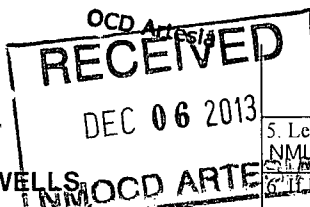


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMLC068905
6. Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
BOPCO, L.P.

3a. Address
PO Box 2760
Midland, TX 79702

3b. Phone No. (include area code)
432-683-2277

7. If Unit of CA/Agreement, Name and/or No.
Poker Lake Unit NMNM 71016X

8. Well Name and No.
Poker Lake Unit #321H

9. API Well No.
30-015-40771

10. Field and Pool or Exploratory Area
Poker Lake (Delaware) SW

4. Location of Well (Footage, Sec., T, R, M., or Survey Description)
NWSW, UL L, 1870' FSL & 540' FWL of Section 4, T24S-R30E, Lat:N32.244522, Long:W103.892636
SWSW, UL M, 650' FSL & 1250' FWL of Section 10, T24S-R30E

11. County or Parish, State
Eddy County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

BOPCO, L.P. respectfully request to update the well plan for the PLU #321H as well as change the casing set depth on our 7" production string. The new 7" casing point will be at approximately 7,823' MD/ 7,530' TVD, the safety factors for 7" 26 lb/ft N-80 will be changed to; Tension S.F 3.07, Collapse S.F 1.28, and Burst S.F. 1.72. Please see attached file for Weatherford updated well plan.

BOPCO L.P. respectfully requests to change the cement on the 7" production casing as follows:

Stage 1: Lead – Tuned Light + 0.125 lbm/sk Poly-E-Flake – 180 sks -11 lbm/gal – 2.64 ft3/sk yield – 14.84 gal/sk water ratio.
Tail – Versacem + 0.5% Halad(R) 344 + 0.4% CFR-3 + 1 lbm/sk salt – 150 sks – 13 lbm/gal – 1.67 ft3/sk yield – 8.88 gal/sk water.
Stage 2: Lead – Tuned Light + 0.125 lbm/sk Poly-E-Flake –400 sacks – 11 lbm/gal – 2.23 ft3/sk yield -10.28 gal/sk water.
Tail – Halcem C – 100 sks – 14.80 lbm/gal – 1.33 ft3/sk yield – 6.34 gal/sk water.

BOPCO, L.P. respectfully requests to change plans for BOP testing due to the utilization of the Cameron MBS wellhead. BOPCO L.P. respectfully requests to nipple up and test BOPE on surface casing to 3,000 psi high and 250 psi low which will cover testing requirements for the duration of the well. Please find attached the schematic of the wellhead. The field report from the Cameron representative and the BOP test information will be provided in a subsequent report at the end of the well.

Accepted for record
NMOC D 109
12/9/2013

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Courtney Lockhart

Title Regulatory Analyst

Signature

Date 12/02/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Weatherford[®]

Drilling Services

Proposal

BOPCO, L.P.

POKER LAKE UNIT 321H

EDDY CO, NM

WELL FILE: **PLAN 3**

NOVEMBER 13, 2013

Weatherford International, Ltd.

P.O. Box 61028
Midland, TX 79711 USA
+1.432.561.8892 Main
+1.432.561.8895 Fax
www.weatherford.com

BOPCO, L.P.

Poker Lake Unit 321H
Eddy Co, NM

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	136.68	0.00	0.00	0.00	0.00	0.00	0.00	
2	6923.66	0.00	136.68	6923.66	0.00	0.00	0.00	0.00	0.00	
3	7623.66	70.00	136.68	7462.06	-274.29	258.63	10.00	136.68	376.99	
4	7823.66	70.00	136.68	7530.46	-411.04	387.56	0.00	0.00	564.93	
5	8019.14	89.55	136.68	7565.00	-550.33	518.89	10.00	0.00	756.38	
6	16144.44	89.55	136.68	7629.00	-6461.97	6092.84	0.00	0.00	8881.43	PBHL

