

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.
NMNM030456

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.8. Well Name and No.
POKER LAKE UNIT 387H9. API Well No.
30-015-4118510. Field and Pool, or Exploratory
POKER LAKE; DELAWARE SOUTH11. County or Parish, and State
EDDY COUNTY, NM1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
BOPCO LP
Contact: WHITNEY MCKEE
E-Mail: wbmckee@basspet.com3a. Address
P.O. BOX 2760
MIDLAND, TX 797023b. Phone No. (include area code)
Ph: 432-683-2277

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

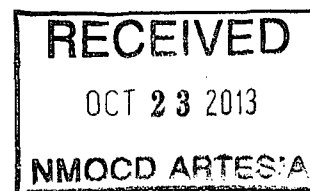
Sec 18 T25S R31E NWNW 660FNL 200FWL
32.135667 N Lat, 103.824764 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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.)

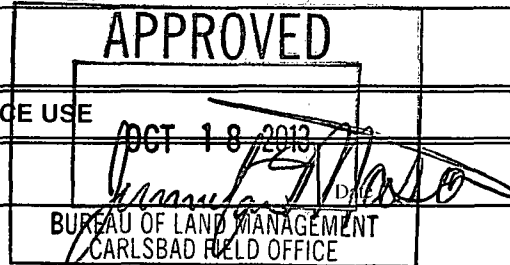
BOPCO, L.P. respectfully requests to change the bottom hole location of the Poker Lake Unit #387H to 660? FNL & 2,500? FEL of section 14-T25S-R30E. This move is being requested for wellbore optimization, casing points and cement volumes will not be changed. The updated sections of the directional plan and updated plats are attached.

Accepted for record
10/24/2013
NMOC



Original COAs still stand

14. I hereby certify that the foregoing is true and correct. Electronic Submission #220580 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by JOHNNY DICKERSON on 09/26/2013 ()	
Name (Printed/Typed) BRIAN BRAUN	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 09/19/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
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.	
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.	

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

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 July 16, 2010

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	Pool Code 50386	Pool Name POKER LAKE; DELAWARE (SOUTH)
Property Code 306402	Property Name POKER LAKE UNIT	Well Number 387H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3353'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	18	25 S	31 E		660	NORTH	200	WEST	EDDY

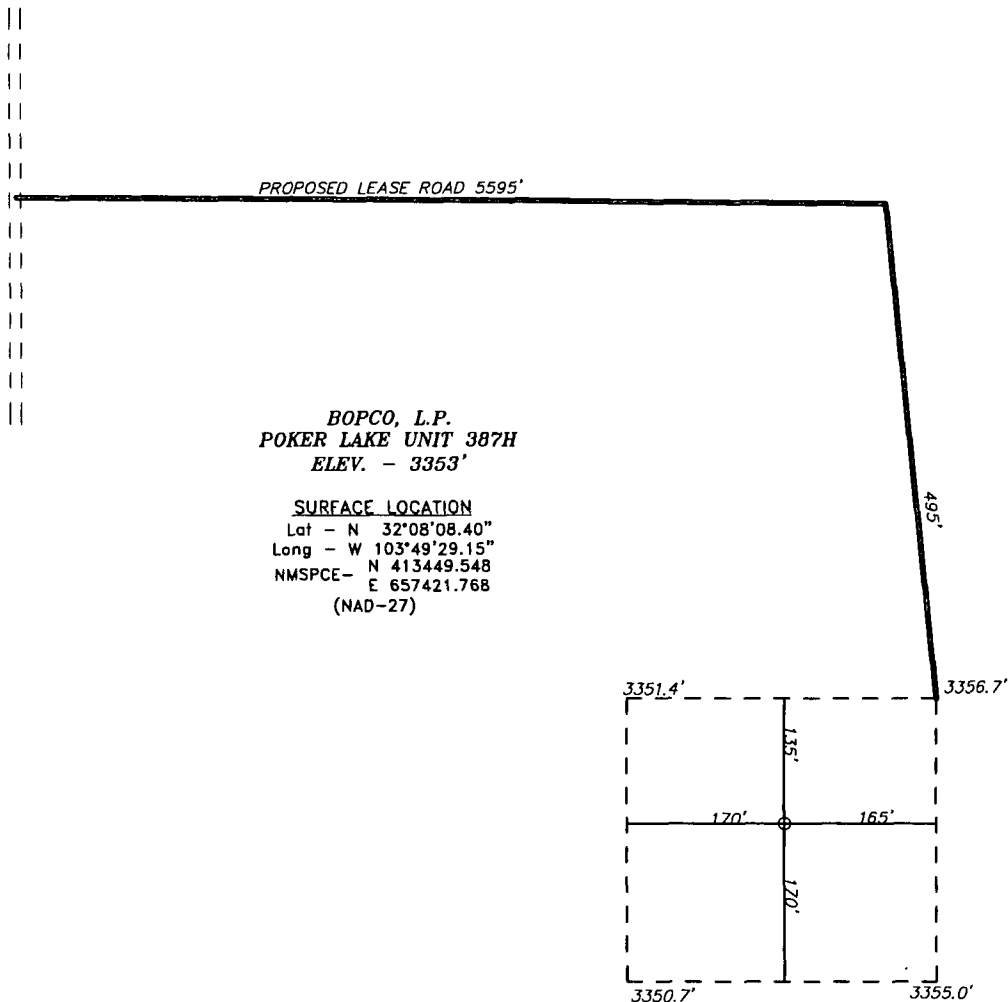
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	25 S	30 E		1405	NORTH	850	WEST	EDDY
Dedicated Acres 280	Joint or Infill	Consolidation Code	Order No.						

