

RECEIVED

MAR 31 2015



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 WTD PRODUCTION

BOPCO, LP
PO Box 2760
Midland, TX 79702

NM OIL CONSERVATION

ARTESIA DISTRICT

Date: March 4, 2015

OCT 13 2015

30-015-42668

Attention: Brian Braun

RECEIVED

Re: BOPCO, LP
Well: Poker Lake Unit CVX JB PC 20H
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:

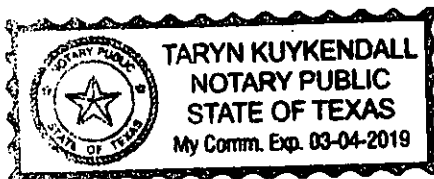
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Benjamin Hernandez	20H	3992 MD	1/24/2015	Measurement
MWD Supervisor		15984 MD	2/18/2015	While Drilling

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 13th day of March, 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

5D Survey Report**BOPCO, L.P.**

Field Name: *Eddy Co, NM Nad27 NMEZ*
Site Name: *Poker Lake Unit CVX JV PC 19H,20H Pad*
Well Name: *Poker Lake Unit CVX JV PC 20H*
Survey: *Wft MWD Svy*

17 February 2015

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 13 2015

RECEIVED

**Weatherford[®]**

Poker Lake Unit CVX JV PC 20H

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 CVX JV PC 19H, 20H Pad	Units : US ft Position North Reference : Grid Northings : 440469.90 US ft Easting : 638692.30 US ft Elevation above Mean Sea Level: 3349.00 US ft Comment :	Convergence Angle : 0.24 Latitude : 32° 12' 36.62" Longitude : -103° 53' 5.67"
Slot Name Poker Lake Unit CVX JV PC 20H	Position (Offsets relative to Site Centre) +N / -S : 0.00 US ft Northings : 440469.90 US ft Latitude : 32°12'36.62" +E / -W : 0.00 US ft Easting : 638692.30 US ft Longitude : -103°53'5.67" Slot TVD Reference : Ground Elevation Elevation above Mean Sea Level : 3349.00 US ft Comment :	
Well Name Poker Lake Unit CVX JV PC 20H	Type : Main well Rig Height Kelly Bushing : 29.00 US ft Relative to Mean Sea Level: 3378.00 US ft Closure Distance : 5283.55 US ft Vertical Section (Position of Origin Relative to Slot) +N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 263.02°	
	UWI : Comment : Closure Azimuth : 262.751°	

Survey Name: Wft MWD Svy

Date : 26/Jan/2015	Survey Tool : MWD	Comment :	Company : Wft
---------------------------	--------------------------	------------------	----------------------

[Magnetic Model]				
Model Name: BGGM	Date: 15/Feb/2015	Field Strength: 48179.4 nT	Declination: 7.46°	Dip: 60.02°

Tie Point
MD: 3787 **Inclination:** 0.13 **Azimuth:** 249.37 **TVD:** 3786.96 **North Offset:** -3.0668 **East Offset:** 6.25747

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)	Northings (US ft)	Easting (US ft)	Name
10364.00	8.49	208.16	10362.19	-41.82	-60.63	440428.08	638631.67	7 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)	Northings (US ft)	Easting (US ft)	Comment
3992.00	0.35	316.74	3991.96	-2.69	5.61	-5.24	0.00	440467.21	638697.91	First Wft Svy
4086.00	0.49	327.54	4085.96	-2.14	5.20	-4.90	0.17	440467.76	638697.50	
4275.00	0.50	329.79	4274.95	-0.75	4.35	-4.23	0.01	440469.15	638696.65	
4465.00	0.44	327.69	4464.95	0.58	3.54	-3.59	0.03	440470.48	638695.84	
4654.00	0.60	208.03	4653.94	0.32	2.69	-2.71	0.48	440470.22	638694.99	
4841.00	0.87	232.45	4840.93	-1.41	1.10	-0.92	0.22	440468.49	638693.40	
5030.00	0.84	229.30	5029.91	-3.18	-1.08	1.46	0.03	440466.72	638691.22	
5218.00	0.84	221.26	5217.89	-5.12	-3.04	3.64	0.06	440464.78	638689.26	

