

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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM030457
2. Name of Operator BOPCO LP		6. If Indian, Allottee or Tribe Name
Contact: KATY HOLSTER E-Mail: keholster@basspet.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-683-2277	8. Well Name and No. POKER LAKE UNIT 303H
4. Location of Well (Footage, Sec., T, R, M., or Survey Description) Sec 4 T25S R31E SESW 1264FSL 2310FWL UL N		9. API Well No. 30-015-37646-00-X1
		10. Field and Pool, or Exploratory COTTON DRAW
		11. County or Parish, and State EDDY COUNTY, NM

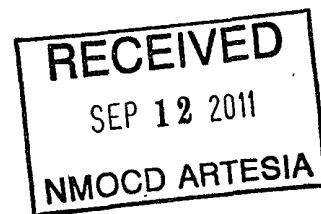
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat 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. The new bottom hole location will be located in the NENE, UL A, 350' FNL, 1100' FEL of Sec 5, T25S-R31E, Lat: N32.165844, Long: W103.794356. Attached is a copy of the new survey plats showing the new bottom hole location.
COB000050.

RD 09/13/2011
Accepted for record
NMOC



14. I hereby certify that the foregoing is true and correct Electronic Submission #115476 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/19/2011 (11DLM1212SE)	
Name (Printed/Typed) PETE A LENSING	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 08/18/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 09/06/2011
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 Carlsbad

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

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****



BOPCO, L.P.

Location : Eddy County, NM
Field : Poker Lake Unit
Facility : Poker Lake Unit No. 303H

Slot : No 303H SHL
Well : No 303H
Wellbore : No 303H PWB



N
GMD
W E
Magnetic North is 7.89 degrees East of True North (at 1/12/2011)
Grid North is 0.29 degrees East of True North
To correct azimuth from True to Grid subtract 0.29 degrees
To correct azimuth from Magnetic to Grid add 7.60 degrees
For example if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.60 = 97.60

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	22.00	0.000	317.745	22.00	0.00	0.00	0.00	0.00
Est KOP	7573.00	0.000	317.745	7573.00	0.00	0.00	0.00	0.00
EOC	8322.27	90.000	317.745	8050.00	353.06	-320.75	12.01	477.00
No 303H Target #1	8475.27	90.000	317.745	8050.00	466.30	-423.63	0.00	630.00
Build	8522.37	90.942	317.745	8049.61	501.16	-455.30	2.00	677.09
No 303H Target #2	9715.43	90.942	317.745	8030.00	1384.10	-1257.45	0.00	1870.00
Build	9720.32	91.040	317.745	8029.92	1387.72	-1260.73	2.00	1874.89
No 303H Target #3	11754.77	91.040	317.745	7993.00	2893.28	-2628.53	0.00	3909.00
Build	11761.78	90.900	317.745	7992.88	2898.47	-2633.25	2.00	3916.01
No 303H PBHL	12837.08	90.900	317.745	7976.00	3894.28	-3356.20	0.00	4991.18

Plot reference wellpath is Prelim. 1

True vertical depths are referenced to Rig on No. 303H SHL (KB)

Measured depths are referenced to Rig on No. 303H SHL (KB)