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

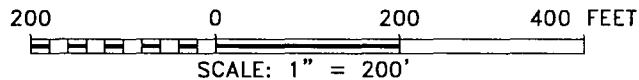
	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill 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. Signature _____ Date _____ Printed Name Jeremy Braden Email Address jdbraden@basspet.com 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. Date Surveyed _____ Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 26958
--	---

SECTION 18, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, WELL PAD LAYOUT NEW MEXICO.



BOPCO, L.P.
POKER LAKE UNIT 387H
ELEV. - 3353'

SURFACE LOCATION
 Lat - N 32°08'08.40"
 Long - W 103°49'29.15"
 NMSPCE - N 413449.548
 E 657421.768
 (NAD-27)



Directions to Location:

AT JUNCTION OF 787 TWIN WELLS AND 786 BUCK
 JACKSON GO SOUTH ON BUCK JACKSON 2.0 MILES
 TO BEGIN ROAD LATHE ON EAST.

BASIN SURVEYS P.O. BOX 1786 -HOBBS, NEW MEXICO

W.O. Number: 26958 Drawn By: **D. JONES**

Date: 07-05-2012 Disk: DAJ 26958

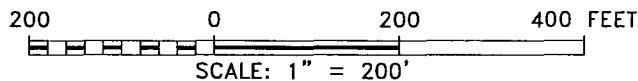
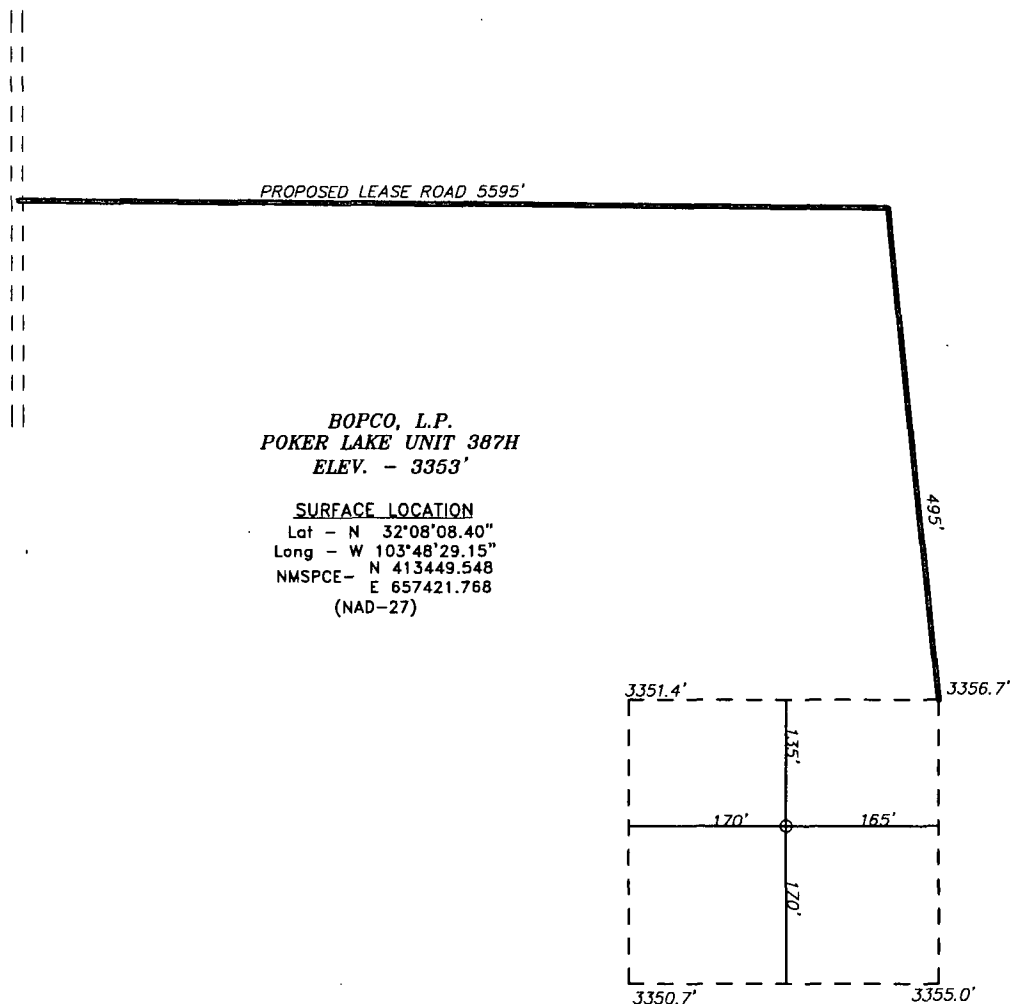
BOPCO, L.P.

REF: POKER LAKE UNIT 387H / WELL PAD TOPO

THE POKER LAKE UNIT 387H LOCATED 660'
 FROM THE NORTH LINE AND 200' FROM THE WEST LINE OF
 SECTION 18, TOWNSHIP 25 SOUTH, RANGE 31 EAST,
 N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 07-02-2012 Sheet 1 of 6 Sheets

SECTION 18, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.,
EDDY COUNTY, WELL PAD LAYOUT NEW MEXICO.



Directions to Location:

AT JUNCTION OF 787 TWIN WELLS AND 786 BUCK
JACKSON GO SOUTH ON BUCK JACKSON 2.0 MILES
TO BEGIN ROAD LATHE ON EAST.

