

OCD-ARTESIA

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB 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		5 Lease Serial No LC 068905 (BHL), LC 068545 (SL)
2 Name of Operator BOPCO, L. P.		6 If Indian, Allottee or Tribe Name
3a Address P. O. Box 2760 Midland, TX 79702	3b Phone No. (include area code) 432-683-2277	7 If Unit or CA/Agreement, Name and/or No NMNM 71016X
4 Location of Well (Footage, Sec., T, R, M, or Survey Description) SWNW, UL E, 1740' FNL, 1075' FWL, Sec 3, T24S-R30E, Lat:N32.279164, Long:W103.873603 1600' FNL, 900' FWL, Sec 11, T24S-R30E, Lat:32.235081, Long:103.856844		8 Well Name and No Poker Lake Unit 332H
		9 API Well No 30-015-39835
		10 Field and Pool, or Exploratory Area Poker Lake, Nash Draw (Del,Bs,Av)
		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			
☒ 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	

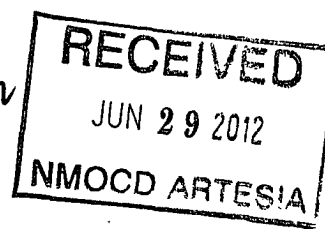
- 13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical 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 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 move the surface location for the Poker Lake 332H from its original location at 1,740' FNL & 1,075' FWL of Sec 3, T24S-R30E, Lat:N32.279164, Lg:W103.873603 to a new location. The new location is 1,150' FNL & 290' FWL of Sec 3, T24S-R30E, Lat:N32.250781, Lg:W103.876144. This new location is more than 1/2 mile away from measured potash ore. All aspects of the 8pt drilling program will remain the same as the APD that was submitted on 11-17-2011 and approved on 01-06-2012.

Attached are the new C-102 survey plats along with the new directional drilling plan.

COB 000050

Accepted for record
NMOCD



14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Jeremy Braden		Title Engineering Assistant	
Signature <i>Jeremy Braden</i>		Date 5-17-12	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by /s/ Don Peterson		Title	Date JUN 26 2012
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 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 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 30-015-39835	Pool Code 47545	Pool Name Poker Lake, Nash Draw (Del, BS, AV)
Property Code 306402	Property Name POKER LAKE UNIT	Well Number 332H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3427'

