

OCD-ARTESIA

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **BOPCO, L. P.**

3a. Address
P. O. Box 2760 Midland, TX 79702

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 1264' FSL, 2310' FWL, Lat:N32.155642,Long:W103.783572
BHL: 300' FSL, 1890' FEL, Sec 32, T24S-R31E, Lat:N32.167642,Long:W103.796878

5. Lease Serial No.
NM-030457

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Poker Lake Unit NMNM71016X

8. Well Name and No.
Poker Lake Unit 303H

9. API Well No.
30-015-37646

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

11. County or Parish, State
Eddy County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>4-1/2" Completion system set depth.</u>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplete 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 requests to make the following changes:

Change bottom hole location from the approved footages of 350' FNL, 1,100' FEL, Sec. 5, T25S-R31E.

To 300' FSL + 1890 FEL
Sec 32, T24S, R31E

This bottom hole location change will alter the set depth of the 4-1/2" completion system to 13,833' MD, 7,976' TVD.

The revised plat and directional plan is attached.

Accepted for record
NMOCD

TCS
1/20/2012

SUBJECT TO LIKE
APPROVAL BY STATE

RECEIVED
DEC 29 2011
NMOCD ARTESIA

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

Christopher Giese

Title Drilling Engineer

Signature

Christopher Giese

Date

12/9/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

APPROVED

Date

DEC 27 2011
/s/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 USC Section 1001 and Title 43 USC 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.

(Instructions on page 2)

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-37646	Pool Code 50386	Pool Name Poker Lake, South (Delaware)
Property Code 306402	Property Name POKER LAKE UNIT	Well Number 303H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3411'

Surface Location

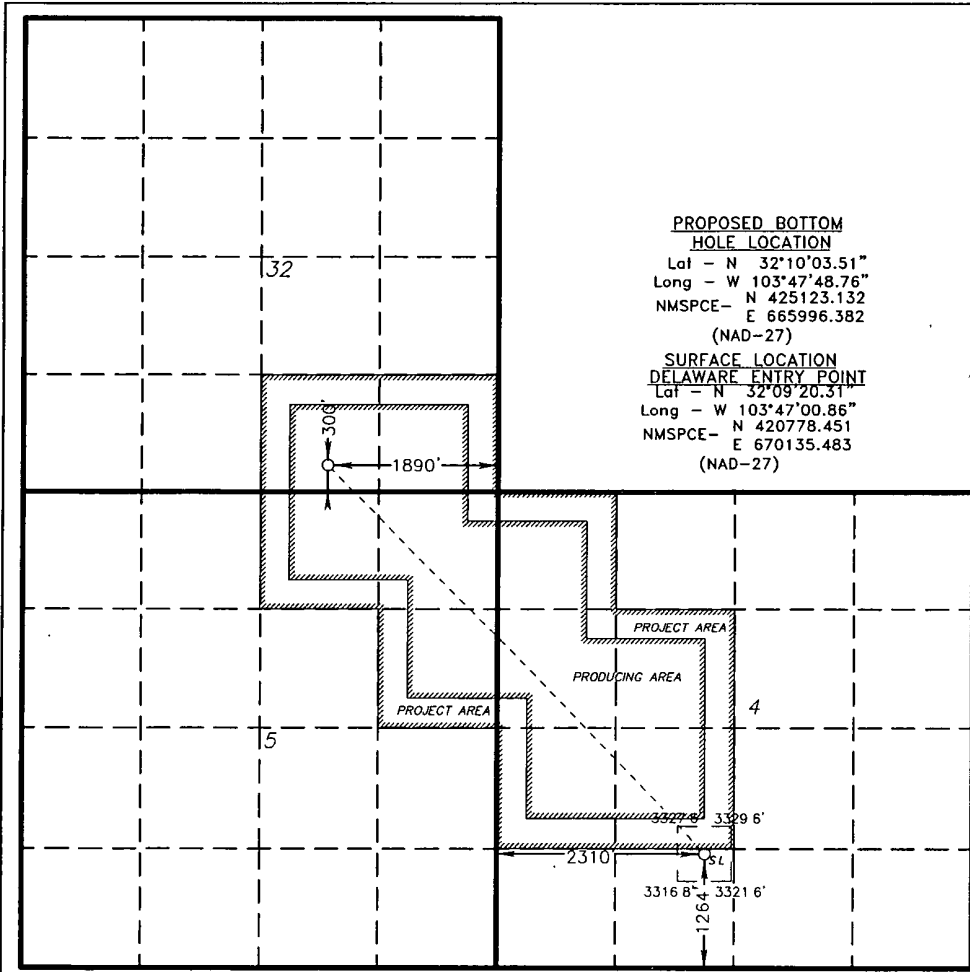
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	25 S	31 E		1264	SOUTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	24 S	31 E		300	SOUTH	1890	EAST	EDDY