Rig on No. 303H SHL (KB) to Mean Sea Level 3433 feet

Mean Sea Level to Mud line (At Slot No. 303H SHL) -3411 feet

Coordinates are in feet referenced to Slot

Grid System NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet

North Reference Grid north

Scale True distance

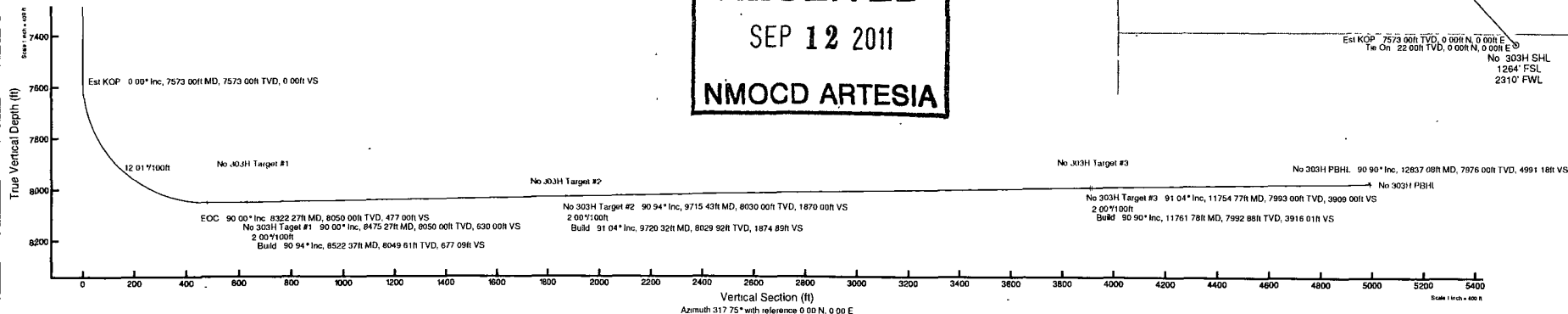
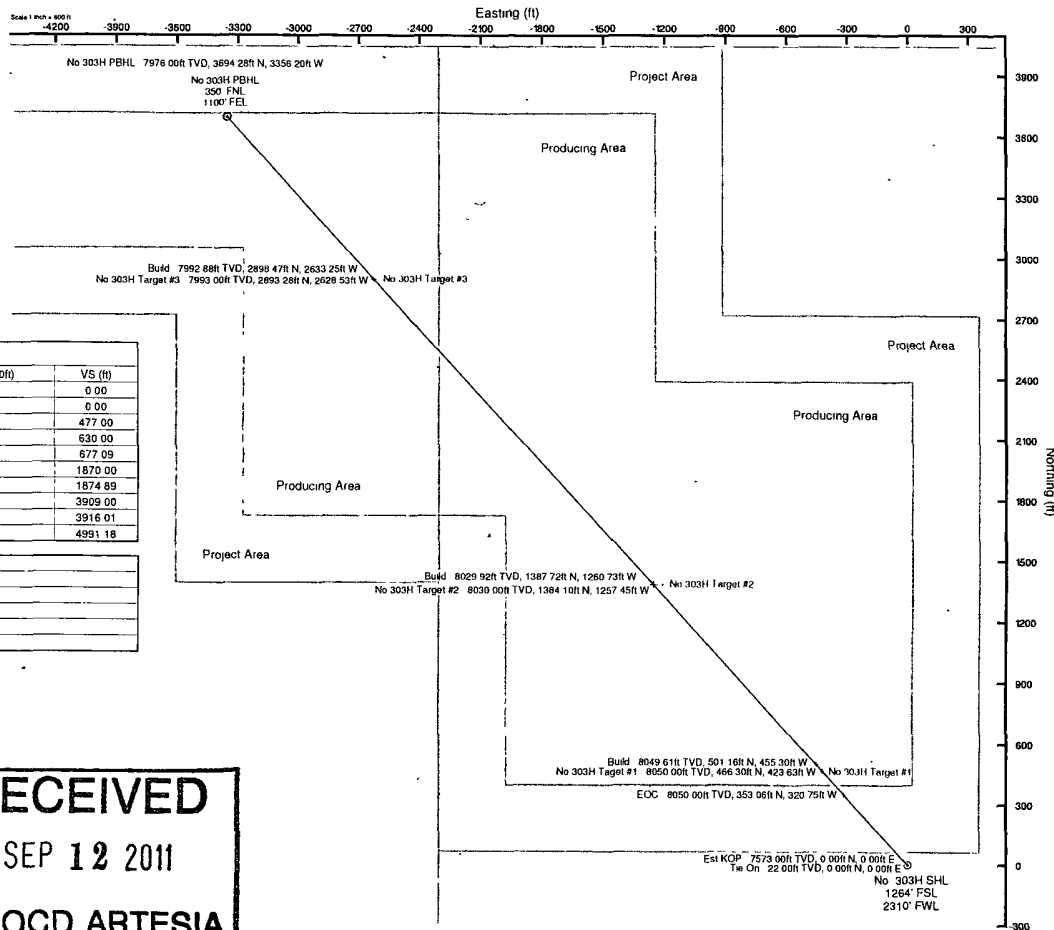
Depths are in feet