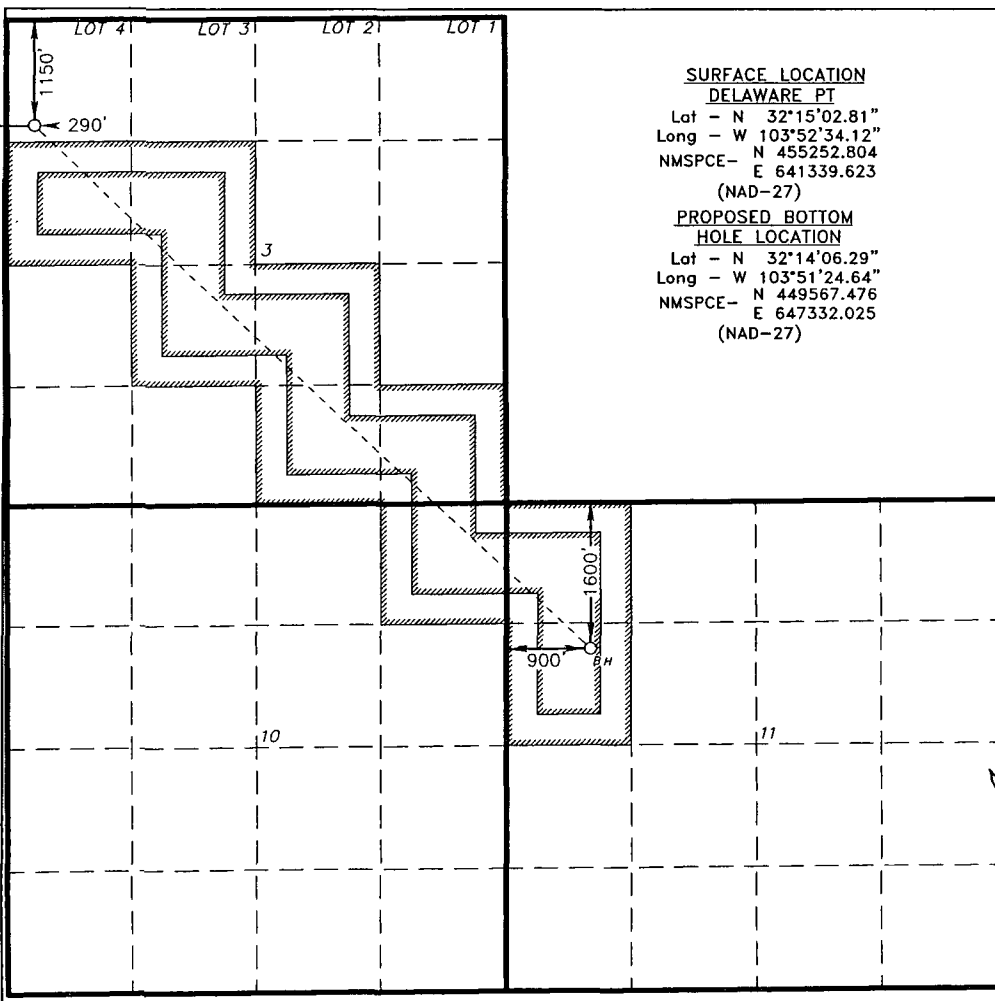
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	3	24 S	30 E		1150	NORTH	290	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	11	24 S	30 E		1600	NORTH	900	WEST	EDDY
Dedicated Acres 360	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



SURFACE LOCATION

DELAWARE PT

Lat - N 32°15'02.81"
Long - W 103°52'34.12"
NMSPCE - N 455252.804
E 641339.623
(NAD-27)

PROPOSED BOTTOM
HOLE LOCATION

Lat - N 32°14'06.29"
Long - W 103°51'24.64"
NMSPCE - N 449567.476
E 647332.025
(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 5-17-12
Signature Date
Jeremy Braden
Printed Name
jbraden@basspet.com
Email Address

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 26660



Planned Wellpath Report

Rev-A.0
Page 1 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.332H SHL
Area	Eddy County, NM	Well	No.332H
Field	Poker Lake Unit	Wellbore	No.332H PWB
Facility	Poker Lake Unit No. 332H		

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	0.999932	Report Generated	5/16/2012 at 1:50:29 PM
Convergence at slot	0.24° East	Database/Source file	WA Midland/No.332H_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	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W
Facility Reference Pt			641339.62	455252.80	32°15'02.807"N	103°52'34.121"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.332H SHL (KB) to Facility Vertical Datum	22.00ft
Horizontal Reference Pt	Slot	Rig on No.332H SHL (KB) to Mean Sea Level	3449.00ft
Vertical Reference Pt	Rig on No.332H SHL (KB)	Rig on No.332H SHL (KB) to Mud Line at Slot (No.332H SHL)	22.00ft
MD Reference Pt	Rig on No.332H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	133.49°



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Rev-A.0

Page 2 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.332H SHL
Area	Eddy County, NM	Well	No.332H
Field	Poker Lake Unit	Wellbore	No.332H PWB
Facility	Poker Lake Unit No. 332H		