Dedicated Acres 400	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



PROPOSED BOTTOM HOLE LOCATION
 Lat - N 32°10'03.51"
 Long - W 103°47'48.76"
 NMSPC- N 425123.132
 E 665996.382
 (NAD-27)

SURFACE LOCATION DELAWARE ENTRY POINT
 Lat - N 32°09'20.31"
 Long - W 103°47'00.86"
 NMSPC- N 420778.451
 E 670135.483
 (NAD-27)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

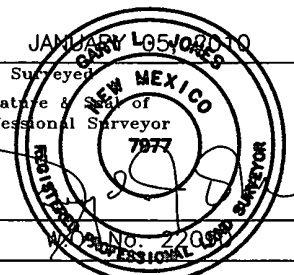
Jeremy Braden 12-6-11
 Signature Date

Jeremy Braden
 Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

JANUARY 19 5 00 10
 Date Surveyed
 Signature & Seal of Professional Surveyor
 7977
 Certificate No. Gary L. Jones 7977



BASIN SURVEYS



Weatherford[™]

Drilling Services

Proposal

BOPCO, L.P.

POKER LAKE UNIT #303H

EDDY CO, NM

WELL FILE: **OPTION 2 STRAIGHT PLAN 2**

DECEMBER 8, 2011

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 303H
Eddy Co, NM



Weatherford

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	7559.54	0.00	0.00	7559.54	0.00	0.00	0.00	0.00	0.00	
3	8309.54	90.00	316.39	8037.00	345.71	-329.33	12.00	316.39	477.33	
4	8409.54	90.00	316.39	8037.00	418.11	-398.30	0.00	0.00	577.30	
5	8457.05	90.00	316.39	8037.00	452.51	-431.07	0.00	0.00	624.80	
6	8488.04	90.93	316.39	8036.75	474.95	-452.45	3.00	0.00	655.78	
7	9705.40	90.93	316.39	8017.00	1356.27	-1292.01	0.00	0.00	1872.64	
8	9718.67	90.53	316.39	8016.83	1365.87	-1301.16	3.00	180.00	1885.90	
9	12286.62	90.53	316.39	7993.00	3225.12	-3072.31	0.00	0.00	4453.02	
10	12289.90	90.63	316.38	7992.97	3227.50	-3074.58	3.00	-4.40	4456.31	
11	13833.18	90.63	316.38	7976.00	4344.70	-4139.13	0.00	0.00	5999.05	Pbhl