Created by: genbry on 8/10/2011

RECEIVED

SEP 12 2011

NMOCD ARTESIA





Planned Wellpath Report

Prelim_1

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 303H SHL
Area	Eddy County, NM	Well	No. 303H
Field	Poker Lake Unit	Wellbore	No.303H PWB
Facility	Poker Lake Unit No. 303H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 3.0.0
North Reference	Grid	User	Gentbry
Scale	0.999942	Report Generated	8/10/2011 at 3:30:35 PM
Convergence at slot	0.29° East	Database/Source file	WA Midland/No.303H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W
Facility Reference Pt			670135.48	420778.45	32°09'20.313"N	103°47'00.862"W
Field Reference Pt			630272.49	405347.85	32°06'49.387"N	103°54'45.266"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 303H SHL (KB) to GL	22.00ft
Horizontal Reference Pt	Slot	Rig on No. 303H SHL (KB) to Mean Sea Level	3433.00ft
Vertical Reference Pt	Rig on No. 303H SHL (KB)	Rig on No. 303H SHL (KB) to Mud Line at Slot (No. 303H SHL)	22.00ft
MD Reference Pt	Rig on No. 303H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	317.75°



Planned Wellpath Report

Prelim_1
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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 303H SHL
Area	Eddy County, NM	Well	No. 303H
Field	Poker Lake Unit	Wellbore	No.303H PWB
Facility	Poker Lake Unit No. 303H		

WELLPATH DATA (148 stations) * = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	317.745	0.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
22.00	0.000	317.745	22.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	Tie On
122.00†	0.000	317.745	122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
222.00†	0.000	317.745	222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
322.00†	0.000	317.745	322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
422.00†	0.000	317.745	422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
460.00†	0.000	317.745	460.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	T/Rustler
522.00†	0.000	317.745	522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
622.00†	0.000	317.745	622.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
722.00†	0.000	317.745	722.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
822.00†	0.000	317.745	822.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
840.00†	0.000	317.745	840.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	T/Salt
922.00†	0.000	317.745	922.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1022.00†	0.000	317.745	1022.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1122.00†	0.000	317.745	1122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1222.00†	0.000	317.745	1222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1322.00†	0.000	317.745	1322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1422.00†	0.000	317.745	1422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1522.00†	0.000	317.745	1522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1622.00†	0.000	317.745	1622.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1722.00†	0.000	317.745	1722.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1822.00†	0.000	317.745	1822.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
1922.00†	0.000	317.745	1922.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2022.00†	0.000	317.745	2022.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2122.00†	0.000	317.745	2122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2222.00†	0.000	317.745	2222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2322.00†	0.000	317.745	2322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2422.00†	0.000	317.745	2422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2522.00†	0.000	317.745	2522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2622.00†	0.000	317.745	2622.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2722.00†	0.000	317.745	2722.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2822.00†	0.000	317.745	2822.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
2922.00†	0.000	317.745	2922.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3022.00†	0.000	317.745	3022.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3122.00†	0.000	317.745	3122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3222.00†	0.000	317.745	3222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3322.00†	0.000	317.745	3322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3422.00†	0.000	317.745	3422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3522.00†	0.000	317.745	3522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3622.00†	0.000	317.745	3622.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3722.00†	0.000	317.745	3722.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3822.00†	0.000	317.745	3822.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
3922.00†	0.000	317.745	3922.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4022.00†	0.000	317.745	4022.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4096.00†	0.000	317.745	4096.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	B/Salt



Planned Wellpath Report

Prelim_1

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 303H SHL
Area	Eddy County, NM	Well	No. 303H
Field	Poker Lake Unit	Wellbore	No.303H PWB
Facility	Poker Lake Unit No. 303H		

