude : 32° 7' 17.67"	
		Easting : 663162.30 US ft	Longitude : -103° 48' 22.68"	
	Elevation above Mean Sea Level: 3377.00 US ft			
Comment :				
Slot Name Poker Lake Unit CVX JV PB 007H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing : 408350.10 US ft	Latitude : 32° 7' 17.67"	
	+E / -W : 0.00 US ft	Easting : 663162.30 US ft	Longitude : -103° 48' 22.68"	
	Slot TVD Reference : Ground Elevation			
	Elevation above Mean Sea Level : 3377.00 US ft			
Comment :				
Well Name PLU CVX JV PB 007H	Type : Main well		UWI :	
	Rig Height Kelly Bushing : 20.00 US ft		Comment :	
	Relative to Mean Sea Level: 3397.00 US ft			
	Closure Distance : 7092.11 US ft		Closure Azimuth : 179.489°	
	Vertical Section (Position of Origin Relative to Slot)			
+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az : 179.66°	

Survey Name: Wft MWD Svy				
Date : 02/Dec/2014	Survey Tool : MWD	Comment :	Company : Wft	
Magnetic Model				
Model Name: BGGM	Date: 05/Dec/2014	Field Strength: 48159.8 nT	Declination: 7.43°	Dip: 59.96°
Tie Point				
MD: 1011	Inclination: 2.45	Azimuth: 5.49	TVD: 1010.78	North Offset: 10.3002 East Offset: -2.7

Casing Points (Relative to Slot centre, TVD relative to Kelly Bushing)								
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
4220.00	0.38	201.42	4219.48	16.39	-1.90	408366.49	663160.40	9 5/8 in