SITE DETAILS

Poker Lake Unit 321H
Site Centre Northing: 452955.12
Easting: 636250.18
Ground Level: 3350.00
Positional Uncertainty: 0.00
Convergence: 0.24

WELL DETAILS

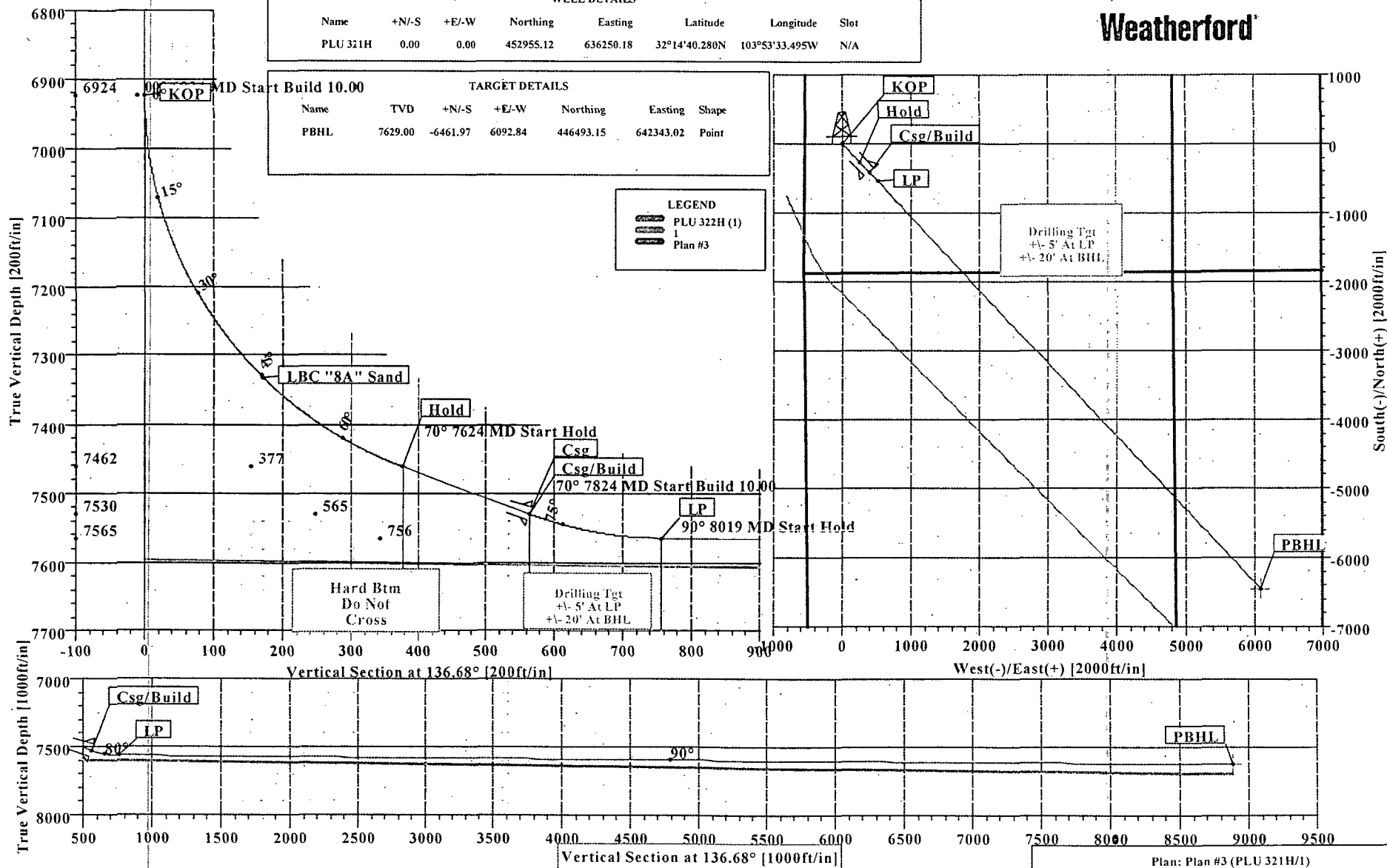
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
PLU 321H	0.00	0.00	452955.12	636250.18	32°14'40.280N	103°53'33.495W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	7629.00	-6461.97	6092.84	446493.15	642343.02	Point