WELLPATH DATA (148 stations) = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4122.00†	0.000	317.745	4122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4222.00†	0.000	317.745	4222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4311.00†	0.000	317.745	4311.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	T/Lamar
4322.00†	0.000	317.745	4322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4349.00†	0.000	317.745	4349.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	T/Ramsey
4422.00†	0.000	317.745	4422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4522.00†	0.000	317.745	4522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4622.00†	0.000	317.745	4622.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4722.00†	0.000	317.745	4722.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4822.00†	0.000	317.745	4822.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
4922.00†	0.000	317.745	4922.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5022.00†	0.000	317.745	5022.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5122.00†	0.000	317.745	5122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5222.00†	0.000	317.745	5222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5322.00†	0.000	317.745	5322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5422.00†	0.000	317.745	5422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5522.00†	0.000	317.745	5522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5622.00†	0.000	317.745	5622.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5722.00†	0.000	317.745	5722.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5822.00†	0.000	317.745	5822.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
5922.00†	0.000	317.745	5922.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6022.00†	0.000	317.745	6022.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6122.00†	0.000	317.745	6122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6222.00†	0.000	317.745	6222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6322.00†	0.000	317.745	6322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6422.00†	0.000	317.745	6422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6522.00†	0.000	317.745	6522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6596.00†	0.000	317.745	6596.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	T/Lower Cherry Canyon
6622.00†	0.000	317.745	6622.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6722.00†	0.000	317.745	6722.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6822.00†	0.000	317.745	6822.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
6922.00†	0.000	317.745	6922.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
7022.00†	0.000	317.745	7022.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
7122.00†	0.000	317.745	7122.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
7222.00†	0.000	317.745	7222.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
7322.00†	0.000	317.745	7322.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
7422.00†	0.000	317.745	7422.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
7522.00†	0.000	317.745	7522.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	
7573.00	0.000	317.745	7573.00	0.00	0.00	0.00	670135.48	420778.45	32°09'20.313"N	103°47'00.862"W	0.00	Est KOP
7622.00†	5.886	317.745	7621.91	2.51	1.86	-1.69	670133.79	420780.31	32°09'20.332"N	103°47'00.882"W	12.01	
7722.00†	17.897	317.745	7719.59	23.08	17.09	-15.52	670119.96	420795.53	32°09'20.483"N	103°47'01.042"W	12.01	
7822.00†	29.909	317.745	7810.84	63.53	47.02	-42.72	670092.76	420825.47	32°09'20.781"N	103°47'01.356"W	12.01	
7922.00†	41.921	317.745	7891.69	122.08	90.36	-82.09	670053.40	420868.80	32°09'21.211"N	103°47'01.812"W	12.01	
8019.34†	53.613	317.745	7957.00	194.03	143.61	-130.47	670005.02	420922.05	32°09'21.741"N	103°47'02.371"W	12.01	T/Lwr Brushy Canyon 8A
8022.00†	53.933	317.745	7958.57	196.17	145.20	-131.91	670003.58	420923.64	32°09'21.757"N	103°47'02.388"W	12.01	



Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	BOPCO, L.P.	Slot	No. 303H SHL
Area	Eddy County, NM	Well	No. 303H
Field	Poker Lake Unit	Wellbore	No.303H PWB
Facility	Poker Lake Unit No. 303H		