Well path created using minimum curvature

Survey Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
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
1207.00	2.41	10.49	1206.61	18.52	-1.55	-18.53	0.00	408368.62	663160.75	First Wft Svy 007H
1303.00	1.57	9.08	1302.55	21.81	-0.97	-21.81	0.88	408371.91	663161.33	
1398.00	0.41	336.12	1397.53	23.40	-0.91	-23.41	1.31	408373.50	663161.39	
1461.00	0.42	257.59	1460.53	23.56	-1.22	-23.56	0.83	408373.66	663161.08	
1556.00	0.22	249.12	1555.53	23.42	-1.73	-23.43	0.22	408373.52	663160.57	
1652.00	0.14	230.11	1651.53	23.28	-2.00	-23.29	0.10	408373.38	663160.30	
1747.00	0.00	0.00	1746.53	23.20	-2.08	-23.21	0.15	408373.30	663160.22	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
HD (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
1842.00	0.55	80.98	1841.53	23.27	-1.63	-23.28	0.58	408373.37	663160.67	
1937.00	0.29	167.76	1936.53	23.11	-1.13	-23.12	0.64	408373.21	663161.17	
2033.00	0.10	179.47	2032.53	22.79	-1.08	-22.80	0.20	408372.89	663161.22	
2128.00	0.14	231.74	2127.52	22.63	-1.17	-22.64	0.12	408372.73	663161.13	
2317.00	0.16	1.40	2316.52	22.76	-1.35	-22.76	0.14	408372.86	663160.95	
2413.00	0.20	6.80	2412.52	23.06	-1.32	-23.06	0.05	408373.16	663160.98	
2508.00	0.10	35.84	2507.52	23.29	-1.25	-23.30	0.13	408373.39	663161.05	
2603.00	0.00	0.00	2602.52	23.36	-1.21	-23.36	0.11	408373.46	663161.09	
2698.00	0.16	290.99	2697.52	23.40	-1.33	-23.41	0.17	408373.50	663160.97	
2794.00	0.16	227.67	2793.52	23.36	-1.55	-23.37	0.17	408373.46	663160.75	
2889.00	0.16	85.41	2888.52	23.28	-1.52	-23.29	0.32	408373.38	663160.78	
2984.00	0.10	145.41	2983.52	23.22	-1.34	-23.23	0.15	408373.32	663160.96	
3080.00	0.10	184.11	3079.52	23.07	-1.30	-23.08	0.07	408373.17	663161.00	
3175.00	0.07	228.03	3174.52	22.95	-1.35	-22.96	0.07	408373.05	663160.95	
3271.00	0.22	158.31	3270.52	22.74	-1.32	-22.75	0.22	408372.84	663160.98	
3365.00	0.31	152.65	3364.52	22.35	-1.14	-22.35	0.10	408372.45	663161.16	
3460.00	0.36	153.93	3459.52	21.85	-0.89	-21.85	0.05	408371.95	663161.41	
3555.00	0.91	141.09	3554.51	20.99	-0.29	-21.00	0.59	408371.09	663162.01	
3651.00	0.53	153.78	3650.51	20.00	0.39	-20.00	0.43	408370.10	663162.69	
3745.00	0.69	270.70	3744.50	19.62	0.02	-19.62	1.11	408369.72	663162.32	
3841.00	0.72	264.86	3840.50	19.57	-1.16	-19.58	0.08	408369.67	663161.14	
3936.00	0.60	192.12	3935.49	19.03	-1.86	-19.04	0.83	408369.13	663160.44	
4031.00	0.66	169.02	4030.49	18.01	-1.86	-18.02	0.27	408368.11	663160.44	
4156.00	0.44	187.99	4155.48	16.83	-1.79	-16.84	0.23	408366.93	663160.51	
