

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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. NMLC063167
2. Name of Operator BOPCO LP Contact: WHITNEY MCKEE E-Mail: wbmckee@basspet.com		6. If Indian, Allottee or Tribe Name
3a. Address MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-683-2277	7. If Unit or CA/Agreement, Name and/or No. 891000326X
4. Location of Well (Footage, Sec, T., R., M., or Survey Description) Sec 21 T21S R30E SESE 0130FSL 0879FEL 32.272792 N Lat, 103.524536 W Lon		8. Well Name and No. BIG EDDY UNIT D19 35H
		9. API Well No. 30-015-42007-00-X1
		10. Field and Pool, or Exploratory WILDCAT
		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.)

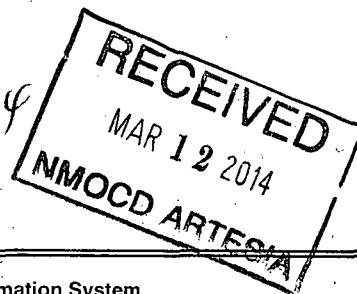
BOPCO, L.P. respectfully requests to change the surface location on the Big Eddy Unit D19 #35H to 90' FSL & 809' FEL, Sec 21-T21S-R30E. The surface location will remain within Drilling Island 9, but has been moved to facilitate pad development. The updated plat package is attached.

3/13/14 RED

Approved for record
EMCOB

OK ccl 3/10/14

Eng. OK 3/10/14 CRW.



14. I hereby certify that the foregoing is true and correct. Electronic Submission #238223 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 03/10/2014 (14CRW0180SE)	
Name (Printed/Typed) TODD CARPENTER	Title ENGINEERING ASSISTANT
Signature (Electronic Submission)	Date 03/10/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Cody R. Layton</i>	Title <i>MRS</i>	Date <i>3/10/14</i>
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 <i>CFO</i>

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.

DISTRICT I
1826 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 746-1883 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3480 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
		WILDCAT; BONE SPRING
Property Code	Property Name	Well Number
805860	BIG EDDY UNIT D19	35H
OGRID No.	Operator Name	Elevation
260737	BOPCO, L.P.	3148'

Surface Location

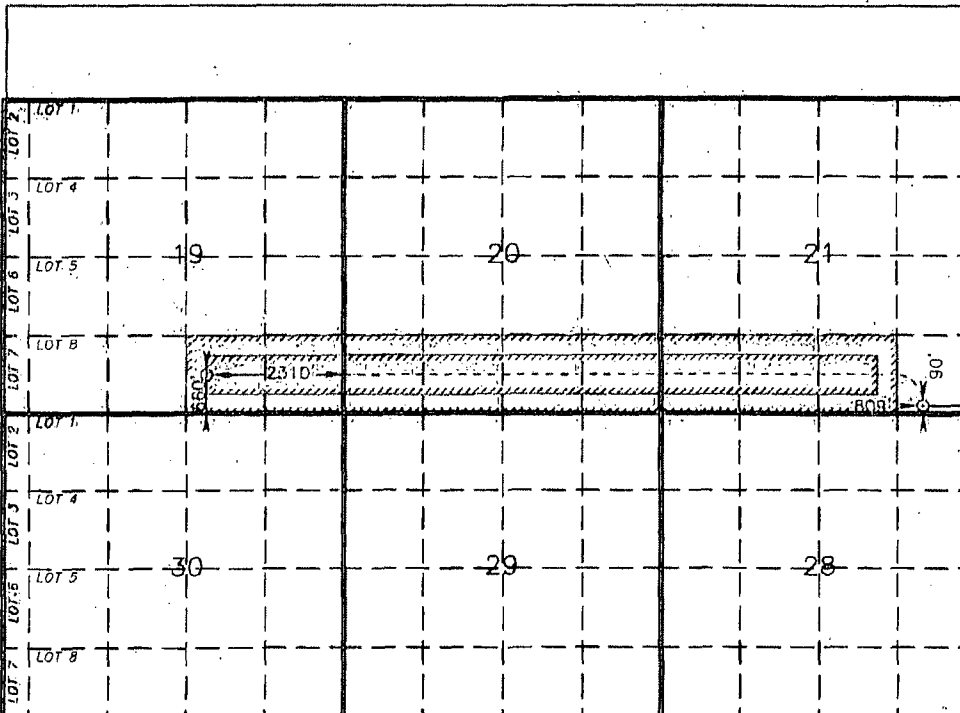
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	21 S	30 E		90	SOUTH	809	EAST	EDDY