LEGEND

PLU 322H (1)
1
Plan #3



Weatherford

Plan: Plan #3 (PLU 321H/1)

Created By: Russell W. Joyner

Date: 11/13/2013



Weatherford*

Company: BOPCO, L.P. Field: Eddy County, NM (Nad 27) Site: Poker Lake Unit 321H Well: PLU 321H Wellpath: 1				Date: 11/13/2013 Time: 16:37:27 Page: 1 Co-ordinate(NE) Reference: Well: PLU 321H, Grid North Vertical (TVD) Reference: SITE 3369.0 Section (VS) Reference: Well (0.00N,0.00E,136.68Azi) Survey Calculation Method: Minimum Curvature Db: Sybase						
Plan: Plan #3 Principal: Yes				Date Composed: 7/11/2012 Version: 1 Tied-to: From Surface						
Site: Poker Lake Unit 321H										
Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3350.00 ft		Northing: 452955.12 ft Easting: 636250.18 ft		Latitude: 32 14 40.280 N Longitude: 103 53 33.495 W North Reference: Grid Grid Convergence: 0.24 deg						
Well: PLU 321H				Slot Name:						
Well Position: +N/-S 0.00 ft Position Uncertainty: 0.00 ft		Northing: 452955.12 ft Easting: 636250.18 ft		Latitude: 32 14 40.280 N Longitude: 103 53 33.495 W						
Wellpath: 1				Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 7.54 deg Mag Dip Angle: 60.11 deg						
Current Datum: SITE Magnetic Data: 1/15/2013 Field Strength: 48460 nT Vertical Section: Depth From (TVD) ft		Height 3369.00 ft +N/-S ft		+E/-W ft Direction deg						
0.00		0.00		0.00 136.68						
Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	136.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6923.66	0.00	136.68	6923.66	0.00	0.00	0.00	0.00	0.00	0.00	
7623.66	70.00	136.68	7462.06	-274.29	258.63	10.00	10.00	0.00	136.68	
7823.66	70.00	136.68	7530.46	-411.04	387.56	0.00	0.00	0.00	0.00	
8019.14	89.55	136.68	7565.00	-550.33	518.89	10.00	10.00	0.00	0.00	
16144.44	89.55	136.68	7629.00	-6461.97	6092.84	0.00	0.00	0.00	0.00	PBHL
Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
6400.00	0.00	136.68	6400.00	0.00	0.00	0.00	0.00	452955.12	636250.18	
6500.00	0.00	136.68	6500.00	0.00	0.00	0.00	0.00	452955.12	636250.18	
6600.00	0.00	136.68	6600.00	0.00	0.00	0.00	0.00	452955.12	636250.18	
6700.00	0.00	136.68	6700.00	0.00	0.00	0.00	0.00	452955.12	636250.18	
6800.00	0.00	136.68	6800.00	0.00	0.00	0.00	0.00	452955.12	636250.18	
6900.00	0.00	136.68	6900.00	0.00	0.00	0.00	0.00	452955.12	636250.18	
6923.66	0.00	136.68	6923.66	0.00	0.00	0.00	0.00	452955.12	636250.18	KOP
7000.00	7.63	136.68	6999.77	-3.70	3.48	5.08	10.00	452951.42	636253.66	
7100.00	17.63	136.68	7097.23	-19.59	18.47	26.92	10.00	452935.53	636268.65	
7200.00	27.63	136.68	7189.41	-47.55	44.84	65.36	10.00	452907.57	636295.02	
7300.00	37.63	136.68	7273.52	-86.74	81.79	119.22	10.00	452868.38	636331.97	
7378.20	45.45	136.68	7332.00	-124.45	117.34	171.04	10.00	452830.67	636367.52	LBC "8A" Sand
7400.00	47.63	136.68	7348.99	-135.96	128.19	186.86	10.00	452819.16	636378.37	
7500.00	57.63	136.68	7407.60	-193.71	182.65	266.24	10.00	452761.41	636432.83	
7600.00	67.63	136.68	7453.							