WELLPATH DATA (171 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	133.494	0.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
22.00	0.000	133.494	22.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Tie On
122.00†	0.000	133.494	122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
222.00†	0.000	133.494	222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
322.00†	0.000	133.494	322.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
346.00†	0.000	133.494	346.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Rustler
422.00†	0.000	133.494	422.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
506.00†	0.000	133.494	506.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Salado
522.00†	0.000	133.494	522.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
622.00†	0.000	133.494	622.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
672.00†	0.000	133.494	672.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Salt
722.00†	0.000	133.494	722.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
822.00†	0.000	133.494	822.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
922.00†	0.000	133.494	922.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1022.00†	0.000	133.494	1022.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1122.00†	0.000	133.494	1122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1222.00†	0.000	133.494	1222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1322.00†	0.000	133.494	1322.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1422.00†	0.000	133.494	1422.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1522.00†	0.000	133.494	1522.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1622.00†	0.000	133.494	1622.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1722.00†	0.000	133.494	1722.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1822.00†	0.000	133.494	1822.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
1922.00†	0.000	133.494	1922.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2022.00†	0.000	133.494	2022.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2122.00†	0.000	133.494	2122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2222.00†	0.000	133.494	2222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2322.00†	0.000	133.494	2322.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2422.00†	0.000	133.494	2422.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2522.00†	0.000	133.494	2522.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2622.00†	0.000	133.494	2622.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2722.00†	0.000	133.494	2722.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2822.00†	0.000	133.494	2822.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
2922.00†	0.000	133.494	2922.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3022.00†	0.000	133.494	3022.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3122.00†	0.000	133.494	3122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3222.00†	0.000	133.494	3222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3322.00†	0.000	133.494	3322.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3422.00†	0.000	133.494	3422.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3522.00†	0.000	133.494	3522.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3622.00†	0.000	133.494	3622.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3675.00†	0.000	133.494	3675.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Base/Salt
3722.00†	0.000	133.494	3722.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3822.00†	0.000	133.494	3822.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3897.00†	0.000	133.494	3897.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Lamar



Planned Wellpath Report

Rev-A.0

Page 3 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.332H SHL
Area	Eddy County, NM	Well	No.332H
Field	Poker Lake Unit	Wellbore	No.332H PWB
Facility	Poker Lake Unit No. 332H		

WELLPATH DATA (171 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
3922.00†	0.000	133.494	3922.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
3947.00†	0.000	133.494	3947.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Ramsey
4022.00†	0.000	133.494	4022.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4122.00†	0.000	133.494	4122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4222.00†	0.000	133.494	4222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4322.00†	0.000	133.494	4322.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4422.00†	0.000	133.494	4422.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4522.00†	0.000	133.494	4522.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4622.00†	0.000	133.494	4622.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4722.00†	0.000	133.494	4722.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4822.00†	0.000	133.494	4822.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
4922.00†	0.000	133.494	4922.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5022.00†	0.000	133.494	5022.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5122.00†	0.000	133.494	5122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5222.00†	0.000	133.494	5222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5322.00†	0.000	133.494	5322.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5422.00†	0.000	133.494	5422.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5522.00†	0.000	133.494	5522.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5622.00†	0.000	133.494	5622.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5722.00†	0.000	133.494	5722.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5822.00†	0.000	133.494	5822.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5922.00†	0.000	133.494	5922.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
5925.00†	0.000	133.494	5925.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	LCC
6022.00†	0.000	133.494	6022.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6122.00†	0.000	133.494	6122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6222.00†	0.000	133.494	6222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6322.00†	0.000	133.494	6322.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6422.00†	0.000	133.494	6422.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6522.00†	0.000	133.494	6522.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6622.00†	0.000	133.494	6622.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6722.00†	0.000	133.494	6722.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6822.00†	0.000	133.494	6822.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
6922.00†	0.000	133.494	6922.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
7022.00†	0.000	133.494	7022.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
7122.00†	0.000	133.494	7122.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	
7222.00	0.000	133.494	7222.00	0.00	0.00	0.00	641339.62	455252.80	32°15'02.807"N	103°52'34.121"W	0.00	Est KOP
7322.00†	12.012	133.494	7321.27	10.44	-7.19	7.58	641347.20	455245.62	32°15'02.736"N	103°52'34.033"W	12.01	
7422.00†	24.023	133.494	7416.19	41.32	-28.44	29.97	641369.59	455224.37	32°15'02.524"N	103°52'33.773"W	12.01	
7500.57†	33.461	133.494	7485.00	79.06	-54.41	57.35	641396.97	455198.40	32°15'02.266"N	103°52'33.456"W	12.01	LBC 8A
7522.00†	36.035	133.494	7502.61	91.27	-62.82	66.21	641405.83	455189.99	32°15'02.183"N	103°52'33.353"W	12.01	
7622.00†	48.047	133.494	7576.74	158.11	-108.83	114.70	641454.32	455143.98	32°15'01.725"N	103°52'32.791"W	12.01	
7722.00†	60.058	133.494	7635.34	238.92	-164.44	173.32	641512.94	455088.37	32°15'01.172"N	103°52'32.111"W	12.01	
7822.00†	72.070	133.494	7675.83	330.15	-227.24	239.51	641579.12	455025.58	32°15'00.548"N	103°52'31.343"W	12.01	
7922.00†	84.082	133.494	7696.46	427.82	-294.46	310.36	641649.96	454958.37	32°14'59.880"N	103°52'30.522"W	12.01	
7971.27	90.000	133.494	7699.00	477.00	-328.31	346.04	641685.64	454924.52	32°14'59.544"N	103°52'30.108"W	12.01	EOC