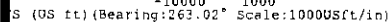
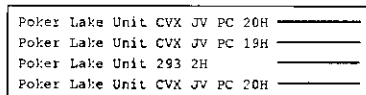
5D Survey Report

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
5406.00	0.44	20.37	5405.88	-5.48	-3.70	4.33	0.67	440464.42	638688.60	
5593.00	0.49	354.17	5592.87	-4.01	-3.53	3.99	0.12	440465.89	638688.77	
5780.00	0.63	9.90	5779.87	-2.20	-3.43	3.67	0.11	440467.70	638688.87	
5966.00	0.47	35.14	5965.86	-0.57	-2.82	2.86	0.15	440469.33	638689.48	
6155.00	0.51	316.42	6154.85	0.67	-2.95	2.85	0.33	440470.57	638689.35	
6344.00	0.30	309.02	6343.85	1.59	-3.91	3.69	0.11	440471.49	638688.39	
6533.00	0.41	326.10	6532.84	2.47	-4.68	4.34	0.08	440472.37	638687.62	
6719.00	0.22	259.24	6718.84	2.95	-5.40	5.00	0.21	440472.85	638686.90	
6908.00	0.47	297.95	6907.84	3.25	-6.44	6.00	0.17	440473.15	638685.86	
7096.00	0.45	292.06	7095.83	3.89	-7.80	7.27	0.03	440473.79	638684.50	
7285.00	0.49	237.06	7284.83	3.73	-9.17	8.65	0.23	440473.63	638683.13	
7473.00	0.70	231.17	7472.82	2.57	-10.74	10.35	0.12	440472.47	638681.56	
7663.00	0.95	240.34	7662.80	1.06	-13.01	12.79	0.15	440470.96	638679.29	
7852.00	0.95	247.48	7851.77	-0.31	-15.82	15.74	0.06	440469.59	638676.48	
8040.00	1.24	264.83	8039.74	-1.09	-19.29	19.28	0.23	440468.81	638673.01	
8228.00	0.70	236.72	8227.71	-1.91	-22.27	22.34	0.37	440467.99	638670.03	
8417.00	1.01	263.93	8416.69	-2.72	-24.89	25.04	0.27	440467.18	638667.41	
8606.00	0.51	282.76	8605.67	-2.71	-27.37	27.50	0.29	440467.19	638664.93	
8793.00	0.82	234.42	8792.66	-3.30	-29.27	29.46	0.33	440466.60	638663.03	
8980.00	0.88	233.10	8979.64	-4.94	-31.51	31.88	0.03	440464.96	638660.79	
9171.00	1.07	198.83	9170.61	-7.51	-33.26	33.92	0.32	440462.39	638659.04	
9356.00	0.41	228.26	9355.60	-9.59	-34.31	35.22	0.40	440460.31	638657.99	
9544.00	0.60	217.51	9543.59	-10.82	-35.41	36.46	0.11	440459.08	638656.89	
9732.00	1.11	186.43	9731.57	-13.41	-36.21	37.57	0.36	440456.49	638656.09	
9827.00	1.98	212.55	9826.54	-15.70	-37.20	38.83	1.16	440454.20	638655.10	
9921.00	2.06	217.08	9920.48	-18.42	-39.09	41.04	0.19	440451.48	638653.21	
10016.00	3.37	225.60	10015.37	-21.74	-42.12	44.44	1.44	440448.16	638650.18	
10111.00	3.73	230.08	10110.19	-25.67	-46.48	49.26	0.48	440444.23	638645.82	
10207.00	4.03	229.34	10205.97	-29.88	-51.43	54.68	0.32	440440.02	638640.87	
10302.00	5.33	218.13	10300.65	-35.52	-56.69	60.59	1.67	440434.38	638635.61	