Weatherford

Wft Plan Report X Y's.



Weatherford

Company: BOPCO, L.P.
Field: Eddy County, NM (Nad 27)
Site: Poker Lake Unit 321H
Well: PLU 321H
Wellpath: 1

Date: 11/13/2013 Time: 16:37:27 Page: 2
Co-ordinate(NE) Reference: Well: PLU 321H, Grid North
Vertical (TVD) Reference: SITE 3369.0
Section (VS) Reference: Well (0.00N,0.00E,136.68Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
8019.14	89.55	136.68	7565.00	-550.33	518.89	756.38	10.00	452404.79	636769.07	LP
8100.00	89.55	136.68	7565.64	-609.16	574.36	837.24	0.00	452345.96	636824.54	
8200.00	89.55	136.68	7568.42	-681.92	642.90	937.23	0.00	452273.20	636893.14	
8300.00	89.55	136.68	7567.21	-754.67	711.56	1037.23	0.00	452200.45	636961.74	
8400.00	89.55	136.68	7568.00	-827.43	780.16	1137.23	0.00	452127.69	637030.34	
8500.00	89.55	136.68	7568.79	-900.18	848.76	1237.23	0.00	452054.94	637098.94	
8600.00	89.55	136.68	7569.58	-972.94	917.36	1337.22	0.00	451982.18	637167.54	
8700.00	89.55	136.68	7570.36	-1045.70	985.96	1437.22	0.00	451909.42	637236.14	
8800.00	89.55	136.68	7571.15	-1118.45	1054.56	1537.22	0.00	451836.67	637304.74	
8900.00	89.55	136.68	7571.94	-1191.21	1123.16	1637.21	0.00	451763.91	637373.34	
9000.00	89.55	136.68	7572.73	-1263.96	1191.76	1737.21	0.00	451691.16	637441.94	
9100.00	89.55	136.68	7573.51	-1336.72	1260.36	1837.21	0.00	451618.40	637510.54	
9200.00	89.55	136.68	7574.30	-1409.48	1328.96	1937.20	0.00	451545.64	637579.14	
9300.00	89.55	136.68	7575.09	-1482.23	1397.56	2037.20	0.00	451472.89	637647.74	
9400.00	89.55	136.68	7575.88	-1554.99	1466.16	2137.20	0.00	451400.13	637716.34	
9500.00	89.55	136.68	7576.66	-1627.74	1534.76	2237.19	0.00	451327.38	637784.94	
9600.00	89.55	136.68	7577.45	-1700.50	1603.36	2337.19	0.00	451254.62	637853.54	
9700.00	89.55	136.68	7578.24	-1773.25	1671.96	2437.19	0.00	451181.87	637922.14	
9800.00	89.55	136.68	7579.03	-1846.01	1740.56	2537.18	0.00	451109.11	637990.74	
9900.00	89.55	136.68	7579.82	-1918.77	1809.16	2637.18	0.00	451036.35	638059.34	
10000.00	89.55	136.68	7580.60	-1991.52	1877.76	2737.18	0.00	450963.60	638127.94	
10100.00	89.55	136.68	7581.39	-2064.28	1946.36	2837.18	0.00	450890.84	638196.54	
10200.00	89.55	136.68	7582.18	-2137.03	2014.96	2937.17	0.00	450818.09	638265.14	
10300.00	89.55	136.68	7582.97	-2209.79	2083.56	3037.17	0.00	450745.33	638333.74	
10400.00	89.55	136.68	7583.75	-2282.55	2152.16	3137.17	0.00	450672.57	638402.34	