Planned Wellpath Report

Rev-A.0

Page 4 of 6



BAKER HUGHES

REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.332H SHL
Area	Eddy County, NM	Well	No.332H
Field	Poker Lake Unit	Wellbore	No.332H PWB
Facility	Poker Lake Unit No. 332H		

WELLPATH DATA (171 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
8022.00†	90.000	133.494	7699.00	527.73	-363.23	382.84	641722.44	454889.60	32°14'59.197"N	103°52'29.681"W	0.00	
8122.00†	90.000	133.494	7699.00	627.73	-432.05	455.38	641794.98	454820.78	32°14'58.512"N	103°52'28.840"W	0.00	
8222.00†	90.000	133.494	7699.00	727.73	-500.88	527.93	641867.52	454751.96	32°14'57.828"N	103°52'27.999"W	0.00	
8322.00†	90.000	133.494	7699.00	827.73	-569.71	600.47	641940.05	454683.13	32°14'57.144"N	103°52'27.157"W	0.00	
8422.00†	90.000	133.494	7699.00	927.73	-638.54	673.02	642012.59	454614.31	32°14'56.460"N	103°52'26.316"W	0.00	
8522.00†	90.000	133.494	7699.00	1027.73	-707.36	745.56	642085.13	454545.49	32°14'55.776"N	103°52'25.475"W	0.00	
8622.00†	90.000	133.494	7699.00	1127.73	-776.19	818.11	642157.67	454476.67	32°14'55.092"N	103°52'24.634"W	0.00	
8722.00†	90.000	133.494	7699.00	1227.73	-845.02	890.65	642230.21	454407.84	32°14'54.408"N	103°52'23.792"W	0.00	
8822.00†	90.000	133.494	7699.00	1327.73	-913.85	963.20	642302.75	454339.02	32°14'53.723"N	103°52'22.951"W	0.00	
8922.00†	90.000	133.494	7699.00	1427.73	-982.68	1035.74	642375.29	454270.20	32°14'53.039"N	103°52'22.110"W	0.00	
9022.00†	90.000	133.494	7699.00	1527.73	-1051.50	1108.29	642447.83	454201.37	32°14'52.355"N	103°52'21.269"W	0.00	
9122.00†	90.000	133.494	7699.00	1627.73	-1120.33	1180.83	642520.37	454132.55	32°14'51.671"N	103°52'20.427"W	0.00	
9222.00†	90.000	133.494	7699.00	1727.73	-1189.16	1253.38	642592.91	454063.73	32°14'50.987"N	103°52'19.586"W	0.00	
9322.00†	90.000	133.494	7699.00	1827.73	-1257.99	1325.92	642665.45	453994.90	32°14'50.303"N	103°52'18.745"W	0.00	
9391.27	90.000	133.494	7699.00	1897.00	-1305.66	1376.17	642715.70	453947.23	32°14'49.829"N	103°52'18.162"W	0.00	Target #1
9415.62	89.513	133.494	7699.10	1921.35	-1322.43	1393.84	642733.37	453930.47	32°14'49.662"N	103°52'17.957"W	2.00	TL
9422.00†	89.513	133.494	7699.16	1927.73	-1326.81	1398.46	642737.99	453926.08	32°14'49.618"N	103°52'17.904"W	0.00	
9522.00†	89.513	133.494	7700.01	2027.73	-1395.64	1471.01	642810.53	453857.26	32°14'48.934"N	103°52'17.063"W	0.00	
9622.00†	89.513	133.494	7700.86	2127.72	-1464.46	1543.55	642883.06	453788.44	32°14'48.250"N	103°52'16.221"W	0.00	
9722.00†	89.513	133.494	7701.71	2227.72	-1533.29	1616.09	642955.60	453719.62	32°14'47.566"N	103°52'15.380"W	0.00	
9822.00†	89.513	133.494	7702.56	2327.72	-1602.11	1688.63	643028.14	453650.80	32°14'46.882"N	103°52'14.539"W	0.00	