BASIN SURVEYS P.O. BOX 1786—HOBBS, NEW MEXICO

W.O. Number: 26958 Drawn By: D. JONES

Date: 07-05-2012 Disk: DAJ 26958

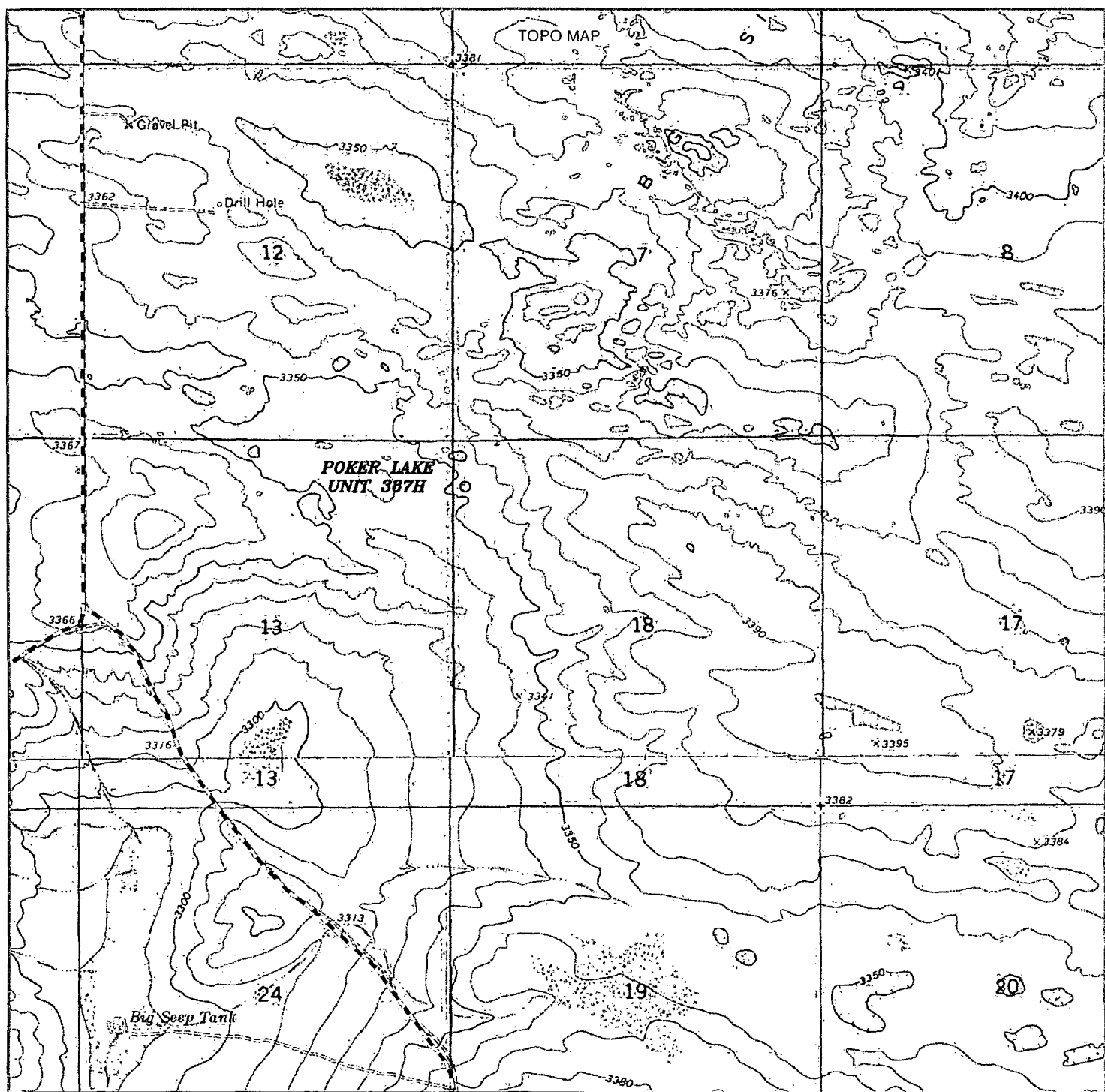
BOPCO, L.P.

REF: POKER LAKE UNIT 387H / WELL PAD TOPO

THE POKER LAKE UNIT 387H LOCATED 660'

FROM THE NORTH LINE AND 200' FROM THE WEST LINE OF
SECTION 18, TOWNSHIP 25 SOUTH, RANGE 31 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 07-02-2012 Sheet 1 of 6 Sheets



POKER LAKE UNIT 387H

Located 660' FNL and 200' FWL

Section 18, Township 25 South, Range 31 East,
N.M.P.M., Eddy County, New Mexico.



focused on excellence
in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: DAJ 26958