Bottom Hole Location If Different From Surface

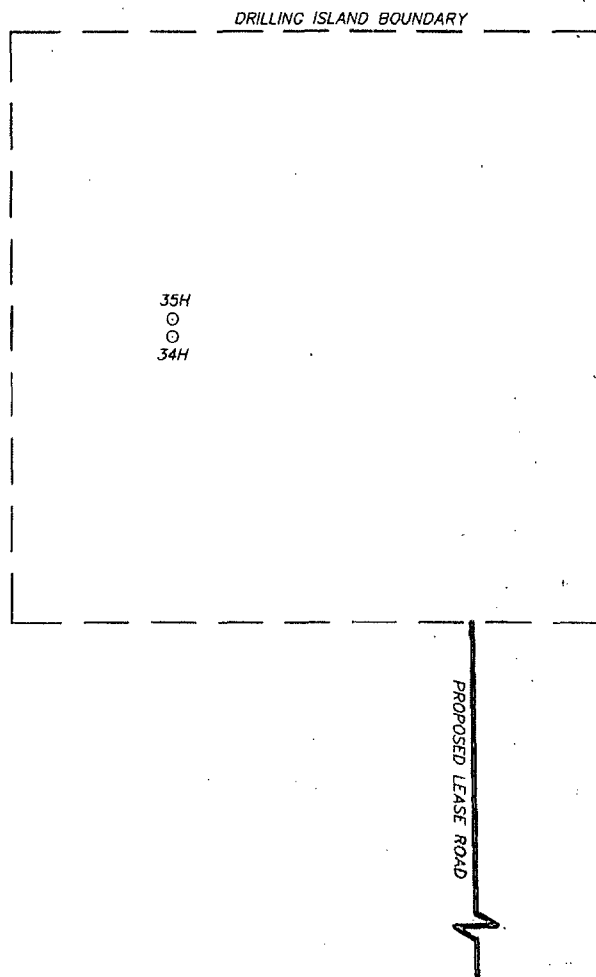
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	19	21 S	30 E		660	SOUTH	2310	EAST	EDDY

Dedicated Acres	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 released 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. <u>Todd Carpenter</u> 3/7/14 Signature Date <u>Todd Carpenter</u> Printed Name <u>tcarpenter@basinet.com</u> 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. FEBRUARY 26 2014 Date Surveyed <u>[Signature]</u> Signature of Professional Surveyor Certification Number 7977 SCALE: 1" = 3000' WO Num.: 30126
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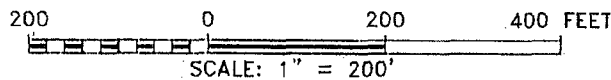
SECTION 21, TOWNSHIP 21 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



BOPCO, L.P.
BIG EDDY UNIT D19 #35H
ELEV. - 3148'

Lat - N 32°27'27.52"
Long - W 103°52'44.54"
NMSPCE- N 530502.8
E 640125.2
(NAD-27)

EUNICE, NM IS ±23 MILES TO THE SOUTHEAST OF LOCATION.



Directions to Location:

FROM THE THE JUNCTION OF HWY 31 AD CIMARRON,
GO EAST ON CIMARRON FOR 5.0 MILES TO LEASE
ROAD, CONTINUE EAST 1.5 MILES TO PROPOSED
LEASE ROAD NORTH.



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

BOPCO, L.P.

REF: BIG EDDY UNIT D19 35H / WELL PAD TOPO

THE BIG EDDY UNIT D19 35H LOCATED 90' FROM
THE SOUTH LINE AND 809' FROM THE EAST LINE OF
SECTION 21, TOWNSHIP 21 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

SECTION 21, TOWNSHIP 21 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

DRILLING ISLAND BOUNDARY

35H
○
○
34H



100 0 100 200 FEET

SCALE: 1" = 100'

BOPCO, L.P.