4220.00	0.38	201.42	4219.48	16.39	-1.90	-16.40	0.17	408366.49	663160.40	9 5/8 in
4298.00	0.35	222.26	4297.48	15.97	-2.16	-15.98	0.17	408366.07	663160.14	
4393.00	0.36	213.03	4392.47	15.50	-2.52	-15.52	0.06	408365.60	663159.78	
4489.00	0.25	223.65	4488.47	15.10	-2.83	-15.11	0.13	408365.20	663159.47	
4680.00	0.25	268.87	4679.47	14.79	-3.53	-14.81	0.10	408364.89	663158.77	
4870.00	0.42	274.51	4869.47	14.83	-4.64	-14.86	0.09	408364.93	663157.66	
5060.00	0.44	274.70	5059.46	14.95	-6.06	-14.98	0.01	408365.05	663156.24	
5251.00	0.44	285.11	5250.46	15.20	-7.50	-15.24	0.04	408365.30	663154.80	
5441.00	0.43	295.08	5440.45	15.69	-8.85	-15.74	0.04	408365.79	663153.45	
5632.00	0.60	67.39	5631.45	16.38	-8.58	-16.43	0.49	408366.48	663153.72	
5726.00	0.58	68.16	5725.44	16.75	-7.68	-16.79	0.02	408366.85	663154.62	
5822.00	1.20	140.69	5821.43	16.15	-6.59	-16.19	1.21	408366.25	663155.71	
5917.00	1.34	142.52	5916.41	14.50	-5.29	-14.53	0.15	408364.60	663157.01	
6012.00	0.64	157.34	6011.40	13.13	-4.41	-13.15	0.78	408363.23	663157.89	
6108.00	0.70	171.44	6107.39	12.05	-4.11	-12.08	0.18	408362.15	663158.19	
6203.00	0.88	173.66	6202.38	10.75	-3.94	-10.78	0.19	408360.85	663158.36	
6299.00	0.89	170.99	6298.37	9.28	-3.75	-9.31	0.04	408359.38	663158.55	
6394.00	0.94	216.50	6393.36	7.93	-4.09	-7.95	0.75	408358.03	663158.21	
6489.00	1.13	222.12	6488.34	6.61	-5.19	-6.64	0.23	408356.71	663157.11	
6584.00	1.20	223.59	6583.32	5.19	-6.50	-5.23	0.08	408355.29	663155.80	
6680.00	0.29	215.88	6679.31	4.27	-7.34	-4.31	0.95	408354.37	663154.96	
6775.00	0.38	202.00	6774.31	3.78	-7.59	-3.83	0.13	408353.88	663154.71	
6870.00	0.60	202.28	6869.31	3.03	-7.90	-3.08	0.23	408353.13	663154.40	
6965.00	0.70	212.39	6964.30	2.08	-8.40	-2.13	0.16	408352.18	663153.90	
7061.00	0.66	216.72	7060.30	1.14	-9.05	-1.19	0.07	408351.24	663153.25	
7156.00	0.71	207.89	7155.29	0.18	-9.65	-0.24	0.12	408350.28	663152.65	
7251.00	0.77	206.08	7250.28	-0.91	-10.20	0.85	0.07	408349.19	663152.10	
7346.00	0.16	290.41	7345.28	-1.44	-10.61	1.38	0.81	408348.66	663151.69	
7536.00	0.07	329.70	7535.28	-1.25	-10.92	1.18	0.06	408348.85	663151.38	
7726.00	0.07	207.81	7725.28	-1.25	-11.03	1.18	0.06	408348.85	663151.27	
7917.00	0.25	206.39	7916.28	-1.73	-11.27	1.66	0.09	408348.37	663151.03	
8109.00	0.14	216.88	8108.28	-2.29	-11.60	2.22	0.06	408347.81	663150.70	
8298.00	0.16	352.28	8297.28	-2.21	-11.77	2.14	0.15	408347.89	663150.53	
8489.00	0.30	233.25	8488.27	-2.25	-12.21	2.17	0.21	408347.85	663150.09	
8679.00	0.84	237.43	8678.26	-3.29	-13.78	3.21	0.28	408346.81	663148.52	