10500.00	89.55	136.68	7584.54	-2355.30	2220.76	3237.16	0.00	450599.82	638470.94	
10600.00	89.55	136.68	7585.33	-2428.06	2289.36	3337.16	0.00	450527.06	638539.54	
10700.00	89.55	136.68	7586.12	-2500.81	2357.96	3437.16	0.00	450454.31	638608.14	
10800.00	89.55	136.68	7586.90	-2573.57	2426.56	3537.15	0.00	450381.55	638676.74	
10900.00	89.55	136.68	7587.69	-2646.33	2495.16	3637.15	0.00	450308.79	638745.34	
11000.00	89.55	136.68	7588.48	-2719.08	2563.76	3737.15	0.00	450236.04	638813.94	
11100.00	89.55	136.68	7589.27	-2791.84	2632.36	3837.14	0.00	450163.28	638882.54	
11200.00	89.55	136.68	7590.05	-2864.59	2700.96	3937.14	0.00	450090.53	638951.14	
11300.00	89.55	136.68	7590.84	-2937.35	2769.56	4037.14	0.00	450017.77	639019.74	
11400.00	89.55	136.68	7591.63	-3010.11	2838.16	4137.14	0.00	449945.01	639088.34	
11500.00	89.55	136.68	7592.42	-3082.86	2906.76	4237.13	0.00	449872.26	639156.94	
11600.00	89.55	136.68	7593.21	-3155.62	2975.36	4337.13	0.00	449799.50	639225.54	
11700.00	89.55	136.68	7593.99	-3228.37	3043.96	4437.13	0.00	449726.75	639294.14	
11800.00	89.55	136.68	7594.78	-3301.13	3112.56	4537.12	0.00	449653.99	639362.74	
11900.00	89.55	136.68	7595.57	-3373.89	3181.16	4637.12	0.00	449581.23	639431.34	
12000.00	89.55	136.68	7596.36	-3446.64	3249.76	4737.12	0.00	449508.48	639499.94	
12100.00	89.55	136.68	7597.14	-3519.40	3318.36	4837.11	0.00	449435.72	639568.54	
12200.00	89.55	136.68	7597.93	-3592.15	3386.96	4937.11	0.00	449362.97	639637.14	
12300.00	89.55	136.68	7598.72	-3664.91	3455.56	5037.11	0.00	449290.21	639705.74	
12400.00	89.55	136.68	7599.51	-3737.67	3524.16	5137.10	0.00	449217.45	639774.34	
12500.00	89.55	136.68	7600.29	-3810.42	3592.76	5237.10	0.00	449144.70	639842.94	
12600.00	89.55	136.68	7601.08	-3883.18	3661.36	5337.10	0.00	449071.94	639911.54	
12700.00	89.55	136.68	7601.87	-3955.93	3729.96	5437.09	0.00	448999.19	639980.14	
12800.00	89.55	136.68	7602.66	-4028.69	3798.56	5537.09	0.00	448926.43	640048.74	
12900.00	89.55	136.68	7603.44	-4101.45	3867.16	5637.09	0.00	448853.67	640117.34	
13000.00	89.55	136.68	7604.23	-4174.20	3935.76	5737.09	0.00	448780.92	640185.94	
13100.00	89.55	136.68	7605.02	-4246.96	4004.36	5837.08	0.00	448708.16	640254.54	
13200.00	89.55	136.68	7605.81	-4319.71	4072.96	5937.08	0.00	448635.41	640323.14	

Weatherford

Wft Plan Report X Y's.