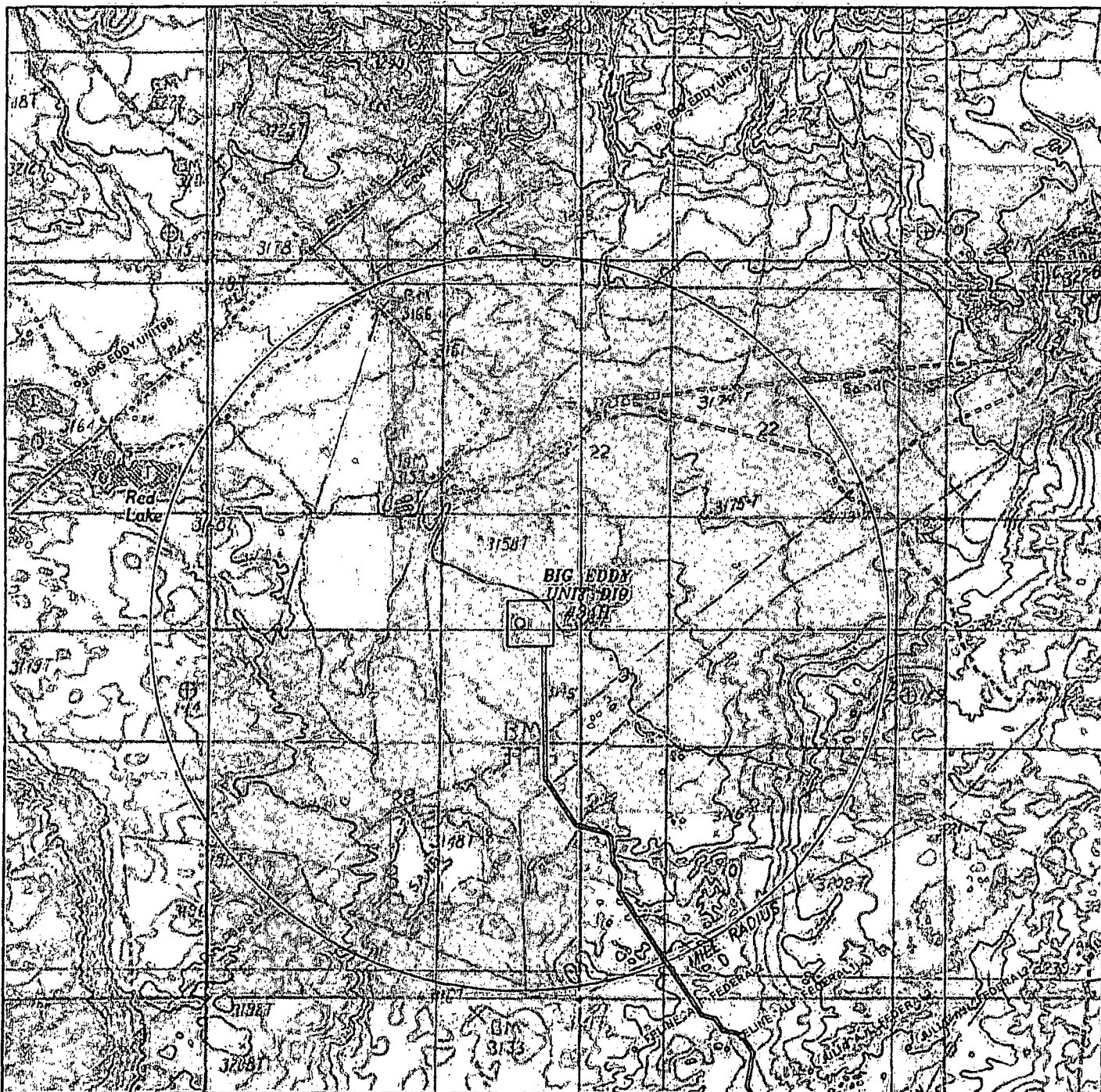
REF: BIG EDDY UNIT D19 35H / WELL PAD TOPO

THE BIG EDDY UNIT D19 35H LOCATED 90' FROM
THE SOUTH LINE AND 809' FROM THE EAST LINE OF
SECTION 21, TOWNSHIP 21 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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Hobbs, New Mexico 88241 basin-surveys.com

W.O. Number: 30126 Drawn By: J. SMALL Date: 02-28-2014 Survey Date: 02-25-2014 Sheet 1 of 1 Sheets



BIG EDDY UNIT DI9 35H

Located 90' FSL and 809' FEL

Section 21, Township 21 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.