FIELD DETAILS

Eddy County, NM (Nad 27)
Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

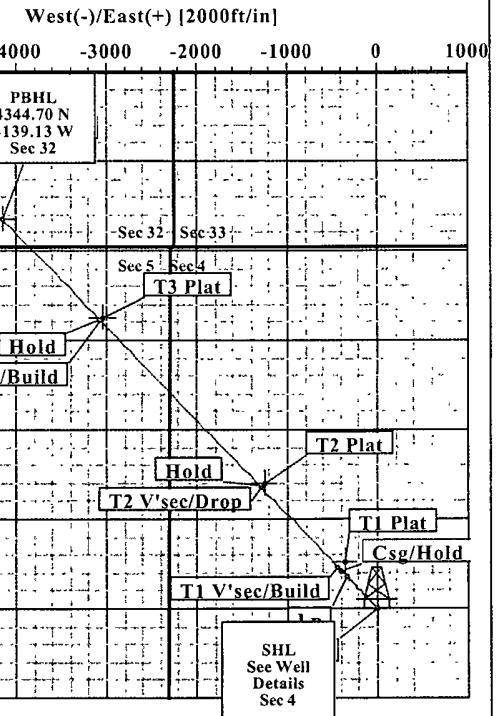
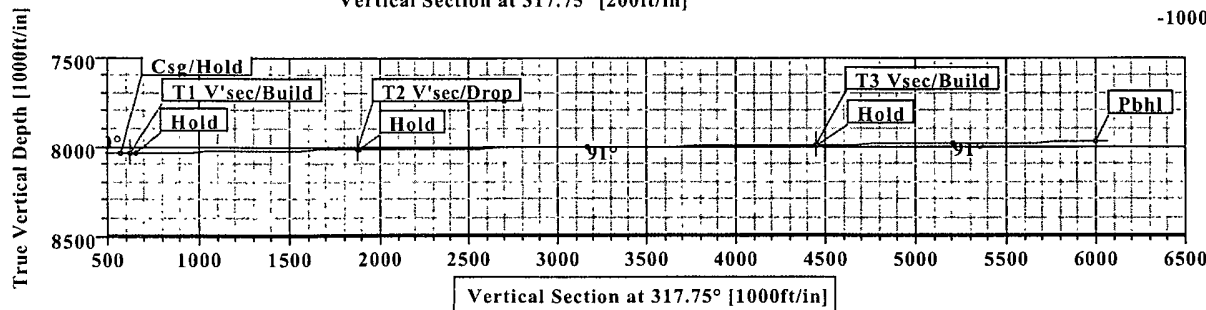
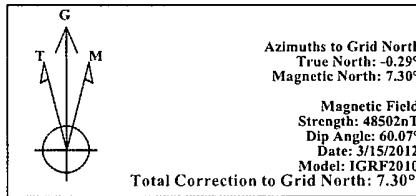
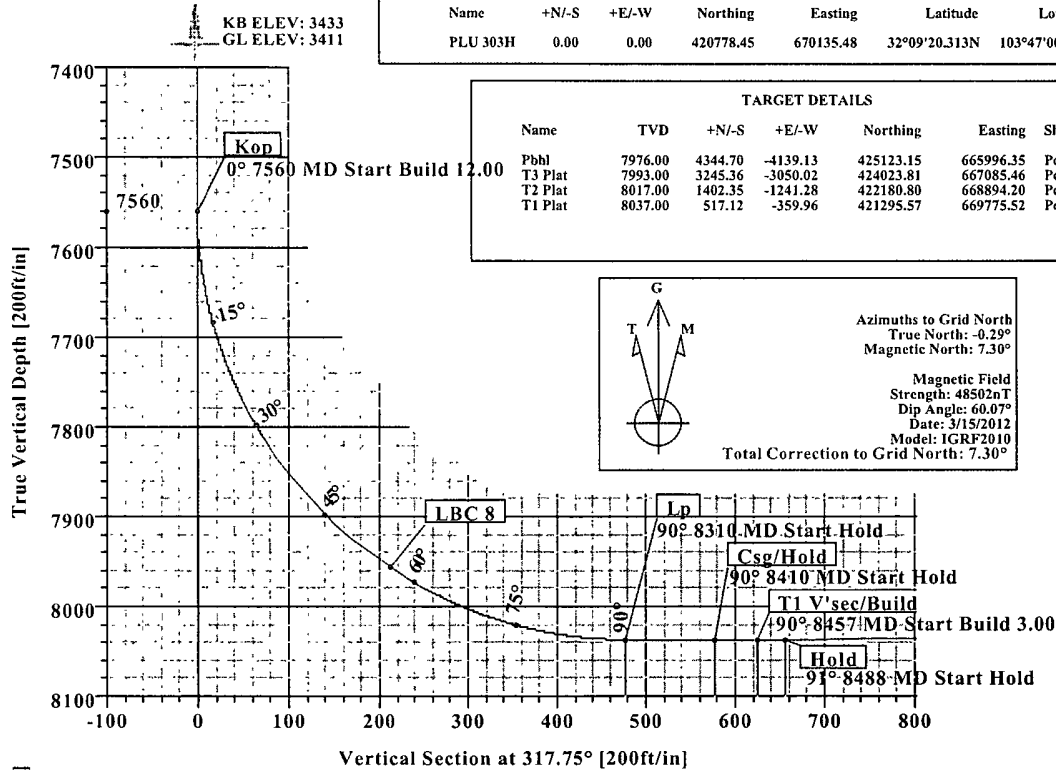
Poker Lake Unit 303H
Site Centre Northing: 420778.45
Easting: 670135.48
Ground Level: 3411.00
Positional Uncertainty: 0.00
Convergence: 0.29