9922.00†	89.513	133.494	7703.41	2427.71	-1670.94	1761.18	643100.68	453581.98	32°14'46.198"N	103°52'13.698"W	0.00	
10022.00†	89.513	133.494	7704.26	2527.71	-1739.76	1833.72	643173.21	453513.16	32°14'45.514"N	103°52'12.857"W	0.00	
10122.00†	89.513	133.494	7705.11	2627.70	-1808.59	1906.26	643245.75	453444.34	32°14'44.830"N	103°52'12.016"W	0.00	
10222.00†	89.513	133.494	7705.96	2727.70	-1877.41	1978.80	643318.29	453375.52	32°14'44.145"N	103°52'11.174"W	0.00	
10322.00†	89.513	133.494	7706.81	2827.70	-1946.24	2051.35	643390.83	453306.70	32°14'43.461"N	103°52'10.333"W	0.00	
10422.00†	89.513	133.494	7707.66	2927.69	-2015.06	2123.89	643463.36	453237.88	32°14'42.777"N	103°52'09.492"W	0.00	
10522.00†	89.513	133.494	7708.51	3027.69	-2083.89	2196.43	643535.90	453169.06	32°14'42.093"N	103°52'08.651"W	0.00	
10622.00†	89.513	133.494	7709.36	3127.69	-2152.71	2268.97	643608.44	453100.24	32°14'41.409"N	103°52'07.810"W	0.00	
10722.00†	89.513	133.494	7710.21	3227.68	-2221.54	2341.52	643680.98	453031.42	32°14'40.725"N	103°52'06.969"W	0.00	
10822.00†	89.513	133.494	7711.06	3327.68	-2290.36	2414.06	643753.51	452962.60	32°14'40.041"N	103°52'06.128"W	0.00	
10922.00†	89.513	133.494	7711.91	3427.68	-2359.19	2486.60	643826.05	452893.78	32°14'39.356"N	103°52'05.286"W	0.00	
11022.00†	89.513	133.494	7712.76	3527.67	-2428.01	2559.14	643898.59	452824.96	32°14'38.672"N	103°52'04.445"W	0.00	
11122.00†	89.513	133.494	7713.61	3627.67	-2496.84	2631.69	643971.13	452756.14	32°14'37.988"N	103°52'03.604"W	0.00	
11222.00†	89.513	133.494	7714.46	3727.66	-2565.66	2704.23	644043.66	452687.32	32°14'37.304"N	103°52'02.763"W	0.00	
11322.00†	89.513	133.494	7715.31	3827.66	-2634.49	2776.77	644116.20	452618.50	32°14'36.620"N	103°52'01.922"W	0.00	
11422.00†	89.513	133.494	7716.16	3927.66	-2703.31	2849.31	644188.74	452549.68	32°14'35.936"N	103°52'01.081"W	0.00	
11522.00†	89.513	133.494	7717.01	4027.65	-2772.14	2921.86	644261.27	452480.86	32°14'35.251"N	103°52'00.240"W	0.00	
11622.00†	89.513	133.494	7717.86	4127.65	-2840.96	2994.40	644333.81	452412.04	32°14'34.567"N	103°51'59.399"W	0.00	
11722.00†	89.513	133.494	7718.71	4227.65	-2909.79	3066.94	644406.35	452343.22	32°14'33.883"N	103°51'58.558"W	0.00	
11822.00†	89.513	133.494	7719.56	4327.64	-2978.61	3139.48	644478.89	452274.40	32°14'33.199"N	103°51'57.716"W	0.00	
11922.00†	89.513	133.494	7720.41	4427.64	-3047.44	3212.03	644551.42	452205.58	32°14'32.515"N	103°51'56.875"W	0.00	
12022.00†	89.513	133.494	7721.26	4527.64	-3116.26	3284.57	644623.96	452136.76	32°14'31.831"N	103°51'56.034"W	0.00	
12122.00†	89.513	133.494	7722.11	4627.63	-3185.09	3357.11	644696.50	452067.94	32°14'31.146"N	103°51'55.193"W	0.00	
12222.00†	89.513	133.494	7722.96	4727.63	-3253.91	3429.65	644769.04	451999.12	32°14'30.462"N	103°51'54.352"W	0.00	