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0' 1000' 2000' 3000' 4000'

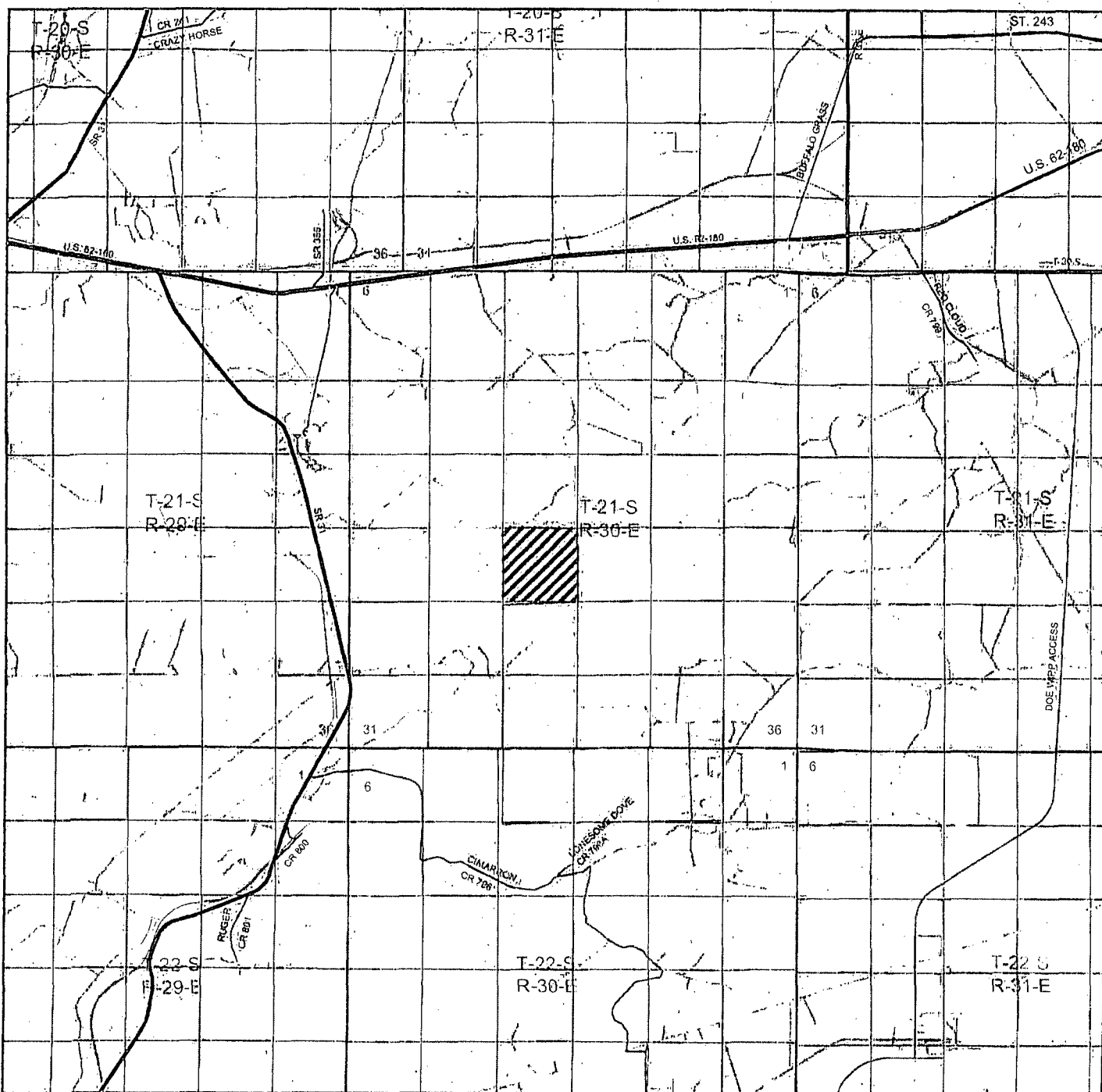
SCALE: 1" = 2000'

W.O. Number: JMS 30126

Survey Date: 02-25-2014

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

BOPCO, L.P.



BIG EDDY UNIT DI9 35H

Located 90' FSL and 809' FEL
 Section 21, Township 21 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.