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
PLU 303H	0.00	0.00	420778.45	670135.48	32°09'20.313N	103°47'00.862W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	7976.00	4344.70	-4139.13	425123.15	665996.35	Point
T3 Plat	7993.00	3245.36	-3050.02	424023.81	667085.46	Point
T2 Plat	8017.00	1402.35	-1241.28	422180.80	668894.20	Point
T1 Plat	8037.00	517.12	-359.96	421295.57	669775.52	Point



FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	7957.00	8029.12	LBC 8

Plan: Plan #2 (PLU 303H/Option 2 Straight)

Created By: Russell W. Joyner

Date: 12/8/2011

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: BOPCO, L.P. Field: Eddy County, NM (Nad 27) Site: Pöker Lake Unit 303H Well: PLU 303H Wellpath: Option 2 Straight	Date: 12/8/2011 Time: 16:16:22 Page: 1 Co-ordinate(NE) Reference: Well: PLU 303H, Grid North Vertical (TVD) Reference: SITE 3433.0 Section (VS) Reference: Well (0.00N,0.00E,317.75Azi) Survey Calculation Method: Minimum Curvature Db: Sybase										
Plan: Plan #2 Principal: Yes	Date Composed: 12/8/2011 Version: 1 Tied-to: From Surface										
Field: Eddy County, NM (Nad 27)											
Map System: US State Plane Coordinate System 1927 Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level	Map Zone: New Mexico, Eastern Zone Coordinate System: Well Centre Geomagnetic Model: IGRF2010										
Site: Pöker Lake Unit 303H											
Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3411.00 ft	Northing: 420778.45 ft Easting: 670135.48 ft Latitude: 32 9 20.313 N Longitude: 103 47 0 862 W North Reference: Grid Grid Convergence: 0.29 deg										
Well: PLU 303H Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Slot Name: Northing: 420778.45 ft Easting: 670135.48 ft Latitude: 32 9 20.313 N Longitude: 103 47 0.862 W										
Wellpath: Option 2 Straight Current Datum: SITE Magnetic Data: 3/15/2012 Field Strength: 48502 nT Vertical Section: Depth From (TVD) ft	Drilled From: Option 1 Turn Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 7.59 deg Mag Dip Angle: 60.07 deg +N/-S ft +E/-W ft Direction deg										
0.00	0.00 0.00 317.75										
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	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00		
7559.54	0 00	0 00	7559.54	0 00	0 00	0 00	0 00	0 00	0 00		
8309.54	90 00	316 39	8037.00	345.71	-329.33	12.00	12.00	0 00	316 39		
8409.54	90 00	316 39	8037.00	418.11	-398.30	0 00	0 00	0 00	0 00		
8457.05	90 00	316 39	8037.00	452.51	-431.07	0 00	0 00	0 00	0 00		
8488.04	90.93	316.39	8036.75	474.95	-452.45	3.00	3.00	0 00	0 00		
9705.40	90.93	316.39	8017.00	1356.27	-1292.01	0 00	0 00	0 00	0 00		
9718.67	90.53	316.39	8016.83	1365.87	-1301.16	3.00	-3.00	0 00	180.00		
12286.62	90.53	316.39	7993.00	3225.12	-3072.31	0 00	0 00	0 00	0 00		
12289.90	90.63	316.38	7992.97	3227.50	-3074.58	3.00	2.99	-0.23	-4.40		
13833.18	90.63	316.38	7976.00	4344.70	-4139.13	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	Comment	
7500 00	0 00	0 00	7500 00	0 00	0 00	0 00	0 00	420778.45	670135.48		
7559 54	0 00	0 00	7559.54	0 00	0 00	0 00	0 00	420778.45	670135.48	Kop	
7600 00	4 86	316 39	7599 95	1.24	-1.18	1.71	12 00	420779.69	670134.30		
7700 00	16 86	316 39	7697 98	14.85	-14.15	20.51	12 00	420793 30	670121.34		
7800 00	28 86	316 39	7789 96	42.92	-40.89	59.26	12 00	420821.37	670094.59		
7900 00	40 86	316 39	7871 87	84.23	-80.24	116.29	12 00	420862 68	670055 25		
8000 00	52 86	316 39	7940 13	136.96	-130.47	189.10	12 00	420915 41	670005 01		
8029 12	56 35	316 39	7957 00	154.15	-146.84	212 83	12 00	420932 60	669988 64	LBC 8	
8100 00	64 86	316 39	7991 76	198.81	-189.39	274.51	12 00	420977 27	669946 09		
8102 94	65 21	316 39	7993 00	200.74	-191.23	277.17	12 00	420979 20	669944 25		
8170 84	73 36	316 39	8017 00	246 69	-235 00	340 61	12 00	421025 14	669900 48		