Planned Wellpath Report

Rev-A.0
Page 5 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.332H SHL
Area	Eddy County, NM	Well	No.332H
Field	Poker Lake Unit	Wellbore	No.332H PWB
Facility	Poker Lake Unit No. 332H		

WELLPATH DATA (171 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
12322.00†	89.513	133.494	7723.81	4827.62	-3322.74	3502.20	644841.57	451930.30	32°14'29.778"N	103°51'53.511"W	0.00	
12422.00†	89.513	133.494	7724.66	4927.62	-3391.56	3574.74	644914.11	451861.48	32°14'29.094"N	103°51'52.670"W	0.00	
12522.00†	89.513	133.494	7725.51	5027.62	-3460.39	3647.28	644986.65	451792.66	32°14'28.410"N	103°51'51.829"W	0.00	
12622.00†	89.513	133.494	7726.36	5127.61	-3529.21	3719.82	645059.19	451723.84	32°14'27.725"N	103°51'50.988"W	0.00	
12722.00†	89.513	133.494	7727.21	5227.61	-3598.04	3792.37	645131.72	451655.02	32°14'27.041"N	103°51'50.147"W	0.00	
12822.00†	89.513	133.494	7728.06	5327.61	-3666.86	3864.91	645204.26	451586.20	32°14'26.357"N	103°51'49.306"W	0.00	
12922.00†	89.513	133.494	7728.91	5427.60	-3735.69	3937.45	645276.80	451517.38	32°14'25.673"N	103°51'48.465"W	0.00	
13022.00†	89.513	133.494	7729.76	5527.60	-3804.51	4009.99	645349.34	451448.56	32°14'24.989"N	103°51'47.623"W	0.00	
13122.00†	89.513	133.494	7730.61	5627.60	-3873.34	4082.54	645421.87	451379.74	32°14'24.305"N	103°51'46.782"W	0.00	
13222.00†	89.513	133.494	7731.46	5727.59	-3942.16	4155.08	645494.41	451310.92	32°14'23.620"N	103°51'45.941"W	0.00	
13322.00†	89.513	133.494	7732.31	5827.59	-4010.99	4227.62	645566.95	451242.10	32°14'22.936"N	103°51'45.100"W	0.00	
13422.00†	89.513	133.494	7733.16	5927.59	-4079.81	4300.16	645639.49	451173.28	32°14'22.252"N	103°51'44.259"W	0.00	
13522.00†	89.513	133.494	7734.01	6027.58	-4148.64	4372.71	645712.02	451104.46	32°14'21.568"N	103°51'43.418"W	0.00	
13622.00†	89.513	133.494	7734.86	6127.58	-4217.46	4445.25	645784.56	451035.64	32°14'20.884"N	103°51'42.577"W	0.00	
13722.00†	89.513	133.494	7735.71	6227.57	-4286.29	4517.79	645857.10	450966.82	32°14'20.199"N	103°51'41.736"W	0.00	
13822.00†	89.513	133.494	7736.56	6327.57	-4355.11	4590.33	645929.63	450898.00	32°14'19.515"N	103°51'40.895"W	0.00	
13922.00†	89.513	133.494	7737.41	6427.57	-4423.94	4662.88	646002.17	450829.18	32°14'18.831"N	103°51'40.054"W	0.00	