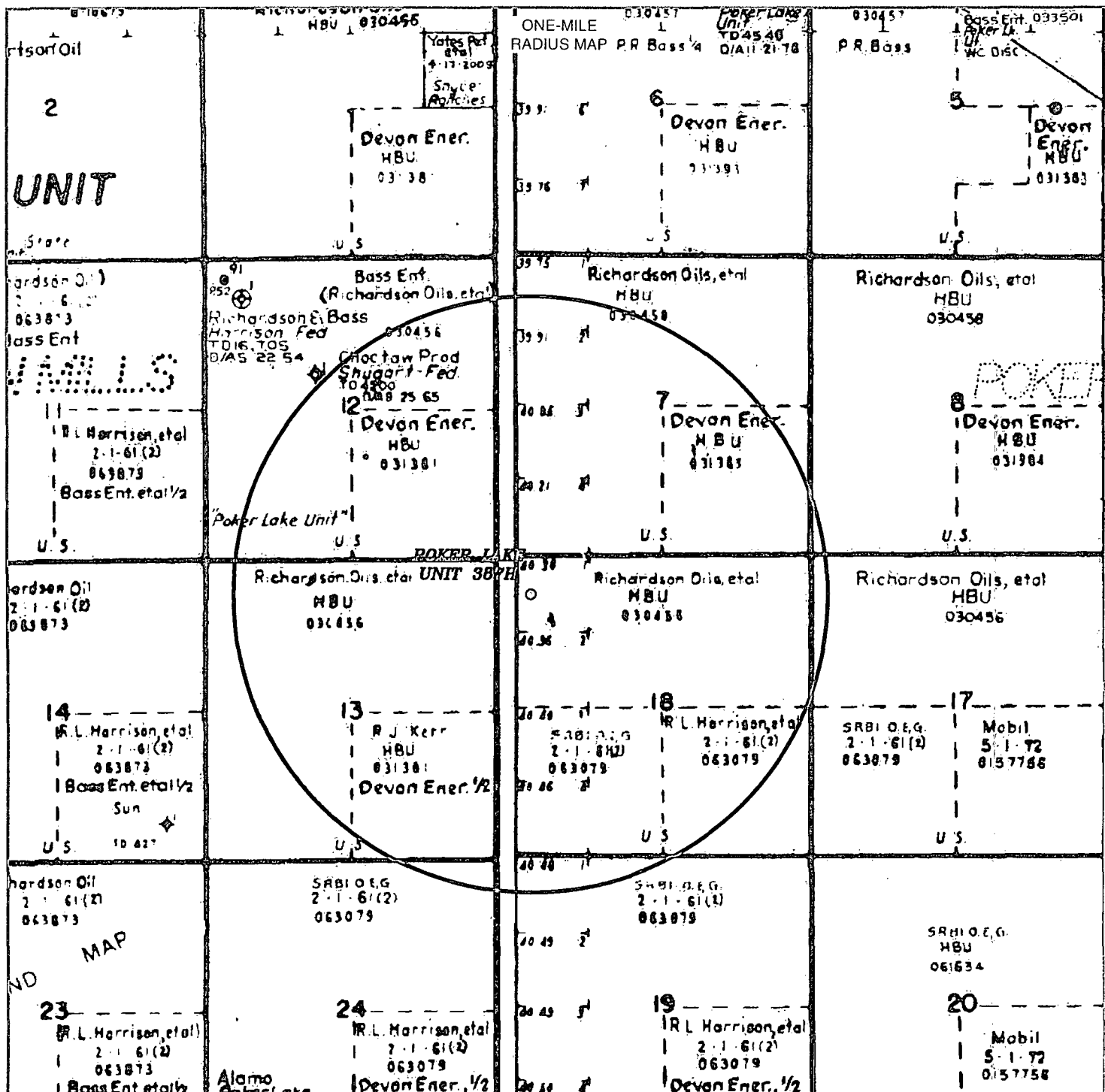
Survey Date: 07-02-2012

Scale: 1" = 2000'

Date: 07-05-2012

BOPCO, L.P.

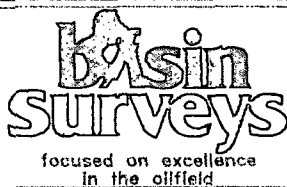
Sheet 2 of 6 Sheets



POKER LAKE UNIT 387H

Located 660' FNL and 200' FWL

Section 18, Township 25 South, Range 31 East,
N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 -- Office
(575) 392-2206 -- Fax
basinsurveys.com

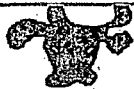
W.O. Number: DAJ 26958

Scale: None

YELLOW TINT -- USA LAND
BLUE TINT -- STATE LAND
NATURAL COLOR -- FEE LAND

BOPCO, L.P.