WELLPATH DATA (148 stations) * = interpolated/extrapolated station												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8122.00†	65.944	317.745	8008.57	282.56	209.14	-190.00	669945.49	420987.58	32°09'22.392"N	103°47'03.060"W	12.01	
8222.00†	77.956	317.745	8039.50	377.47	279.39	-253.82	669881.67	421057.82	32°09'23.091"N	103°47'03.798"W	12.01	
8234.79†	79.492	317.745	8042.00	390.01	288.67	-262.25	669873.24	421067.10	32°09'23.183"N	103°47'03.895"W	12.01	T/Lwr Brushy Canyon W Sand
8322.00†	89.968	317.745	8050.00	476.73	352.86	-320.57	669814.93	421131.29	32°09'23.821"N	103°47'04.570"W	12.01	
8322.27	90.000	317.745	8050.00	477.00	353.06	-320.75	669814.75	421131.48	32°09'23.823"N	103°47'04.572"W	12.01	EOC
8422.00†	90.000	317.745	8050.00	576.73	426.87	-387.81	669747.69	421205.30	32°09'24.557"N	103°47'05.348"W	0.00	
8475.27	90.000	317.745	8050.00	630.00	466.30	-423.63	669711.87	421244.72	32°09'24.949"N	103°47'05.762"W	0.00	No 303H Target #1
8522.00†	90.935	317.745	8049.62	676.73	500.89	-455.05	669680.45	421279.31	32°09'25.293"N	103°47'06.125"W	2.00	
8522.37	90.942	317.745	8049.61	677.09	501.16	-455.30	669680.21	421279.58	32°09'25.295"N	103°47'06.128"W	2.00	Build
8622.00†	90.942	317.745	8047.97	776.71	574.89	-522.29	669613.22	421353.31	32°09'26.028"N	103°47'06.903"W	0.00	
8722.00†	90.942	317.745	8046.33	876.70	648.90	-589.52	669545.99	421427.31	32°09'26.764"N	103°47'07.681"W	0.00	
8822.00†	90.942	317.745	8044.69	976.69	722.90	-656.76	669478.76	421501.31	32°09'27.500"N	103°47'08.458"W	0.00	
8922.00†	90.942	317.745	8043.04	1076.67	796.91	-723.99	669411.53	421575.31	32°09'28.235"N	103°47'09.236"W	0.00	
8985.46†	90.942	317.745	8042.00	1140.13	843.88	-766.66	669368.87	421622.28	32°09'28.702"N	103°47'09.730"W	0.00	T/Lwr Brushy Canyon W Sand
9022.00†	90.942	317.745	8041.40	1176.66	870.92	-791.22	669344.30	421649.31	32°09'28.971"N	103°47'10.014"W	0.00	
9122.00†	90.942	317.745	8039.76	1276.65	944.92	-858.46	669277.07	421723.32	32°09'29.707"N	103°47'10.791"W	0.00	
9222.00†	90.942	317.745	8038.11	1376.63	1018.93	-925.69	669209.84	421797.32	32°09'30.443"N	103°47'11.569"W	0.00	
9322.00†	90.942	317.745	8036.47	1476.62	1092.93	-992.93	669142.61	421871.32	32°09'31.178"N	103°47'12.347"W	0.00	
9422.00†	90.942	317.745	8034.82	1576.61	1166.94	-1060.16	669075.38	421945.32	32°09'31.914"N	103°47'13.125"W	0.00	
9522.00†	90.942	317.745	8033.18	1676.59	1240.95	-1127.39	669008.15	422019.32	32°09'32.650"N	103°47'13.902"W	0.00	
9622.00†	90.942	317.745	8031.54	1776.58	1314.95	-1194.63	668940.92	422093.32	32°09'33.385"N	103°47'14.680"W	0.00	
9715.43	90.942	317.745	8030.00	1870.00	1384.10	-1257.45	668878.11	422162.47	32°09'34.073"N	103°47'15.407"W	0.00	No.303H Target #2
9720.32	91.040	317.745	8029.92	1874.89	1387.72	-1260.73	668874.82	422166.08	32°09'34.109"N	103°47'15.445"W	2.00	Build
9722.00†	91.040	317.745	8029.89	1876.57	1388.96	-1261.86	668873.69	422167.32	32°09'34.121"N	103°47'15.458"W	0.00	
9822.00†	91.040	317.745	8028.07	1976.55	1462.96	-1329.09	668806.47	422241.32	32°09'34.857"N	103°47'16.235"W	0.00	
9922.00†	91.040	317.745	8026.26	2076.53	1536.97	-1396.33	668739.24	422315.32	32°09'35.592"N	103°47'17.013"W	0.00	
10022.00†	91.040	317.745	8024.44	2176.52	1610.97	-1463.56	668672.01	422389.32	32°09'36.328"N	103°47'17.791"W	0.00	
10122.00†	91.040	317.745	8022.63	2276.50	1684.97	-1530.79	668604.78	422463.32	32°09'37.064"N	103°47'18.568"W	0.00	
10222.00†	91.040	317.745	8020.81	2376.48	1758.98	-1598.02	668537.55	422537.32	32°09'37.799"N	103°47'19.346"W	0.00	
10322.00†	91.040	317.745	8019.00	2476.47	1832.98	-1665.25	668470.33	422611.32	32°09'38.535"N	103°47'20.124"W	0.00	
10422.00†	91.040	317.745	8017.18	2576.45	1906.98	-1732.49	668403.10	422685.32	32°09'39.271"N	103°47'20.901"W	0.00	
10522.00†	91.040	317.745	8015.37	2676.43	1980.99	-1799.72	668335.87	422759.32	32°09'40.006"N	103°47'21.679"W	0.00	
10622.00†	91.040	317.745	8013.55	2776.42	2054.99	-1866.95	668268.64	422833.32	32°09'40.742"N	103°47'22.457"W	0.00	
10722.00†	91.040	317.745	8011.74	2876.40	2129.00	-1934.18	668201.41	422907.32	32°09'41.478"N	103°47'23.235"W	0.00	
10822.00†	91.040	317.745	8009.93	2976.38	2203.00	-2001.41	668134.19	422981.32	32°09'42.213"N	103°47'24.012"W	0.00	
10922.00†	91.040	317.745	8008.11	3076.37	2277.00	-2068.65	668066.96	423055.32	32°09'42.949"N	103°47'24.790"W	0.00	
11022.00†	91.040	317.745	8006.30	3176.35	2351.01	-2135.88	667999.73	423129.32	32°09'43.685"N	103°47'25.568"W	0.00	
11122.00†	91.040	317.745	8004.48	3276.34	2425.01	-2203.11	667932.50	423203.32	32°09'44.420"N	103°47'26.346"W	0.00	
11222.00†	91.040	317.745	8002.67	3376.32	2499.01	-2270.34	667865.27	423277.31	32°09'45.156"N	103°47'27.123"W	0.00	
11322.00†	91.040	317.745	8000.85	3476.30	2573.02	-2337.57	667798.04	423351.31	32°09'45.892"N	103°47'27.901"W	0.00	
11422.00†	91.040	317.745	7999.04	3576.29	2647.02	-2404.81	667730.82	423425.31	32°09'46.627"N	103°47'28.679"W	0.00	
11522.00†	91.040	317.745	7997.22	3676.27	2721.03	-2472.04	667663.59	423499.31	32°09'47.363"N	103°47'29.456"W	0.00	
11622.00†	91.040	317.745	7995.41	3776.25	2795.03	-2539.27	667596.36	423573.31	32°09'48.099"N	103°47'30.234"W	0.00	
11722.00†	91.040	317.745	7993.59	3876.24	2869.03	-2606.50	667529.13	423647.31	32°09'48.834"N	103°47'31.012"W	0.00	
11754.77	91.040	317.745	7993.00	3909.00	2893.28	-2628.53	667507.10	423671.56	32°09'49.075"N	103°47'31.267"W	0.00	No.303H Target #3



Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No. 303H SHL
Area	Eddy County, NM	Well	No. 303H
Field	Poker Lake Unit	Wellbore	No.303H PWB
Facility	Poker Lake Unit No. 303H		

WELLPATH DATA (148 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11761.78	90.900	317.746	7992.88	3916.01	2898.47	-2633.25	667502.39	423676.75	32°09'49.127"N	103°47'31.321"W	2.00	Build
11822.00†	90.900	317.746	7991.94	3976.22	2943.04	-2673.74	667461.90	423721.31	32°09'49.570"N	103°47'31.790"W	0.00	
11922.00†	90.900	317.746	7990.37	4076.21	3017.05	-2740.97	667394.67	423795.32	32°09'50.306"N	103°47'32.567"W	0.00	
12022.00†	90.900	317.746	7988.80	4176.20	3091.06	-2808.20	667327.45	423869.32	32°09'51.041"N	103°47'33.345"W	0.00	
12122.00†	90.900	317.746	7987.23	4276.19	3165.06	-2875.44	667260.22	423943.33	32°09'51.777"N	103°47'34.123"W	0.00	
12222.00†	90.900	317.746	7985.66	4376.17	3239.07	-2942.67	667192.99	424017.33	32°09'52.513"N	103°47'34.901"W	0.00	
12322.00†	90.900	317.746	7984.09	4476.16	3313.08	-3009.90	667125.76	424091.33	32°09'53.248"N	103°47'35.679"W	0.00	
12422.00†	90.900	317.746	7982.52	4576.15	3387.09	-3077.13	667058.53	424165.34	32°09'53.984"N	103°47'36.456"W	0.00	
12522.00†	90.900	317.746	7980.95	4676.14	3461.10	-3144.37	666991.30	424239.34	32°09'54.720"N	103°47'37.234"W	0.00	
12622.00†	90.900	317.746	7979.38	4776.12	3535.11	-3211.60	666924.07	424313.35	32°09'55.455"N	103°47'38.012"W	0.00	
12722.00†	90.900	317.746	7977.81	4876.11	3609.12	-3278.83	666856.84	424387.35	32°09'56.191"N	103°47'38.790"W	0.00	
12822.00†	90.900	317.746	7976.24	4976.10	3683.12	-3346.07	666789.61	424461.35	32°09'56.927"N	103°47'39.568"W	0.00	
12837.08	90.900	317.746	7976.00	4991.18	3694.28	-3356.20	666779.48	424472.51	32°09'57.038"N	103°47'39.685"W	0.00	No.303H PBHL

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
4) No.303H PBHL	12837.08	7976.00	3694.28	-3356.20	666779.48	424472.51	32°09'57.038"N	103°47'39.685"W	point
3) No.303H Target #3	11754.77	7993.00	2893.28	-2628.53	667507.10	423671.56	32°09'49.075"N	103°47'31.267"W	point
2) No.303H Target #2	9715.43	8030.00	1384.10	-1257.45	668878.11	422162.47	32°09'34.073"N	103°47'15.407"W	point
1) No.303H Target #1	8475.27	8050.00	466.30	-423.63	669711.87	421244.72	32°09'24.949"N	103°47'05.762"W	point

SURVEY PROGRAM - Ref Wellbore: No.303H PWB - Ref Wellpath: Prelim_1

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
22.00	12837.08	NaviTrak (Standard)		No.303H PWB