14022.00†	89.513	133.494	7738.26	6527.56	-4492.76	4735.42	646074.71	450760.36	32°14'18.147"N	103°51'39.213"W	0.00	
14122.00†	89.513	133.494	7739.11	6627.56	-4561.59	4807.96	646147.25	450691.54	32°14'17.463"N	103°51'38.372"W	0.00	
14222.00†	89.513	133.494	7739.96	6727.56	-4630.41	4880.50	646219.78	450622.72	32°14'16.778"N	103°51'37.531"W	0.00	
14322.00†	89.513	133.494	7740.81	6827.55	-4699.24	4953.05	646292.32	450553.90	32°14'16.094"N	103°51'36.690"W	0.00	
14422.00†	89.513	133.494	7741.66	6927.55	-4768.06	5025.59	646364.86	450485.08	32°14'15.410"N	103°51'35.849"W	0.00	
14522.00†	89.513	133.494	7742.51	7027.55	-4836.89	5098.13	646437.40	450416.26	32°14'14.726"N	103°51'35.008"W	0.00	
14622.00†	89.513	133.494	7743.37	7127.54	-4905.71	5170.67	646509.93	450347.44	32°14'14.042"N	103°51'34.167"W	0.00	
14722.00†	89.513	133.494	7744.22	7227.54	-4974.53	5243.22	646582.47	450278.62	32°14'13.357"N	103°51'33.326"W	0.00	
14822.00†	89.513	133.494	7745.07	7327.53	-5043.36	5315.76	646655.01	450209.80	32°14'12.673"N	103°51'32.485"W	0.00	
14922.00†	89.513	133.494	7745.92	7427.53	-5112.18	5388.30	646727.55	450140.98	32°14'11.989"N	103°51'31.644"W	0.00	
15022.00†	89.513	133.494	7746.77	7527.53	-5181.01	5460.84	646800.08	450072.16	32°14'11.305"N	103°51'30.803"W	0.00	
15122.00†	89.513	133.494	7747.62	7627.52	-5249.83	5533.39	646872.62	450003.34	32°14'10.620"N	103°51'29.962"W	0.00	
15222.00†	89.513	133.494	7748.47	7727.52	-5318.66	5605.93	646945.16	449934.52	32°14'09.936"N	103°51'29.121"W	0.00	
15322.00†	89.513	133.494	7749.32	7827.52	-5387.48	5678.47	647017.70	449865.70	32°14'09.252"N	103°51'28.280"W	0.00	
15422.00†	89.513	133.494	7750.17	7927.51	-5456.31	5751.01	647090.23	449796.88	32°14'08.568"N	103°51'27.439"W	0.00	
15522.00†	89.513	133.494	7751.02	8027.51	-5525.13	5823.56	647162.77	449728.06	32°14'07.884"N	103°51'26.598"W	0.00	
15622.00†	89.513	133.494	7751.87	8127.51	-5593.96	5896.10	647235.31	449659.24	32°14'07.199"N	103°51'25.757"W	0.00	
15722.00†	89.513	133.494	7752.72	8227.50	-5662.78	5968.64	647307.85	449590.42	32°14'06.515"N	103°51'24.916"W	0.00	
15755.33	89.513	133.494	7753.00†	8260.83	-5685.73	5992.82	647332.03	449567.48	32°14'06.287"N	103°51'24.636"W	0.00	No.332H PBHL