10364.00	8.49	208.16	10362.19	-41.82	-60.63	65.26	5.43	440428.08	638631.67	7 in
10401.00	10.43	205.12	10398.69	-47.26	-63.34	68.61	5.43	440422.64	638628.96	
10433.00	15.24	203.39	10429.88	-53.75	-66.24	72.28	15.08	440416.15	638626.06	
10465.00	20.13	202.67	10460.36	-62.69	-70.03	77.13	15.30	440407.21	638622.27	
10496.00	24.57	203.51	10489.02	-73.53	-74.66	83.05	14.36	440396.37	638617.64	
10528.00	29.19	205.44	10517.56	-86.69	-80.67	90.61	14.69	440383.21	638611.63	
10560.00	32.47	208.49	10545.04	-101.29	-88.13	99.78	11.35	440368.61	638604.17	
10591.00	35.52	209.31	10570.73	-116.46	-96.50	109.94	9.95	440353.44	638595.80	
10623.00	37.77	209.20	10596.41	-133.12	-105.84	121.23	7.03	440336.78	638586.46	
10654.00	40.24	208.03	10620.50	-150.25	-115.18	132.58	8.31	440319.65	638577.12	
10686.00	43.73	206.35	10644.28	-169.29	-124.95	144.59	11.46	440300.61	638567.35	
10718.00	48.07	204.10	10666.54	-190.08	-134.72	156.82	14.47	440279.82	638557.58	
10749.00	53.40	202.53	10686.16	-212.11	-144.20	168.91	17.63	440257.79	638548.10	
10781.00	57.57	202.17	10704.29	-236.50	-154.23	181.82	13.06	440233.40	638538.07	
10812.00	60.68	203.11	10720.19	-261.05	-164.47	194.98	10.36	440208.85	638527.83	
10844.00	62.73	204.21	10735.36	-286.85	-175.78	209.34	7.09	440183.05	638516.52	
10876.00	65.53	205.53	10749.32	-312.97	-187.89	224.53	9.50	440156.93	638504.41	
10907.00	66.56	209.70	10761.91	-338.06	-201.02	240.62	12.73	440131.84	638491.28	
10939.00	67.97	212.90	10774.28	-363.27	-216.36	258.90	10.22	440106.63	638475.94	
10971.00	69.18	216.66	10785.98	-387.73	-233.35	278.74	11.57	440082.17	638458.95	
11002.00	70.45	219.73	10796.67	-410.59	-251.34	299.37	10.16	440059.31	638440.96	
11034.00	71.79	224.50	10807.03	-433.04	-271.64	322.25	14.71	440036.86	638420.66	
11065.00	73.69	228.57	10816.24	-453.40	-293.12	346.05	13.95	440016.50	638399.18	
11097.00	77.08	232.49	10824.31	-473.07	-317.02	372.16	15.90	439996.83	638375.28	
11129.00	79.01	236.31	10830.94	-491.28	-342.47	399.64	13.14	439978.62	638349.83	
11161.00	80.30	240.58	10836.69	-507.75	-369.29	428.26	13.73	439962.15	638323.01	
11193.00	79.94	242.86	10842.18	-522.69	-397.05	457.63	7.11	439947.21	638295.25	
11224.00	80.51	247.10	10847.45	-535.60	-424.73	486.67	13.60	439934.30	638267.57	
11256.00	81.71	251.37	10852.40	-546.81	-454.29	517.37	13.71	439923.09	638238.01	