Sheet 5 of 6 Sheets



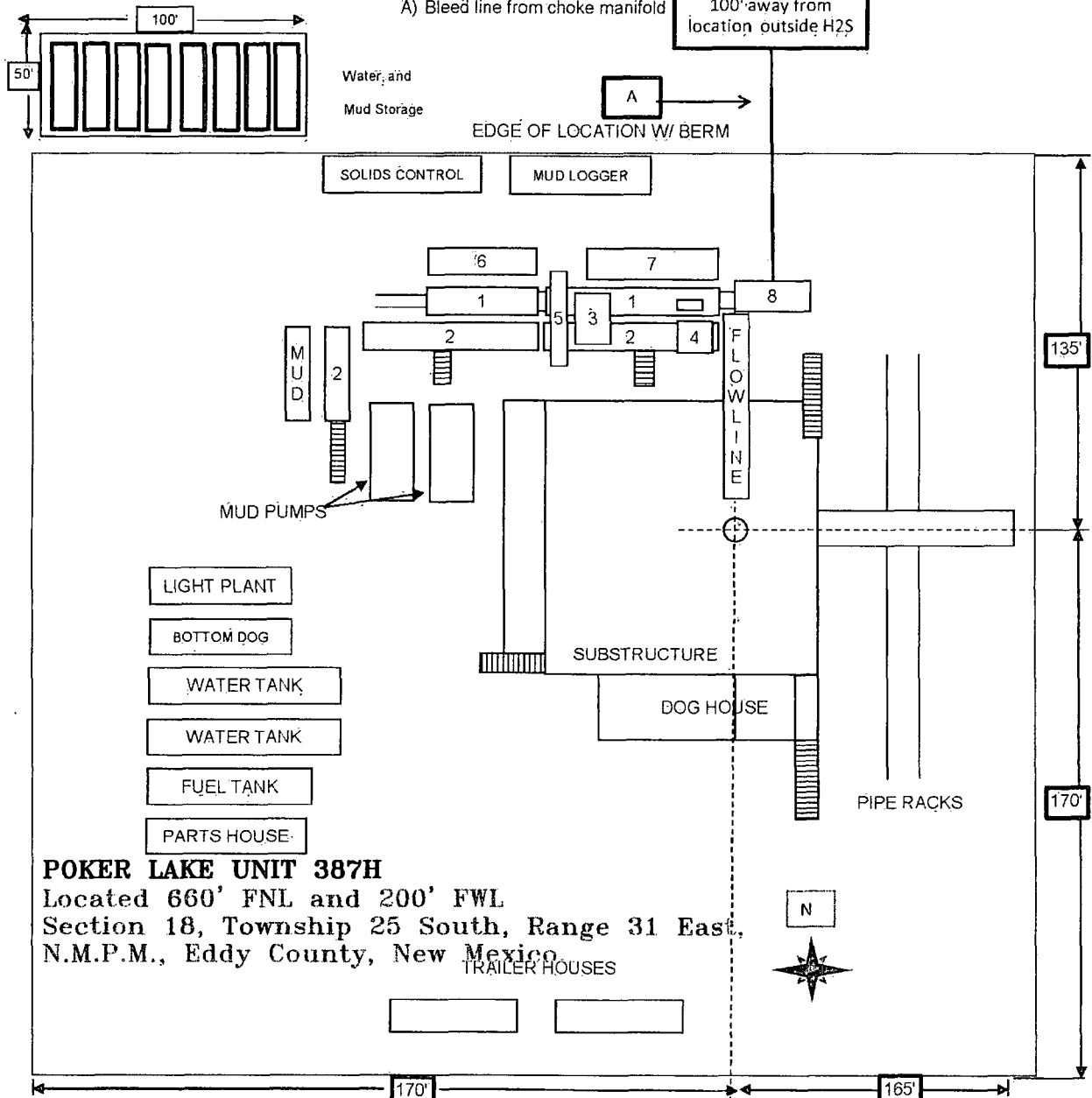
RIG LAYOUT

Exhibit "D"

RIG LAYOUT SCHEMATIC INCLUSIVE OF CLOSED-LOOP DESIGN PLAN

Solids Control Equipment Legend

- | | |
|-----------------------------------|--------------------|
| 1) Roll Off Bin | 5) Centrifuge |
| 2) Steel Tank | 6) Dewatering Unit |
| 3) Mud Cleaner | 7) Catch Tank |
| 4) Shaker | 8) Choke Manifold |
| A) Bleed line from choke manifold | |



POKER LAKE UNIT 387H

Located 660' FNL and 200' FWL
Section 18, Township 25 South, Range 31 East,
N.M.P.M., Eddy County, New Mexico

TRAILER HOUSES

basin
surveys
focused on excellence
in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: DAJ 26958

Survey Date: 07-02-2012

Scale: 1" = 2000'

Date: 07-05-2012

BOPCO, L.P.

Sheet 6 of 6 Sheets



Weatherford®

Drilling Services

Proposal

BOPCO, L.P.

POKER LAKE UNIT 387H

EDDY CO, NM

WELL FILE: **PLAN 1**

SEPTEMBER 16, 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 387H
Eddy Co, NM



Weatherford

SECTION DETAILS

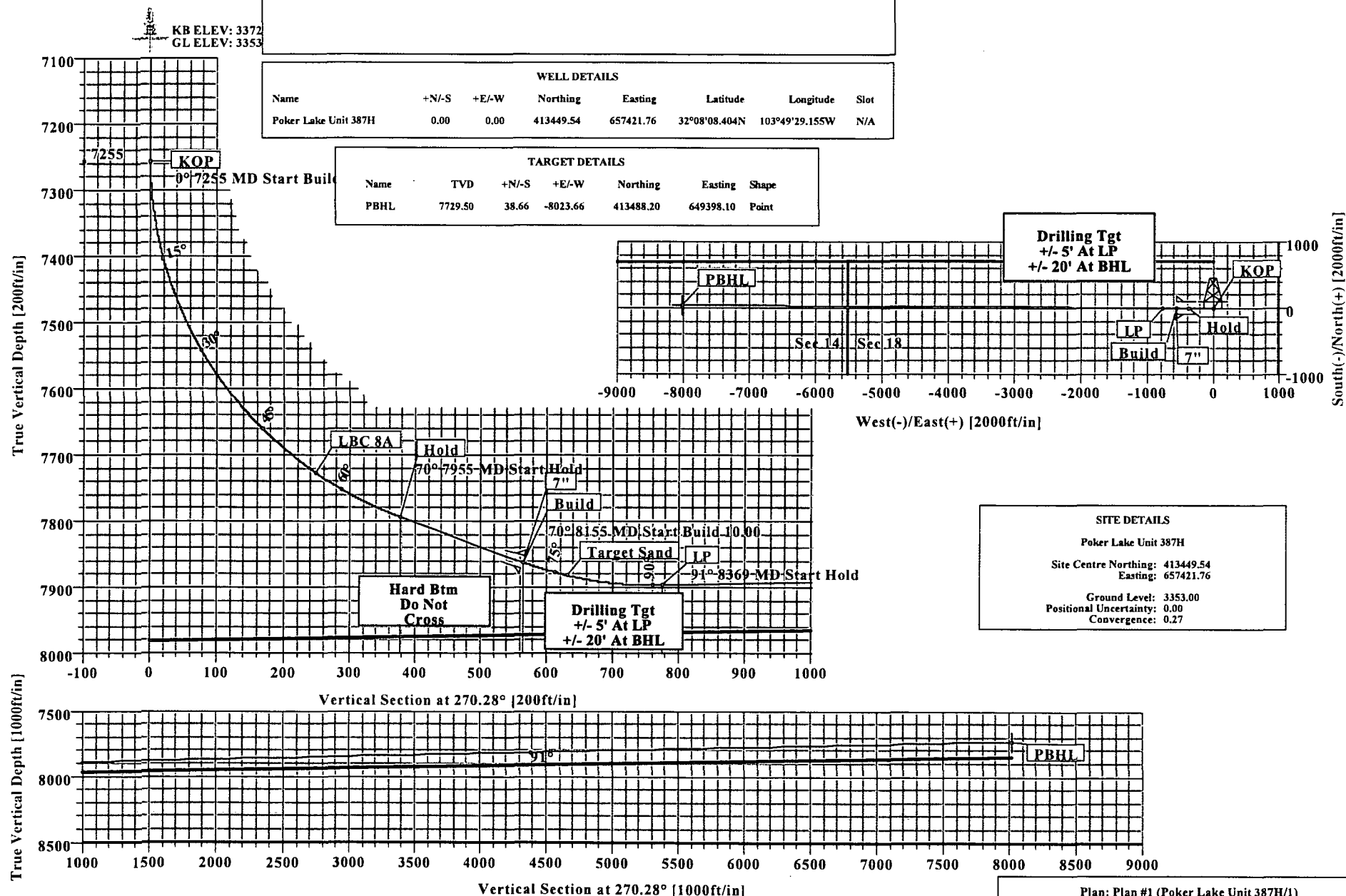
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	270.28	0.00	0.00	0.00	0.00	0.00	0.00	
2	7255.34	0.00	270.28	7255.34	0.00	0.00	0.00	0.00	0.00	
3	7955.34	70.00	270.28	7793.74	1.82	-376.99	10.00	270.28	376.99	
4	8155.34	70.00	270.28	7861.15	2.72	-564.93	0.00	0.00	564.93	
5	8368.54	91.32	270.28	7896.55	3.73	-774.09	10.00	0.00	774.10	
6	15620.12	91.32	270.28	7729.50	38.66	-8023.66	0.00	0.00	8023.75	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Poker Lake Unit 387H	0.00	0.00	413449.54	657421.76	32°08'08.404N	103°49'29.155W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	7729.50	38.66	-8023.66	413488.20	649398.10	Point