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: BOPCO, L.P.	Date: 12/8/2011	Time: 16:16:22	Page: 2
Field: Eddy County, NM (Nad 27)	Co-ordinate(NE) Reference: Well: PLU 303H, Grid North		
Site: Poker Lake Unit 303H	Vertical (TVD) Reference: SITE 3433.0		
Well: PLU 303H	Section (VS) Reference: Well (0.00N,0.00E,317.75Azi)		
Wellpath: Option 2 Straight	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	Comment
8200.00	76.86	316.39	8024.49	267.09	-254.44	368.78	12.00	421045.54	669881.05	
8300.00	88.86	316.39	8036.91	338.80	-322.75	467.79	12.00	421117.25	669812.73	
8309.54	90.00	316.39	8037.00	345.71	-329.33	477.33	12.00	421124.16	669806.15	Lp
8400.00	90.00	316.39	8037.00	411.21	-391.72	567.77	0.00	421189.66	669743.76	
8409.54	90.00	316.39	8037.00	418.11	-398.30	577.30	0.00	421196.57	669737.18	Csg/Hold
8457.05	90.00	316.39	8037.00	452.51	-431.07	624.80	0.00	421230.97	669704.41	T1 V'sec/Build
8488.04	90.93	316.39	8036.75	474.95	-452.45	655.78	3.00	421253.40	669683.03	Hold
8500.00	90.93	316.39	8036.56	483.61	-460.70	667.74	0.00	421262.06	669674.79	
8600.00	90.93	316.39	8034.94	556.01	-529.66	767.69	0.00	421334.46	669605.82	
8700.00	90.93	316.39	8033.31	628.40	-598.63	867.65	0.00	421406.85	669536.86	
8800.00	90.93	316.39	8031.69	700.80	-667.59	967.61	0.00	421479.25	669467.89	
8900.00	90.93	316.39	8030.07	773.19	-736.56	1067.57	0.00	421551.64	669398.92	
9000.00	90.93	316.39	8028.45	845.59	-805.52	1167.53	0.00	421624.04	669329.96	
9100.00	90.93	316.39	8026.82	917.98	-874.49	1267.49	0.00	421696.43	669260.99	
9200.00	90.93	316.39	8025.20	990.38	-943.46	1367.45	0.00	421768.83	669192.03	
9300.00	90.93	316.39	8023.58	1062.77	-1012.42	1467.41	0.00	421841.23	669123.06	
9400.00	90.93	316.39	8021.96	1135.17	-1081.39	1567.36	0.00	421913.62	669054.10	
9500.00	90.93	316.39	8020.33	1207.57	-1150.35	1667.32	0.00	421986.02	668985.13	
9600.00	90.93	316.39	8018.71	1279.96	-1219.32	1767.28	0.00	422058.41	668916.17	
9700.00	90.93	316.39	8017.09	1352.36	-1288.28	1867.24	0.00	422130.81	668847.20	
9705.40	90.93	316.39	8017.00	1356.27	-1292.01	1872.64	0.00	422134.72	668843.48	T2 V'sec/Drop
9718.67	90.53	316.39	8016.83	1365.87	-1301.16	1885.90	3.00	422144.32	668834.33	Hold
9800.00	90.53	316.39	8016.08	1424.76	-1357.25	1967.21	0.00	422203.21	668778.23	
9900.00	90.53	316.39	8015.15	1497.16	-1426.23	2067.18	0.00	422275.61	668709.26	
10000.00	90.53	316.39	8014.22	1569.56	-1495.20	2167.14	0.00	422348.01	668640.29	
10100.00	90.53	316.39	8013.29	1641.96	-1564.17	2267.11	0.00	422420.42	668571.31	
10200.00	90.53	316.39	8012.37	1714.37	-1633.14	2367.08	0.00	422492.82	668502.34	
10300.00	90.53	316.39	8011.44	1786.77	-1702.11	2467.05	0.00	422565.22	668433.37	
10400.00	90.53	316.39	8010.51	1859.17	-1771.08	2567.01	0.00	422637.62	668364.40	
10500.00	90.53	316.39	8009.58	1931.57	-1840.05	2666.98	0.00	422710.02	668295.43	
10600.00	90.53	316.39	8008.65	2003.97	-1909.03	2766.95	0.00	422782.43	668226.46	
10700.00	90.53	316.39	8007.73	2076.38	-1978.00	2866.92	0.00	422854.83	668157.48	
10800.00	90.53	316.39	8006.80	2148.78	-2046.97	2966.89	0.00	422927.23	668088.51	
10900.00	90.53	316.39	8005.87	2221.18	-2115.94	3066.85	0.00	422999.63	668019.54	
11000.00	90.53	316.39	8004.94	2293.58	-2184.91	3166.82	0.00	423072.03	667950.57	
11100.00	90.53	316.39	8004.01	2365.98	-2253.88	3266.79	0.00	423144.44	667881.60	
11200.00	90.53	316.39	8003.09	2438.39	-2322.86	3366.76	0.00	423216.84	667812.63	
11300.00	90.53	316.39	8002.16	2510.79	-2391.83	3466.72	0.00	423289.24	667743.66	
11400.00	90.53	316.39	8001.23	2583.19	-2460.80	3566.69	0.00	423361.64	667674.68	
11500.00	90.53	316.39	8000.30	2655.59	-2529.77	3666.66	0.00	423434.04	667605.71	
11600.00	90.53	316.39	7999.37	2727.99	-2598.74	3766.63	0.00	423506.45	667536.74	
11700.00	90.53	316.39	7998.45	2800.40	-2667.71	3866.59	0.00	423578.85	667467.77	
11800.00	90.53	316.39	7997.52	2872.80	-2736.69	3966.56	0.00	423651.25	667398.80	
11900.00	90.53	316.39	7996.59	2945.20	-2805.66	4066.53	0.00	423723.65	667329.83	
12000.00	90.53	316.39	7995.66	3017.60	-2874.63	4166.50	0.00	423796.05	667260.85	
12100.00	90.53	316.39	7994.73	3090.01	-2943.60	4266.47	0.00	423868.46	667191.88	
12200.00	90.53	316.39	7993.81	3162.41	-3012.57	4366.43	0.00	423940.86	667122.91	
12286.62	90.53	316.39	7993.00	3225.12	-3072.31	4453.02	0.00	424003.57	667063.17	T3 V'sec/Build
12289.90	90.63	316.38	7992.97	3227.50	-3074.58	4456.31	3.00	424005.95	667060.90	Hold
12300.00	90.63	316.38	7992.86	3234.81	-3081.55	4466.40	0.00	424013.26	667053.94	
12400.00	90.63	316.38	7991.76	3307.20	-3150.53	4566.37	0.00	424085.65	666984.96	
12500.00	90.63	316.38	7990.66	3379.59	-3219.51	4666.33	0.00	424158.04	666915.98	
12600.00	90.63	316.38	7989.56	3451.98	-3288.49	4766.30	0.00	424230.43	666847.00	