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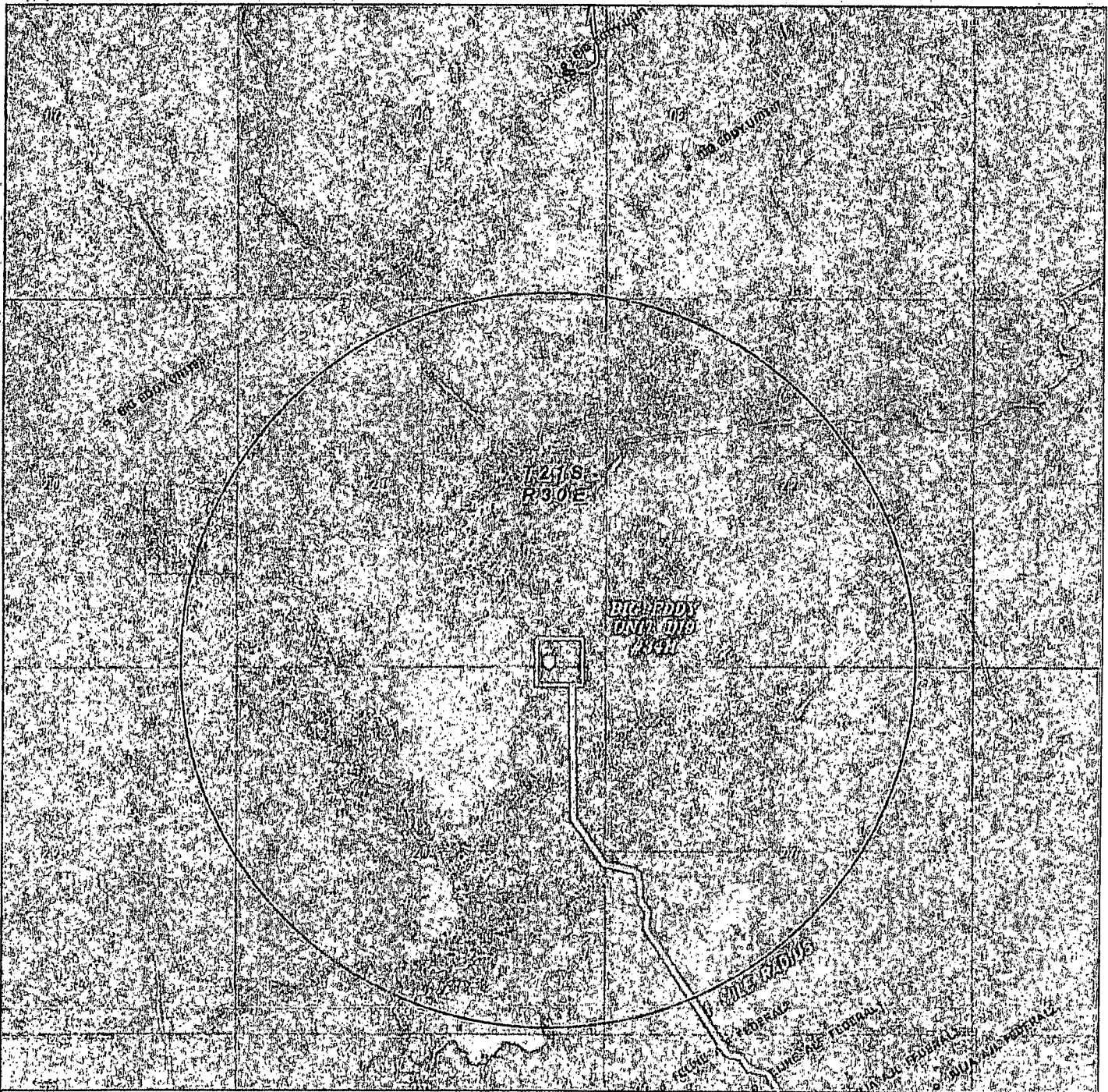
0 1 MI 2 MI 3 MI 4 MI
 SCALE: 1" = 2 MILES

W.O. Number: JMS 30126

Survey Date: 02-25-2014

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

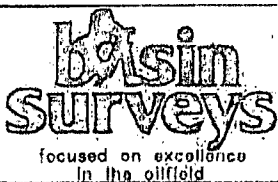
BOPCO, L.P.



BIG EDDY UNIT DI9 35H

Located 90' FSL and 809' FEL

Section 21, Township 21 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.