Weatherford

Company: BOPCO, L.P. Field: Eddy County, NM (Nad 27) Site: Poker Lake Unit 321H Well: PLU 321H Wellpath: 1	Date: 11/13/2013 Time: 16:37:27 Page: 3 Co-ordinate(NE) Reference: Well: PLU 321H, Grid North Vertical (TVD) Reference: SITE 3369.0 Section (VS) Reference: Well (0.00N,0.00E,136.68Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
13300.00	89.55	136.68	7606.60	-4392.47	4141.56	6037.08	0.00	448562.65	640391.74	
13400.00	89.55	136.68	7607.38	-4466.23	4210.16	6137.07	0.00	448489.89	640460.34	
13500.00	89.55	136.68	7608.17	-4537.98	4278.76	6237.07	0.00	448417.14	640528.94	
13600.00	89.55	136.68	7608.96	-4610.74	4347.36	6337.07	0.00	448344.38	640597.54	
13700.00	89.55	136.68	7609.75	-4683.49	4415.96	6437.06	0.00	448271.63	640666.14	
13800.00	89.55	136.68	7610.53	-4756.25	4484.56	6537.06	0.00	448198.87	640734.74	
13900.00	89.55	136.68	7611.32	-4829.01	4553.16	6637.06	0.00	448126.11	640803.34	
14000.00	89.55	136.68	7612.11	-4901.76	4621.76	6737.05	0.00	448053.36	640871.94	
14100.00	89.55	136.68	7612.90	-4974.52	4690.36	6837.05	0.00	447980.60	640940.54	
14200.00	89.55	136.68	7613.68	-5047.27	4758.96	6937.05	0.00	447907.85	641009.14	
14300.00	89.55	136.68	7614.47	-5120.03	4827.56	7037.05	0.00	447835.09	641077.74	
14400.00	89.55	136.68	7615.26	-5192.79	4896.16	7137.04	0.00	447762.33	641146.34	
14500.00	89.55	136.68	7616.05	-5265.54	4964.76	7237.04	0.00	447689.58	641214.94	
14600.00	89.55	136.68	7616.84	-5338.30	5033.36	7337.04	0.00	447616.82	641283.54	
14700.00	89.55	136.68	7617.62	-5411.05	5101.96	7437.03	0.00	447544.07	641352.14	
14800.00	89.55	136.68	7618.41	-5483.81	5170.56	7537.03	0.00	447471.31	641420.74	
14900.00	89.55	136.68	7619.20	-5556.57	5239.16	7637.03	0.00	447398.55	641489.34	
15000.00	89.55	136.68	7619.99	-5629.32	5307.76	7737.02	0.00	447325.80	641557.94	
15100.00	89.55	136.68	7620.77	-5702.08	5376.36	7837.02	0.00	447253.04	641626.54	
15200.00	89.55	136.68	7621.56	-5774.83	5444.96	7937.02	0.00	447180.29	641695.14	
15300.00	89.55	136.68	7622.35	-5847.59	5513.56	8037.01	0.00	447107.53	641763.74	
15400.00	89.55	136.68	7623.14	-5920.35	5582.16	8137.01	0.00	447034.77	641832.34	
15500.00	89.55	136.68	7623.92	-5993.10	5650.76	8237.01	0.00	446962.02	641900.94	
15600.00	89.55	136.68	7624.71	-6065.86	5719.36	8337.00	0.00	446889.26	641969.54	
15700.00	89.55	136.68	7625.50	-6138.61	5787.95	8437.00	0.00	446816.51	642038.13	
15800.00	89.55	136.68	7626.29	-6211.37	5856.55	8537.00	0.00	446743.75	642106.73	
15900.00	89.55	136.68	7627.07	-6284.13	5925.15	8637.00	0.00	446670.99	642175.33	
16000.00	89.55	136.68	7627.86	-6356.88	5993.75	8736.99	0.00	446598.24	642243.93	
16100.00	89.55	136.68	7628.65	-6429.64	6062.35	8836.99	0.00	446525.48	642312.53	
16144.44	89.55	136.68	7629.00	-6461.97	6092.84	8881.43	0.00	446493.15	642343.02	PBHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg. Min. Sec	Longitude Deg. Min. Sec
PBHL		7629.00	-6461.97	6092.84	446493.15	642343.02	32 13 36.079 N	103 52 22.874 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
7823.66	7530.47	0.000	0.000	Csg

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
7378.20	7332.00	LBC "8A" Sand		0.00	0.00

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Wft Plan Report X Y's.