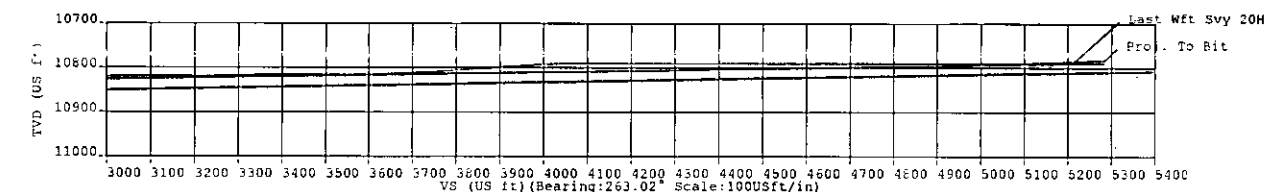
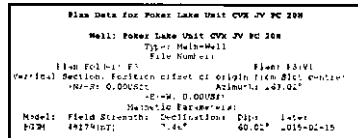
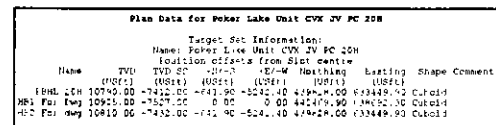
5D Survey Report

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
11288.00	83.06	255.75	10856.64	-555.78	-484.70	548.65	14.21	439914.12	638207.60	
11319.00	85.31	259.81	10859.78	-562.30	-514.83	579.35	14.91	439907.60	638177.47	
11374.00	89.79	265.40	10862.13	-569.37	-569.29	634.26	13.02	439900.53	638123.01	
11405.00	90.21	265.45	10862.13	-571.84	-600.19	665.23	1.36	439898.06	638092.11	
11469.00	90.91	266.13	10861.51	-576.54	-664.01	729.16	1.52	439893.36	638028.29	
11564.00	90.28	266.61	10860.52	-582.55	-758.82	823.99	0.83	439887.35	637933.48	
11659.00	90.21	267.14	10860.11	-587.73	-853.68	918.77	0.56	439882.17	637838.62	
11754.00	90.21	267.97	10859.77	-591.78	-948.59	1013.47	0.87	439878.12	637743.71	
11849.00	90.07	268.07	10859.53	-595.07	-1043.53	1108.11	0.18	439874.83	637648.77	
11944.00	89.93	267.98	10859.53	-598.34	-1138.47	1202.75	0.18	439871.56	637553.83	
12040.00	89.72	269.14	10859.83	-600.75	-1234.44	1298.30	1.23	439869.15	637457.86	
12135.00	90.98	267.50	10859.25	-603.54	-1329.39	1392.89	2.18	439866.36	637362.91	
12230.00	91.19	266.68	10857.45	-608.36	-1424.25	1487.63	0.89	439861.54	637268.05	
12325.00	92.80	268.69	10854.14	-612.20	-1519.11	1582.25	2.71	439857.70	637173.19	
12420.00	92.51	270.69	10849.74	-612.71	-1614.00	1676.50	2.13	439857.19	637078.30	
12515.00	92.59	270.65	10845.51	-611.60	-1708.90	1770.56	0.09	439858.30	636983.40	
12610.00	92.38	270.29	10841.39	-610.82	-1803.81	1864.67	0.44	439859.08	636888.49	
12705.00	91.89	269.10	10837.85	-611.33	-1898.74	1958.96	1.35	439858.57	636793.56	
12801.00	91.26	268.82	10835.22	-613.07	-1994.69	2054.41	0.72	439856.83	636697.61	
12896.00	90.91	268.21	10833.42	-615.53	-2089.64	2148.95	0.74	439854.37	636602.66	
12991.00	90.91	268.88	10831.91	-617.94	-2184.59	2243.50	0.71	439851.96	636507.71	
13086.00	90.28	268.93	10830.92	-619.76	-2279.57	2337.99	0.67	439850.14	636412.73	
13180.00	90.42	269.87	10830.35	-620.74	-2373.56	2431.41	1.01	439849.16	636318.74	
13276.00	89.02	270.26	10830.82	-620.63	-2469.56	2526.68	1.51	439849.27	636222.74	
13371.00	90.77	271.48	10830.99	-619.19	-2564.54	2620.78	2.25	439850.71	636127.76	
13466.00	92.24	271.39	10828.50	-616.81	-2659.48	2714.72	1.55	439853.09	636032.82	
13561.00	92.45	271.43	10824.61	-614.48	-2754.37	2808.63	0.23	439855.42	635937.93	
13655.00	91.19	271.22	10821.62	-612.30	-2848.30	2901.59	1.36	439857.60	635844.00	
13750.00	90.98	271.01	10819.82	-610.45	-2943.26	2995.63	0.31	439859.45	635749.04	