Planned Wellpath Report

Rev-A.0
Page 6 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.332H SHL
Area	Eddy County, NM	Well	No.332H
Field	Poker Lake Unit	Wellbore	No.332H PWB
Facility	Poker Lake Unit No. 332H		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
No.332H Target #1		7699.00	-1305.66	1376.17	642715.70	453947.23	32°14'49.829"N	103°52'18.162"W	point
1) No.332H PBHL	15755.33	7753.00	-5685.73	5992.82	647332.03	449567.48	32°14'06.287"N	103°51'24.636"W	point

SURVEY PROGRAM - Ref Wellbore: No.332H PWB Ref Wellpath: Rev-A.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
22.00	15755.33	NaviTrak (Standard)		No.332H PWB

MULTI-POINT SURFACE USE PLAN

NAME OF WELL: Poker Lake Unit #332H

LEGAL DESCRIPTION - SURFACE: 1740' FNL, 1075' FWL, Section 3, T24S, R30E, Eddy County, NM.
BHL: 1600' FNL, 900' FEL, Section 11, T24S, R30E, Eddy County, New Mexico.

POINT 1: EXISTING ROADS

A) Proposed Well Site Location:

See Form C-102 (Survey Plat).

B) Existing Roads:

From the junction of HWY 128 and Mobley Ranch Rd go south on Mobley Ranch Rd for 0.6 miles to lease road, on lease road go southerly 5.9 miles to old lease road and then head south to proposed lease road.

C) Existing Road Maintenance or Improvement Plan:

See the Well Pad Layout and Topo Map of the survey plat (Sheet 1 and 2 of plat package)

POINT 2: NEW PLANNED ACCESS ROUTE

A) Route Location:

Approximately 4,593' of new lease road will be built. (See the Well Pad Layout of the survey plat (Sheet 1 of plat package).

B) Width

14' wide

C) Maximum Grade

Grade to match existing topography or as per BLM requirements.

D) Turnout Ditches

As required by BLM stipulations

E) Culverts, Cattle Guards, and Surfacing Equipment

If required, culverts and cattle guards will be set per BLM Specs.

POINT 3: LOCATION OF EXISTING WELLS

The following wells are located within a one-mile radius of the location site. See the One-Mile Radius Map (Sheet 5 of the plat package).

Existing wells..... (7)

Water wells..... (1)

PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME:	BOPCO, L.P.
LEASE NO.:	NMLC068905
WELL NAME & NO.:	Poker Lake Unit 332H
SURFACE HOLE FOOTAGE:	1150' FNL & 290' FWL
BOTTOM HOLE FOOTAGE:	1600' FNL & 900' FWL; Section 11, T. 24 S., R. 30 E
LOCATION:	Section 3, T. 24 S., R 30 E., NMPM
COUNTY:	Eddy County, New Mexico

TABLE OF CONTENTS

Standard Conditions of Approval (COA) apply to this APD. If any deviations to these standards exist or special COAs are required, the section with the deviation or requirement will be checked below.

- ☐ **General Provisions**
- ☐ **Permit Expiration**
- ☐ **Archaeology, Paleontology, and Historical Sites**
- ☐ **Noxious Weeds**
- ☒ **Special Requirements**
 - Lesser Prairie-Chicken Timing Stipulations
 - Ground-level Abandoned Well Marker
 - Avoid Livestock Water Pipeline
- ☒ **Construction**
 - Notification
 - Topsoil
 - Closed Loop System
 - Federal Mineral Material Pits
 - Well Pads
 - Roads
- ☐ **Road Section Diagram**
- ☒ **Drilling**
 - R-111-P Potash
 - Logging Requirements
 - Waste Material and Fluids
- ☐ **Production (Post Drilling)**
 - Well Structures & Facilities
- ☒ **Interim Reclamation**
- ☒ **Final Abandonment & Reclamation**