Weatherford

Company: BOPCO, L.P.	Date: 11/13/2013	Time: 16:37:27	Page: 4
Field: Eddy County, NM (Nad 27)	Co-ordinate(NE) Reference: Well: PLU 321H, Grid North		
Site: Poker Lake Unit 321H	Vertical (TVD) Reference: SITE 3369.0		
Well: PLU 321H	Section (VS) Reference: Well (0.00N;0.00E,136.68Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature Db: Sybase		

Annotation

MD ft	TVD ft	
6923.66	6923.66	KOP
7623.66	7462.06	Hold
7823.66	7530.47	Csg/Build
8019.14	7565.00	LP
16144.44	0.00	PBHL

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

Report Date: November 07, 2013
Job Number: _____
Customer: BOPCO
Well Name: Poker Lake Unit 321H
API Number: _____
Rig Name: JM Wright Unit #92H
Location: Eddy Co, NM
Block: _____
Engineer: RWJ

US State Plane 1927	Geodetic Latitude / Longitude
System: New Mexico East 3001 (NON-EXACT)	System: Latitude / Longitude
Projection: SPC27 Transverse Mercator	Projection: Geodetic Latitude and Longitude
Datum: NAD 1927 (NADCON CONUS)	Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866	Ellipsoid: Clarke 1866
North/South 452955.120 USFT	Latitude 32.2445221 DEG
East/West 636250.180 USFT	Longitude -103.8926374 DEG
Grid Convergence: .24°	
Total Correction: +7.31°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.24452° N	32° 14 min 40.280 sec
Longitude =	103.89264° W	103° 53 min 33.495 sec

Magnetic Declination =	7.55°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6567
Local Field Strength =	48354 nT	Magnetic Vector X = 23913 nT
Magnetic Dip =	60.08°	Magnetic Vector Y = 3169 nT
Magnetic Model =	bggm2013	Magnetic Vector Z = 41908 nT
Spud Date =	Nov 30, 2013	Magnetic Vector H = 24122 nT