13845.00	90.35	270.59	10818.72	-609.13	-3038.24	3089.75	0.80	439860.77	635654.06	
13940.00	88.95	270.97	10819.30	-607.84	-3133.23	3183.87	1.53	439862.06	635559.07	
14035.00	91.68	273.41	10818.78	-604.21	-3228.14	3277.64	3.85	439865.69	635464.16	
14130.00	91.40	272.25	10816.23	-599.52	-3322.99	3371.22	1.26	439870.38	635369.31	
14224.00	89.02	266.73	10815.88	-600.35	-3416.94	3464.58	6.39	439869.55	635275.36	
14319.00	90.21	268.49	10816.52	-604.32	-3511.85	3559.26	2.24	439865.58	635180.45	
14414.00	92.31	272.51	10814.43	-603.49	-3606.80	3653.41	4.77	439866.41	635085.50	
14509.00	93.64	270.84	10809.50	-600.71	-3701.63	3747.19	2.25	439869.19	634990.67	
14603.00	93.77	268.87	10803.42	-600.95	-3795.43	3840.33	2.10	439868.95	634896.87	
14698.00	93.92	268.79	10797.05	-602.89	-3890.19	3934.63	0.18	439867.01	634802.11	
14793.00	92.10	268.29	10792.07	-605.30	-3985.03	4029.05	1.99	439864.60	634707.27	
14889.00	89.58	267.73	10790.66	-608.64	-4080.95	4124.67	2.69	439861.26	634611.35	
14984.00	89.72	267.98	10791.24	-612.19	-4175.88	4219.33	0.30	439857.71	634516.42	
15079.00	89.86	267.86	10791.59	-615.64	-4270.82	4313.98	0.19	439854.26	634421.48	
15174.00	90.21	267.33	10791.53	-619.63	-4365.74	4408.68	0.67	439850.27	634326.56	
15269.00	90.21	267.49	10791.18	-623.92	-4460.64	4503.40	0.17	439845.98	634231.66	
15363.00	90.14	267.36	10790.89	-628.14	-4554.54	4597.12	0.16	439841.76	634137.76	
15458.00	90.14	267.44	10790.66	-632.45	-4649.44	4691.84	0.08	439837.45	634042.86	
15552.00	89.86	267.14	10790.66	-636.90	-4743.34	4785.58	0.44	439833.00	633948.96	
15647.00	90.00	266.89	10790.78	-641.84	-4838.21	4880.35	0.30	439828.06	633854.09	
15742.00	90.00	266.56	10790.78	-647.27	-4933.05	4975.15	0.35	439822.63	633759.25	
15837.00	90.63	266.13	10790.26	-653.33	-5027.86	5069.99	0.80	439816.57	633664.44	
15932.00	92.17	266.69	10787.93	-659.27	-5122.64	5164.79	1.72	439810.63	633569.66	
15984.00	92.17	266.47	10785.97	-662.37	-5174.51	5216.65	0.42	439807.53	633517.79	Last Wft Svy 20H
16051.00	92.17	266.19	10783.43	-666.66	-5241.33	5283.49	0.42	439803.24	633450.97	Proj. To Bit
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	
10551.70	31.61	207.75	10538.00	-97.40	-86.05	440372.50	638606.25	BS 3 Sand		

Poker Lake Unit CVX JV PC 20H
Eddy Co, NM



```
Plan Data for Poker Lake Unit CVX JV PC 20H  
Slot: Poker Lake Unit CVX JV PC 20H  
Position:  
Offset: Is from Site centre  
Northing: 446469.000000      Latitude: 35°1'28.6"  
Easting: 637623.000000      Longitude: -103°59'57."  
Elevation Above WGS: 3349.000000
```



Sign Off: Russell Joyner