SITE DETAILS

Poker Lake Unit 387H
Site Centre Northing: 413449.54
Easting: 657421.76
Ground Level: 3353.00
Positional Uncertainty: 0.00
Convergence: 0.27

Plan: Plan #1 (Poker Lake Unit 387H/1)

Created By: Russell W. Joyner

Date: 9/14/2013

Weatherford

Wft Plan Report X Y's.



Weatherford

Company: BOPCO, L.P.	Date: 9/14/2013	Time: 07:47:39	Page: 1
Field: Eddy County, NM (Nad 27)	Co-ordinate(NE) Reference: Well: Poker Lake Unit 387H, Grid North		
Site: Poker Lake Unit 387H	Vertical (TVD) Reference: SITE 3372.0		
Well: Poker Lake Unit 387H	Section (VS) Reference: Well (0.00N,0.00E,270.28Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature		
		Db: Sybase	

Plan: Plan #1	Date Composed: 9/13/2013
	Version: 1
Principal: Yes	Tied-to: From Surface

Site:		Poker Lake Unit 387H							
Site Position:		Northing:	413449.54	ft	Latitude:	32	8	8.404	N
From:	Map	Easting:	657421.76	ft	Longitude:	103	49	29.155	W
Position Uncertainty:		0.00	ft		North Reference:		Grid		
Ground Level:		3353.00	ft		Grid Convergence:		0.27 deg		

Well: Poker Lake Unit 387H	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 32 8 8.404 N
+E/-W 0.00 ft	Longitude: 103 49 29.155 W
Position Uncertainty: 0.00 ft	

Wellpath: 1		Drilled From: Surface	
		Tie-on Depth: 0.00 ft	
Current Datum: SITE	Height3372.00 ft	Above System Datum: Mean Sea Level	
Magnetic Data: 10/1/2013		Declination: 7.42 deg	
Field Strength: 48331 nT		Mag Dip Angle: 60.00 deg	
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0.00	0.00	0.00	270.28

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	270.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7255.34	0.00	270.28	7255.34	0.00	0.00	0.00	0.00	0.00	0.00	
7955.34	70.00	270.28	7793.74	1.82	-376.99	10.00	10.00	0.00	270.28	
8155.34	70.00	270.28	7862.15	2.72	-564.93	0.00	0.00	0.00	0.00	
8368.54	91.32	270.28	7896.55	3.73	-774.09	10.00	10.00	0.00	0.00	
15620.12	91.32	270.28	7729.50	38.66	-8023.66	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
7200.00	0.00	270.28	7200.00	0.00	0.00	0.00	0.00	413449.54	657421.76	
7255.34	0.00	270.28	7255.34	0.00	0.00	0.00	0.00	413449.54	657421.76	KOP
7300.00	4.47	270.28	7299.95	0.01	-1.74	1.74	10.00	413449.55	657420.02	
7400.00	14.47	270.28	7398.47	0.09	-18.16	18.17	10.00	413449.63	657403.60	
7500.00	24.47	270.28	7492.63	0.25	-51.45	51.45	10.00	413449.79	657370.31	
7600.00	34.47	270.28	7579.59	0.48	-100.57	100.58	10.00	413450.02	657321.19	
7700.00	44.47	270.28	7656.69	0.79	-164.06	164.06	10.00	413450.33	657257.70	
7800.00	54.47	270.28	7721.60	1.16	-239.96	239.96	10.00	413450.70	657181.80	
7809.41	55.41	270.28	7727.00	1.19	-247.66	247.66	10.00	413450.73	657174.10	LBC 8A
7900.00	64.47	270.28	7772.34	1.57	-325.98	325.99	10.00	413451.11	657095.78	
7955.34	70.00	270.28	7793.74	1.82	-376.99	376.99	10.00	413451.36	657044.77	Hold
8000.00	70.00	270.28	7809.02	2.02	-418.96	418.96	0.00	413451.56	657002.80	
8100.00	70.00	270.28	7843.22	2.47	-512.92	512.93	0.00	413452.01	656908.84	
8155.34	70.00	270.28	7862.15	2.72	-564.93	564.93	0.00	413452.26	656856.83	7"
8200.00	74.47	270.28	7875.77	2.93	-607.45	607.45	10.00	413452.47	656814.31	
8225.27	76.99	270.28	7882.00	3.04	-631.93	631.94	10.00	413452.58	656789.83	Target Sand
8300.00	84.47	270.28	7894.03	3.40	-705.63	705.64	10.00	413452.94	656716.13	
8368.54	91.32	270.28	7896.55	3.73	-774.09	774.10	10.00	413453.27	656647.67	LP
8400.00	91.32	270.28	7895.82	3.88	-805.54	805.55	0.00	413453.42	656616.22	
8500.00	91.32	270.28	7893.52	4.36	-905.51	905.52	0.00	413453.90	656516.25	
8600.00	91.32	270.28	7891.22	4.84	-1005.48	1005.49	0.00	413454.38	656416.28	

Weatherford

Wft Plan Report X Y's.