SD Survey Report

Survey Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
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
8774.00	1.24	204.26	8773.25	-4.61	-14.79	4.52	0.74	408345.49	663147.51	
8869.00	0.69	238.67	8868.24	-5.84	-15.70	5.75	0.82	408344.26	663146.60	
8965.00	0.77	244.47	8964.23	-6.42	-16.77	6.32	0.11	408343.68	663145.53	
9060.00	0.56	159.30	9059.22	-7.13	-17.19	7.03	0.96	408342.97	663145.11	
9155.00	0.60	172.38	9154.22	-8.06	-16.96	7.95	0.15	408342.04	663145.34	
9250.00	0.95	174.67	9249.21	-9.33	-16.82	9.23	0.37	408340.77	663145.48	
9346.00	0.70	179.82	9345.20	-10.71	-16.74	10.61	0.27	408339.39	663145.56	
9464.00	0.94	189.53	9463.19	-12.39	-16.90	12.29	0.23	408337.71	663145.40	
9496.00	1.28	190.97	9495.18	-13.00	-17.01	12.90	1.07	408337.10	663145.29	
9528.00	2.75	182.36	9527.16	-14.11	-17.11	14.01	4.68	408335.99	663145.19	
9560.00	5.28	174.40	9559.08	-16.35	-17.00	16.25	8.08	408333.75	663145.30	
9591.00	8.11	174.16	9589.87	-19.94	-16.64	19.84	9.13	408330.16	663145.66	
9623.00	11.08	173.75	9621.41	-25.25	-16.07	25.15	9.28	408324.85	663146.23	
9655.00	13.72	173.91	9652.67	-32.08	-15.33	31.99	8.25	408318.02	663146.97	
9687.00	16.67	174.88	9683.54	-40.42	-14.52	40.34	9.25	408309.68	663147.78	
9719.00	19.50	177.20	9713.96	-50.33	-13.85	50.25	9.12	408299.77	663148.45	
9750.00	21.91	178.65	9742.96	-61.28	-13.46	61.20	7.95	408288.82	663148.84	
9782.00	24.43	179.46	9772.37	-73.87	-13.26	73.79	7.94	408276.23	663149.04	
9814.00	27.12	180.18	9801.19	-87.78	-13.22	87.70	8.46	408262.32	663149.08	
9845.00	29.84	181.03	9828.43	-102.56	-13.38	102.48	8.87	408247.54	663148.92	
9877.00	32.92	180.11	9855.75	-119.22	-13.54	119.14	9.74	408230.88	663148.76	
9909.00	35.63	179.43	9882.19	-137.24	-13.46	137.16	8.55	408212.86	663148.84	
9941.00	38.53	178.58	9907.72	-156.53	-13.12	156.45	9.20	408193.57	663149.18	
9973.00	41.58	178.35	9932.21	-177.11	-12.57	177.04	9.54	408172.99	663149.73	
10004.00	44.70	178.45	9954.82	-198.30	-11.98	198.23	10.07	408151.80	663150.32	
10036.00	47.75	178.70	9976.96	-221.40	-11.41	221.33	9.55	408128.70	663150.89	
10068.00	51.50	179.11	9997.69	-245.77	-10.94	245.70	11.76	408104.33	663151.36	
10100.00	55.29	179.78	10016.76	-271.45	-10.70	271.38	11.96	408078.65	663151.60	
10132.00	58.89	180.06	10034.15	-298.31	-10.66	298.24	11.27	408051.79	663151.64	
10164.00	63.40	180.08	10049.59	-326.33	-10.70	326.26	14.09	408023.77	663151.60	
10195.00	67.33	179.84	10062.51	-354.50	-10.68	354.43	12.70	407995.60	663151.62	
10227.00	69.57	180.17	10074.26	-384.26	-10.68	384.19	7.07	407965.84	663151.62	
10259.00	70.53	180.47	10085.18	-414.34	-10.85	414.27	3.13	407935.76	663151.45	
10291.00	71.20	180.55	10095.67	-444.57	-11.12	444.50	2.11	407905.53	663151.18	
10322.00	71.79	180.42	10105.51	-473.97	-11.37	473.89	1.94	407876.13	663150.93	
10354.00	72.31	180.50	10115.37	-504.41	-11.61	504.33	1.64	407845.69	663150.69	
10386.00	72.81	180.62	10124.96	-534.94	-11.91	534.86	1.60	407815.16	663150.39	
10418.00	73.12	180.54	10134.33	-565.53	-12.22	565.45	1.00	407784.57	663150.08	
10449.00	74.35	180.73	10143.01	-595.29	-12.55	595.20	4.01	407754.81	663149.75	
10481.00	75.52	180.42	10151.33	-626.19	-12.86	626.10	3.77	407723.91	663149.44	