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: BOPCO, L.P.	Date: 12/8/2011	Time: 16:16:22	Page: 3
Field: Eddy County, NM (Nad 27)	Co-ordinate(NE) Reference: Well: PLU 303H, Grid North		
Site: Poker Lake Unit 303H	Vertical (TVD) Reference: SITE 3433.0		
Well: PLU 303H	Section (VS) Reference: Well (0.00N,0.00E,317.75Azi)		
Wellpath: Option 2 Straight	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	Comment
12700.00	90.63	316.38	7988.46	3524.37	-3357.47	4866.26	0.00	424302.83	666778.02	
12800.00	90.63	316.38	7987.36	3596.77	-3426.45	4966.23	0.00	424375.22	666709.04	
12900.00	90.63	316.38	7986.26	3669.16	-3495.43	5066.20	0.00	424447.61	666640.06	
13000.00	90.63	316.38	7985.16	3741.55	-3564.41	5166.16	0.00	424520.00	666571.08	
13100.00	90.63	316.38	7984.06	3813.94	-3633.39	5266.13	0.00	424592.39	666502.10	
13200.00	90.63	316.38	7982.96	3886.33	-3702.36	5366.09	0.00	424664.78	666433.12	
13300.00	90.63	316.38	7981.86	3958.72	-3771.34	5466.06	0.00	424737.18	666364.14	
13400.00	90.63	316.38	7980.76	4031.12	-3840.32	5566.02	0.00	424809.57	666295.16	
13500.00	90.63	316.38	7979.66	4103.51	-3909.30	5665.99	0.00	424881.96	666226.18	
13600.00	90.63	316.38	7978.56	4175.90	-3978.28	5765.95	0.00	424954.35	666157.20	
13700.00	90.63	316.38	7977.46	4248.29	-4047.26	5865.92	0.00	425026.74	666088.22	
13800.00	90.63	316.38	7976.36	4320.68	-4116.24	5965.89	0.00	425099.13	666019.24	
13833.18	90.63	316.38	7976.00	4344.70	-4139.13	5999.05	0.00	425123.15	665996.35	Pbhl