Weatherford

Company: BOPCO, L.P.
Field: Eddy County, NM (Nad 27)
Site: Poker Lake Unit 387H
Well: Poker Lake Unit 387H
Wellpath: 1

Date: 9/14/2013 Time: 07:47:39 Page: 2
Co-ordinate(NE) Reference: Well: Poker Lake Unit 387H, Grid North
Vertical (TVD) Reference: SITE 3372.0
Section (VS) Reference: Well (0.00N,0.00E,270.28Azi)
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
8700.00	91.32	270.28	7888.91	5.33	-1105.45	1105.47	0.00	413454.87	656316.31	
8800.00	91.32	270.28	7886.61	5.81	-1205.43	1205.44	0.00	413455.35	656216.33	
8900.00	91.32	270.28	7884.31	6.29	-1305.40	1305.41	0.00	413455.83	656116.36	
9000.00	91.32	270.28	7882.00	6.77	-1405.37	1405.39	0.00	413456.31	656016.39	
9100.00	91.32	270.28	7879.70	7.25	-1505.34	1505.36	0.00	413456.79	655916.42	
9200.00	91.32	270.28	7877.40	7.73	-1605.32	1605.33	0.00	413457.27	655816.44	
9300.00	91.32	270.28	7875.09	8.22	-1705.29	1705.31	0.00	413457.76	655716.47	
9400.00	91.32	270.28	7872.79	8.70	-1805.26	1805.28	0.00	413458.24	655616.50	
9500.00	91.32	270.28	7870.48	9.18	-1905.23	1905.26	0.00	413458.72	655516.53	
9600.00	91.32	270.28	7868.18	9.66	-2005.21	2005.23	0.00	413459.20	655416.55	
9700.00	91.32	270.28	7865.88	10.14	-2105.18	2105.20	0.00	413459.68	655316.58	
9800.00	91.32	270.28	7863.57	10.62	-2205.15	2205.18	0.00	413460.16	655216.61	
9900.00	91.32	270.28	7861.27	11.11	-2305.12	2305.15	0.00	413460.65	655116.64	
10000.00	91.32	270.28	7858.97	11.59	-2405.09	2405.12	0.00	413461.13	655016.67	
10100.00	91.32	270.28	7856.66	12.07	-2505.07	2505.10	0.00	413461.61	654916.69	
10200.00	91.32	270.28	7854.36	12.55	-2605.04	2605.07	0.00	413462.09	654816.72	
10300.00	91.32	270.28	7852.06	13.03	-2705.01	2705.04	0.00	413462.57	654716.75	
10400.00	91.32	270.28	7849.75	13.52	-2804.98	2805.02	0.00	413463.06	654616.78	
10500.00	91.32	270.28	7847.45	14.00	-2904.96	2904.99	0.00	413463.54	654516.80	
10600.00	91.32	270.28	7845.15	14.48	-3004.93	3004.96	0.00	413464.02	654416.83	
10700.00	91.32	270.28	7842.84	14.96	-3104.90	3104.94	0.00	413464.50	654316.86	
10800.00	91.32	270.28	7840.54	15.44	-3204.87	3204.91	0.00	413464.98	654216.89	
10900.00	91.32	270.28	7838.23	15.92	-3304.85	3304.88	0.00	413465.46	654116.91	
11000.00	91.32	270.28	7835.93	16.41	-3404.82	3404.86	0.00	413465.95	654016.94	
11100.00	91.32	270.28	7833.63	16.89	-3504.79	3504.83	0.00	413466.43	653916.97	
11200.00	91.32	270.28	7831.32	17.37	-3604.76	3604.80	0.00	413466.91	653817.00	
11300.00	91.32	270.28	7829.02	17.85	-3704.73	3704.78	0.00	413467.39	653717.03	
11400.00	91.32	270.28	7826.72	18.33	-3804.71	3804.75	0.00	413467.87	653617.05	
11500.00	91.32	270.28	7824.41	18.81	-3904.68	3904.72	0.00	413468.35	653517.08	
11600.00	91.32	270.28	7822.11	19.30	-4004.65	4004.70	0.00	413468.84	653417.11	
11700.00	91.32	270.28	7819.81	19.78	-4104.62	4104.67	0.00	413469.32	653317.14	
11800.00	91.32	270.28	7817.50	20.26	-4204.60	4204.64	0.00	413469.80	653217.16	
11900.00	91.32	270.28	7815.20	20.74	-4304.57	4304.62	0.00	413470.28	653117.19	
12000.00	91.32	270.28	7812.89	21.22	-4404.54	4404.59	0.00	413470.76	653017.22	
12100.00	91.32	270.28	7810.59	21.70	-4504.51	4504.57	0.00	413471.24	652917.25	
12200.00	91.32	270.28	7808.29	22.19	-4604.49	4604.54	0.00	413471.73	652817.27	
12300.00	91.32	270.28	7805.98	22.67	-4704.46	4704.51	0.00	413472.21	652717.30	
12400.00	91.32	270.28	7803.68	23.15	-4804.43	4804.49	0.00	413472.69	652617.33	
12500.00	91.32	270.28	7801.38	23.63	-4904.40	4904.46	0.00	413473.17	652517.36	
12600.00	91.32	270.28	7799.07	24.11	-5004.37	5004.43	0.00	413473.65	652417.39	
12700.00	91.32	270.28	7796.77	24.59	-5104.35	5104.41	0.00	413474.13	652317.41	
12800.00	91.32	270.28	7794.47	25.08	-5204.32	5204.38	0.00	413474.62	652217.44	
12900.00	91.32	270.28	7792.16	25.56	-5304.29	5304.35	0.00	413475.10	652117.47	
13000.00	91.32	270.28	7789.86	26.04	-5404.26	5404.33	0.00	413475.58	652017.50	
13100.00	91.32	270.28	7787.55	26.52	-5504.24	5504.30	0.00	413476.06	651917.52	
13200.00	91.32	270.28	7785.25	27.00	-5604.21	5604.27	0.00	413476.54	651817.55	
13300.00	91.32	270.28	7782.95	27.48	-5704.18	5704.25	0.00	413477.02	651717.58	
13400.00	91.32	270.28	7780.64	27.97	-5804.15	5804.22	0.00	413477.51	651617.61	
13500.00	91.32	270.28	7778.34	28.45	-5904.13	5904.19	0.00	413477.99	651517.63	
13600.00	91.32	270.28	7776.04	28.93	-6004.10	6004.17	0.00	413478.47	651417.66	
13700.00	91.32	270.28	7773.73	29.41	-6104.07	6104.14	0.00	413478.95	651317.69	
13800.00	91.32	270.28	7771.43	29.89	-6204.04	6204.11	0.00	413479.43	651217.72	
13900.00	91.32	270.28	7769.13	30.37	-6304.01	6304.09	0.00	413479.91	651117.75	