10513.00	76.31	180.34	10159.12	-657.22	-13.06	657.13	2.48	407692.88	663149.24	
10545.00	77.39	180.66	10166.40	-688.38	-13.34	688.29	3.51	407661.72	663148.96	
10576.00	79.30	180.94	10172.66	-718.74	-13.76	718.64	6.22	407631.36	663148.54	
10608.00	80.38	181.57	10178.31	-750.23	-14.45	750.13	3.89	407599.87	663147.85	
10640.00	81.43	181.86	10183.36	-781.81	-15.40	781.71	3.40	407568.29	663146.90	
10672.00	83.42	181.85	10187.58	-813.51	-16.42	813.40	6.22	407536.59	663145.88	
10704.00	85.31	181.30	10190.72	-845.35	-17.30	845.23	6.15	407504.75	663145.00	
10735.00	87.06	181.23	10192.79	-876.27	-17.98	876.15	5.65	407473.83	663144.32	
10767.00	88.53	180.72	10194.02	-908.24	-18.52	908.11	4.86	407441.86	663143.78	
10799.00	89.86	180.20	10194.47	-940.23	-18.78	940.11	4.46	407409.87	663143.52	
10831.00	90.49	179.92	10194.37	-972.23	-18.82	972.11	2.15	407377.87	663143.48	
10867.00	91.05	179.17	10193.89	-1008.23	-18.53	1008.10	2.60	407341.87	663143.77	
10925.00	91.85	179.76	10192.42	-1066.21	-17.99	1066.08	1.71	407283.89	663144.31	
11020.00	89.75	180.80	10191.09	-1161.19	-18.45	1161.06	2.47	407188.91	663143.85	
11115.00	89.88	178.79	10191.40	-1256.18	-18.11	1256.06	2.12	407093.92	663144.19	
11211.00	89.82	179.54	10191.65	-1352.17	-16.71	1352.05	0.78	406997.93	663145.59	
11306.00	90.93	180.02	10191.03	-1447.17	-16.35	1447.05	1.27	406902.93	663145.95	
11402.00	90.62	182.57	10189.73	-1543.13	-18.52	1542.99	2.68	406806.97	663143.78	
11497.00	91.11	184.58	10188.30	-1637.93	-24.44	1637.75	2.18	406712.17	663137.86	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
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
11592.00	90.62	189.16	10186.86	-1732.21	-35.80	1731.97	4.85	406617.89	663126.50	
11688.00	91.48	188.20	10185.10	-1827.09	-50.29	1826.76	1.34	406523.01	663112.01	
11783.00	90.31	184.53	10183.62	-1921.48	-60.81	1921.08	4.05	406428.62	663101.49	
11879.00	90.18	181.86	10183.21	-2017.32	-66.16	2016.89	2.78	406332.78	663096.14	
11975.00	89.94	182.67	10183.11	-2113.24	-69.96	2112.79	0.88	406236.86	663092.34	
12070.00	90.68	182.63	10182.59	-2208.14	-74.35	2207.66	0.78	406141.96	663087.95	
12166.00	91.11	179.58	10181.09	-2304.10	-76.20	2303.60	3.21	406046.00	663086.10	
12262.00	89.88	176.62	10180.26	-2400.03	-73.02	2399.55	3.34	405950.07	663089.28	
12358.00	90.06	177.30	10180.31	-2495.89	-67.93	2495.45	0.73	405854.21	663094.37	
12454.00	89.75	175.72	10180.47	-2591.71	-62.08	2591.30	1.68	405758.39	663100.22	
12550.00	90.12	178.07	10180.58	-2687.56	-56.88	2687.18	2.48	405662.54	663105.42	
12645.00	90.31	177.04	10180.22	-2782.47	-52.83	2782.11	1.10	405567.63	663109.47	
12741.00	90.49	176.06	10179.55	-2878.30	-47.05	2877.97	1.04	405471.80	663115.25	
12837.00	90.37	175.59	10178.83	-2974.04	-40.07	2973.75	0.51	405376.06	663122.23	
12931.00	90.43	174.78	10178.18	-3067.70	-32.18	3067.46	0.86	405282.40	663130.12	
13026.00	90.99	174.57	10177.00	-3162.29	-23.36	3162.09	0.63	405187.81	663138.94	
13122.00	90.49	174.05	10175.76	-3257.81	-13.84	3257.67	0.75	405092.29	663148.46	
13217.00	90.12	173.05	10175.25	-3352.20	-3.17	3352.12	1.12	404997.90	663159.13	
13314.00	90.12	171.71	10175.05	-3448.34	9.69	3448.34	1.38	404901.76	663171.99	