Targets

Name	Description Dip	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude			Longitude				
								Deg	Min	Sec	Deg	Min	Sec		
Pbhl			7976.00	4344.70	-4139.13	425123.15	665996.35	32	10	3.515	N	103	47	48.758	W
T3 Plat			7993.00	3245.36	-3050.02	424023.81	667085.46	32	9	52.582	N	103	47	36.151	W
T2 Plat			8017.00	1402.35	-1241.28	422180.80	668894.20	32	9	34.253	N	103	47	15.218	W
T1 Plat			8037.00	517.12	-359.96	421295.57	669775.52	32	9	25.449	N	103	47	5.019	W

Casing Points

MD ft	TVD ft	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7559.54	7559.54	Kop
8309.54	8037.00	Lp
8409.54	8037.00	Csg/Hold
8457.05	8037.00	T1 V'sec/Build
8488.04	8036.75	Hold
9705.40	8017.00	T2 V'sec/Drop
9718.67	8016.83	Hold
12286.62	7993.00	T3 V'sec/Build
12289.90	7992.97	Hold
13833.17	7976.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
8029.12	7957.00	LBC 8		0.00	0.00



Weatherford®

Weatherford Drilling Services

GeoDec v5.03

Report Date: December 08, 2011
 Job Number: _____
 Customer: BOPCO
 Well Name: Poker Lake Unit #303H
 API Number: _____
 Rig Name: _____
 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 420778.450 USFT	Latitude 32 9 20.3131462 DMS
East/West 670135.480 USFT	Longitude -103 47 0.8620285 DMS
Grid Convergence: .29°	
Total Correction: +7.30°	

Geodetic Location WGS84 Elevation = 0.0 Meters
 Latitude = 32.15564° N 32° 9 min 20.313 sec
 Longitude = 103.78357° W 103° 47 min .862 sec

Magnetic Declination =	7.59°	[True North Offset]	
Local Gravity =	.9988 g	Checksum =	6580
Local Field Strength =	48498 nT	Magnetic Vector X =	23987 nT
Magnetic Dip =	60.07°	Magnetic Vector Y =	3195 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z =	42030 nT
Spud Date =	Mar 15, 2012	Magnetic Vector H =	24199 nT

Signed: _____

Date: _____