Signed: _____

Date: _____



CUSTOMER: BOPCO

PROJECT: Poker Lake Unit #331H

RIG: McVay #5

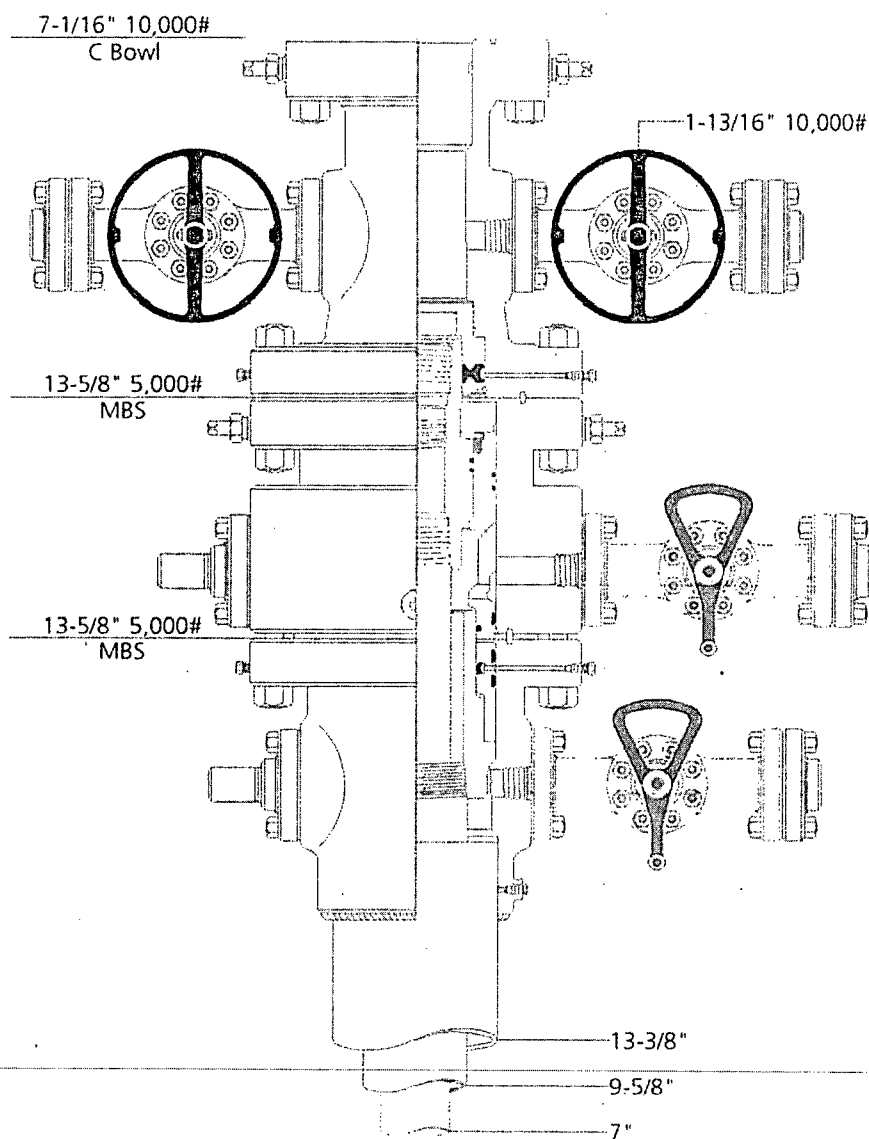
CASING PROGRAM: 13-3/8" x 9-5/8" x 7"

SPUD: 15 April 2013

DATE: 3 April 2013

Rental:

13-5/8' Long Wear Bushing
13-5/8' Short Wear Bushing
13-5/8" Test Plug
9-5/8" Casing Hgr. Tool
7" Casing Hgr. Tool
Packoff Support Bushing Running Tool
Wash / Jetting Tool



27"

22-1/2"

20"

**PECOS DISTRICT
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	BOPCO, LP
LEASE NO.:	LC068905
WELL NAME & NO.:	321H-POKER LAKE UNIT
SURFACE HOLE FOOTAGE:	1870'/S. & 540'/W.
BOTTOM HOLE FOOTAGE	650'/S. & 1250'/W (Sec. 4)
LOCATION:	Section 10, T. 24 S., R. 30 E., NMPM
COUNTY:	Eddy County, New Mexico

The original COAs still stand with the following drilling modifications:

PRODUCTION CEMENT

1. The minimum required fill of cement behind the 7 inch production casing is:

Operator has proposed DV tool at depth of 5000'. Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth.

- a. First stage to DV tool, cement shall:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

- b. Second stage above DV tool, cement shall:

☒ Cement should tie-back at least **500** feet into previous casing string. Operator shall provide method of verification.

PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.

2. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.** If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).
3. **Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 3000 (3M) psi.**
 - a. **Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.**
 - b. **If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.**
 - c. **Manufacturer representative shall install the test plug for the initial BOP test.**
 - d. **Operator shall perform the 9-5/8" and 7" casing integrity tests to 70% of the casing burst. This will test the multi-bowl seals.**
 - e. **If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.**
4. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
 - b. The tests shall be done by an independent service company utilizing a test plug **not a cup or J-packer.**

- c. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock.
- d. The results of the test shall be reported to the appropriate BLM office.
- e. All tests are required to be recorded on a calibrated test chart. **A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**
- f. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

JAM 120413