13410.00	90.99	174.41	10174.12	-3543.62	21.29	3543.69	2.95	404806.48	663183.59	
13506.00	90.80	176.84	10172.62	-3639.33	28.61	3639.43	2.54	404710.77	663190.91	
13602.00	90.62	177.85	10171.43	-3735.21	33.06	3735.34	1.07	404614.89	663195.36	
13698.00	89.07	178.36	10171.69	-3831.16	36.23	3831.31	1.70	404518.94	663198.53	
13793.00	90.25	181.59	10172.26	-3926.14	36.27	3926.29	3.62	404423.96	663198.57	
13889.00	90.80	184.85	10171.38	-4021.97	30.88	4022.09	3.44	404328.13	663193.18	
13985.00	91.23	187.35	10169.68	-4117.41	20.68	4117.46	2.64	404232.69	663182.98	
14081.00	91.05	184.49	10167.76	-4212.87	10.79	4212.86	2.98	404137.23	663173.09	
14177.00	91.23	180.71	10165.85	-4308.73	6.43	4308.69	3.94	404041.37	663168.73	
14274.00	90.43	183.18	10164.45	-4405.66	3.14	4405.60	2.68	403944.44	663165.44	
14368.00	91.85	183.94	10162.58	-4499.45	-2.70	4499.36	1.71	403850.65	663159.60	
14463.00	91.79	179.95	10159.56	-4594.33	-5.92	4594.22	4.20	403755.77	663156.38	
14560.00	90.92	178.66	10157.27	-4691.29	-4.74	4691.18	1.60	403658.81	663157.56	
14656.00	90.74	178.88	10155.88	-4787.26	-2.68	4787.16	0.30	403562.84	663159.62	
14752.00	91.05	178.15	10154.38	-4883.22	-0.19	4883.13	0.83	403466.88	663162.11	
14847.00	91.17	176.87	10152.54	-4978.11	3.93	4978.04	1.35	403371.99	663166.23	
14943.00	90.93	177.07	10150.78	-5073.96	9.01	5073.92	0.33	403276.14	663171.31	
15039.00	91.17	176.96	10149.02	-5169.81	14.01	5169.80	0.27	403180.29	663176.31	
15135.00	90.92	177.12	10147.27	-5265.67	18.96	5265.69	0.31	403084.43	663181.26	
15231.00	90.99	178.80	10145.67	-5361.59	22.38	5361.63	1.75	402988.51	663184.68	
15326.00	91.48	182.82	10143.62	-5456.54	21.04	5456.57	4.26	402893.56	663183.34	
15422.00	91.23	181.33	10141.35	-5552.45	17.56	5552.45	1.57	402797.65	663179.86	
15518.00	90.68	178.72	10139.75	-5648.42	17.52	5648.43	2.78	402701.68	663179.82	
15613.00	90.25	177.84	10138.98	-5743.38	20.37	5743.40	1.03	402606.72	663182.67	
15708.00	90.31	177.64	10138.51	-5838.30	24.12	5838.34	0.22	402511.80	663186.42	
15804.00	90.31	177.68	10137.99	-5934.22	28.04	5934.28	0.04	402415.88	663190.34	
15900.00	90.12	177.88	10137.63	-6030.15	31.76	6030.23	0.29	402319.95	663194.06	
15996.00	90.37	176.51	10137.22	-6126.03	36.45	6126.14	1.45	402224.07	663198.75	
16092.00	90.43	175.43	10136.55	-6221.79	43.20	6221.93	1.13	402128.31	663205.50	
16187.00	90.19	174.94	10136.04	-6316.45	51.17	6316.64	0.57	402033.65	663213.47	
16282.00	88.21	175.67	10137.36	-6411.12	58.95	6411.35	2.22	401938.98	663221.25	
16377.00	90.92	179.29	10138.09	-6506.00	63.12	6506.26	4.76	401844.10	663225.42	
16472.00	91.42	179.60	10136.15	-6600.97	64.04	6601.24	0.62	401749.13	663226.34	
16567.00	91.41	179.75	10133.80	-6695.94	64.58	6696.21	0.16	401654.16	663226.88	
16662.00	90.43	179.28	10132.27	-6790.93	65.39	6791.19	1.14	401559.17	663227.69	
16757.00	92.28	180.48	10130.03	-6885.89	65.59	6886.16	2.32	401464.21	663227.89	
16852.00	90.86	180.31	10127.43	-6980.85	64.93	6981.12	1.51	401369.25	663227.23	
16939.00	90.62	181.21	10126.30	-7067.84	63.78	7068.09	1.07	401282.26	663226.08	Last Wft Svy 007H
16963.00	90.62	181.21	10126.04	-7091.83	63.27	7092.08	0.00	401258.27	663225.57	Proj. To Bit