Weatherford

Wft Plan Report X Y's.



Weatherford

Company: BOPCO, L.P. Field: Eddy County, NM (Nad 27) Site: Poker Lake Unit 387H Well: Poker Lake Unit 387H Wellpath: 1	Date: 9/14/2013 Time: 07:47:39 Page: 3 Co-ordinate(NE) Reference: Well: Poker Lake Unit 387H, Grid North Vertical (TVD) Reference: SITE 3372.0 Section (VS) Reference: Well (0.00N,0.00E,270.28Azi) 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
14000.00	91.32	270.28	7766.82	30.86	-6403.99	6404.06	0.00	413480.40	651017.77	
14100.00	91.32	270.28	7764.52	31.34	-6503.96	6504.03	0.00	413480.88	650917.80	
14200.00	91.32	270.28	7762.21	31.82	-6603.93	6604.01	0.00	413481.36	650817.83	
14300.00	91.32	270.28	7759.91	32.30	-6703.90	6703.98	0.00	413481.84	650717.86	
14400.00	91.32	270.28	7757.61	32.78	-6803.88	6803.95	0.00	413482.32	650617.88	
14500.00	91.32	270.28	7755.30	33.26	-6903.85	6903.93	0.00	413482.80	650517.91	
14600.00	91.32	270.28	7753.00	33.75	-7003.82	7003.90	0.00	413483.29	650417.94	
14700.00	91.32	270.28	7750.70	34.23	-7103.79	7103.88	0.00	413483.77	650317.97	
14800.00	91.32	270.28	7748.39	34.71	-7203.77	7203.85	0.00	413484.25	650217.99	
14900.00	91.32	270.28	7746.09	35.19	-7303.74	7303.82	0.00	413484.73	650118.02	
15000.00	91.32	270.28	7743.79	35.67	-7403.71	7403.80	0.00	413485.21	650018.05	
15100.00	91.32	270.28	7741.48	36.15	-7503.68	7503.77	0.00	413485.69	649918.08	
15200.00	91.32	270.28	7739.18	36.64	-7603.65	7603.74	0.00	413486.18	649818.11	
15300.00	91.32	270.28	7736.87	37.12	-7703.63	7703.72	0.00	413486.66	649718.13	
15400.00	91.32	270.28	7734.57	37.60	-7803.60	7803.69	0.00	413487.14	649618.16	
15500.00	91.32	270.28	7732.27	38.08	-7903.57	7903.66	0.00	413487.62	649518.19	
15600.00	91.32	270.28	7729.96	38.56	-8003.54	8003.64	0.00	413488.10	649418.22	
15620.12	91.32	270.28	7729.50	38.66	-8023.66	8023.75	0.00	413488.20	649398.10	PBHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->		<--- Longitude --->	
PBHL		7729.50	38.66	-8023.66	413488.20	649398.10	32	8	9.152	N 103 51 2.466 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
8155.34	7862.15	7.000	8.500	7"

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
7809.41	7727.00	LBC 8A		0.00	0.00
8225.27	7882.00	Target Sand		0.00	0.00

Annotation

MD ft	TVD ft	
7255.34	7255.34	KOP
7955.34	7793.74	Hold
8155.34	7862.15	Build
8368.54	7896.55	LP
15620.12	7729.50	PBHL

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

GeoDec v5.03

Report Date: September 13, 2013
Job Number: _____
Customer: BOPCO
Well Name: Poker Lake Unit 387H
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 413449.540 USFT	Latitude 32.1356678 DEG
East/West 657421.760 USFT	Longitude -103.8247652 DEG
Grid Convergence: .27°	
Total Correction: +7.25°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.13567° N	32° 8 min 8.404 sec
Longitude =	103.82477° W	103° 49 min 29.155 sec

Magnetic Declination =	7.52°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6848
Local Field Strength =	48316 nT	Magnetic Vector X = 23957 nT
Magnetic Dip =	59.99°	Magnetic Vector Y = 3165 nT
Magnetic Model =	bggm2013	Magnetic Vector Z = 41838 nT
Spud Date =	Oct 01, 2013	Magnetic Vector H = 24165 nT

Signed: _____

Date: _____