5D Survey Report

Formation Points (Relative to Slot centre, TVD relative to Kelly Bushing)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (US ft)	Easting (US ft)	Name	Comment
9813.79	27.10	180.18	9801.00	-87.69	-13.22	408262.41	663149.08	BS 2 Sand	

Eddy Co, NM



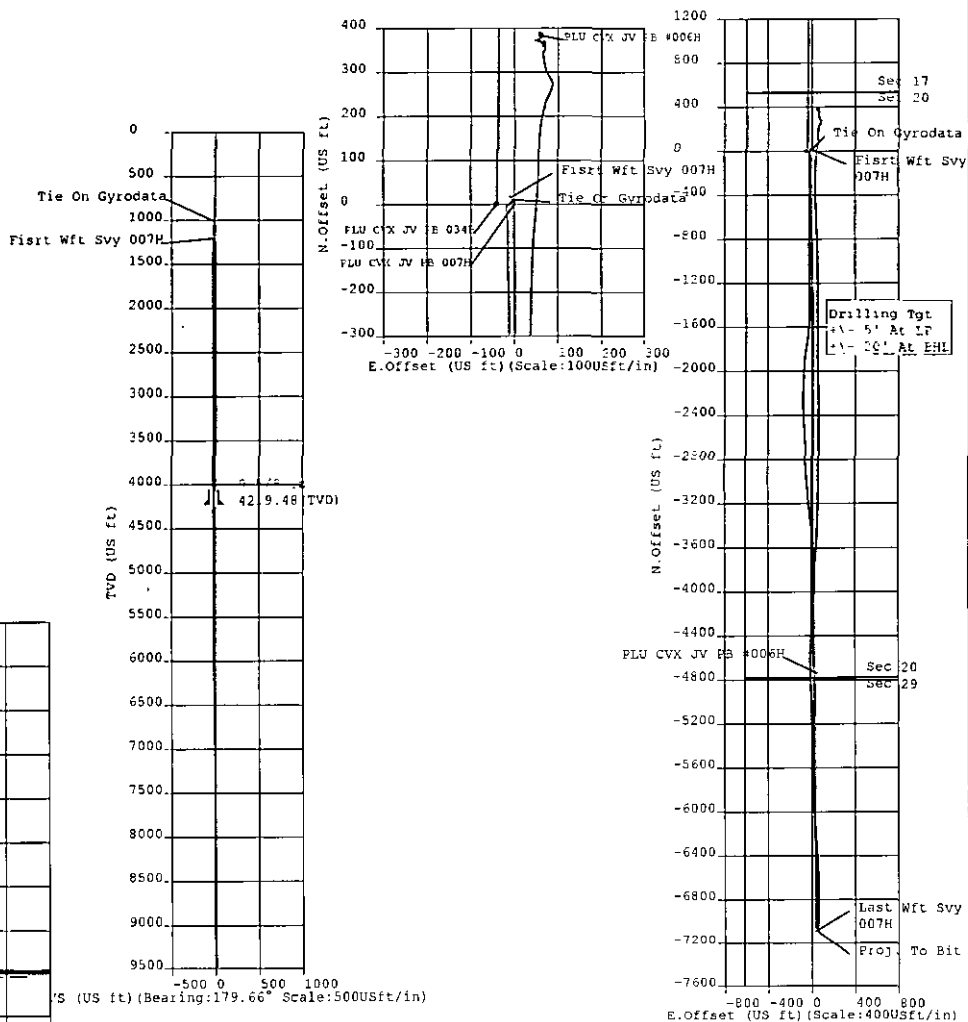
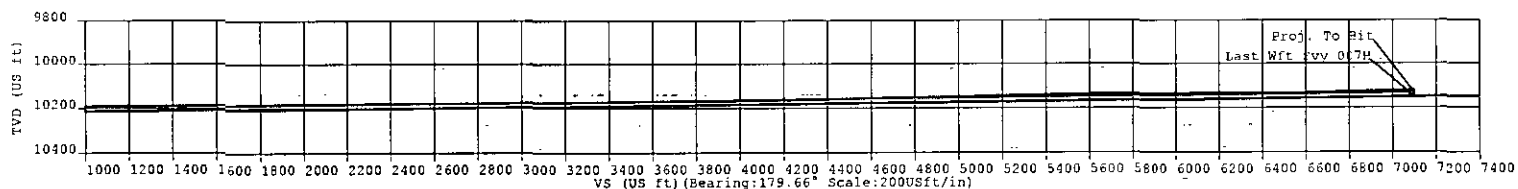
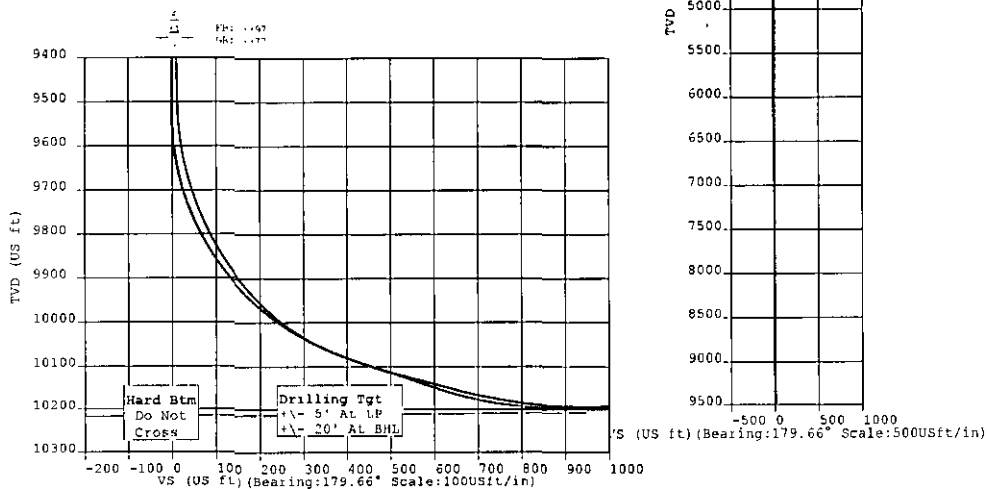
PLU	CVX	JV	PB	007H	_____
PLU	CVX	JV	PB	007H	_____
PLU	CVX	JV	PB	034H	_____
PLU	CVX	JV	PB	#006H	_____

[illegible][illegible]

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Plan Data for SLID CXX JV PS 007H
Slot: POROS LARA Unit CXX JV PS 007H
Position:
Offset: 18 Decm Slat Center
Wavelength: 40535.00USFz Latitude: 33°17'19.74"
Easting: 60236.330USFz Longitude: -103°48'22.37"
Elevation: 4606.90USFz 33°17'00USFz

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[illegible]

Sign Off: Russell Joyner