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basinsurveys.com

0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'

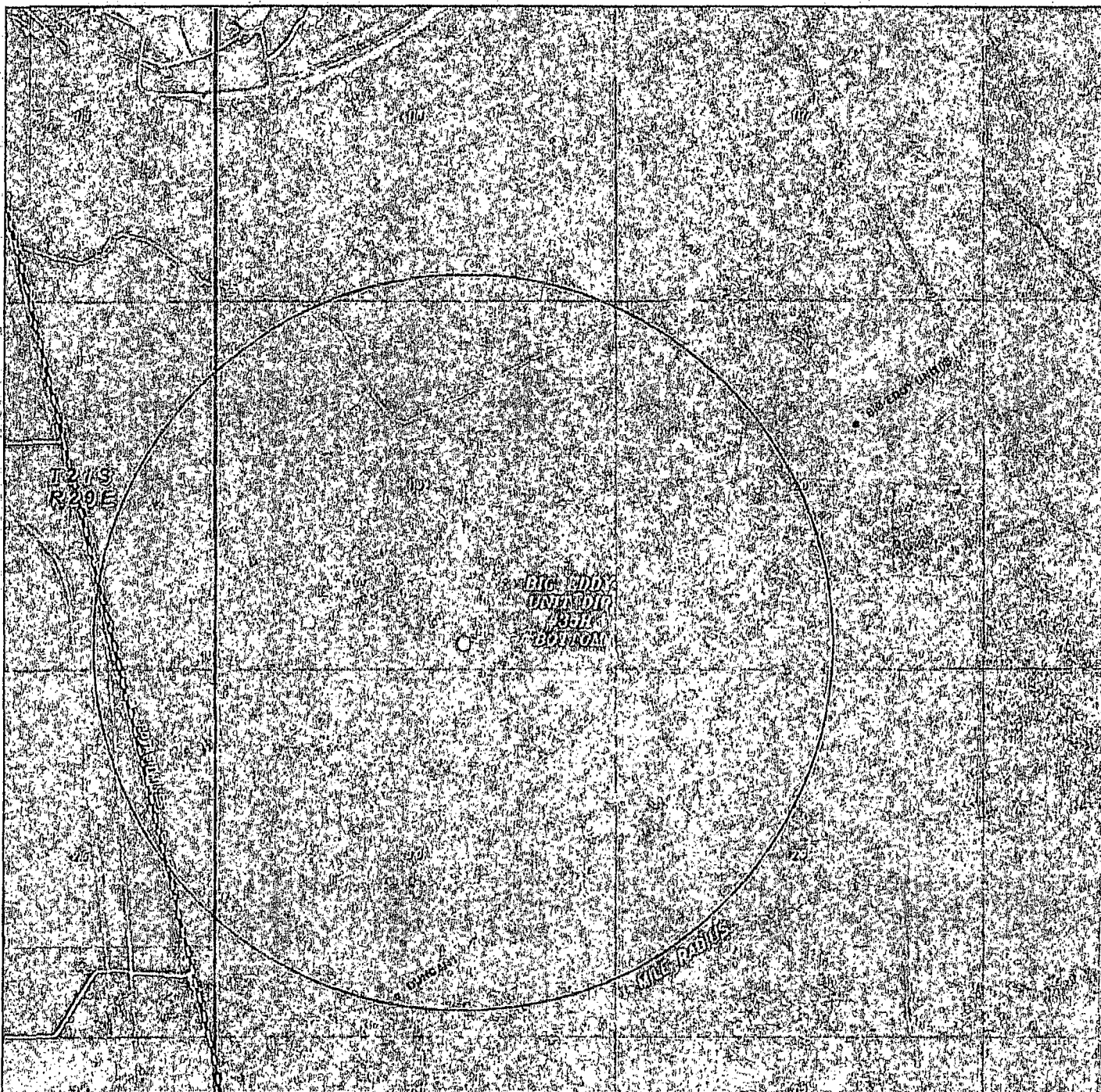
W.O. Number: JMS 30126

Survey Date: 02-25-2014

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



BOPCO, L.P.



BIG EDDY UNIT DI9 35H BOTTOM

Located 660' FSL and 2310' FEL

Section 19, Township 21 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.

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0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'

W.O. Number: JMS 30126

Survey Date: 02-25-2014

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

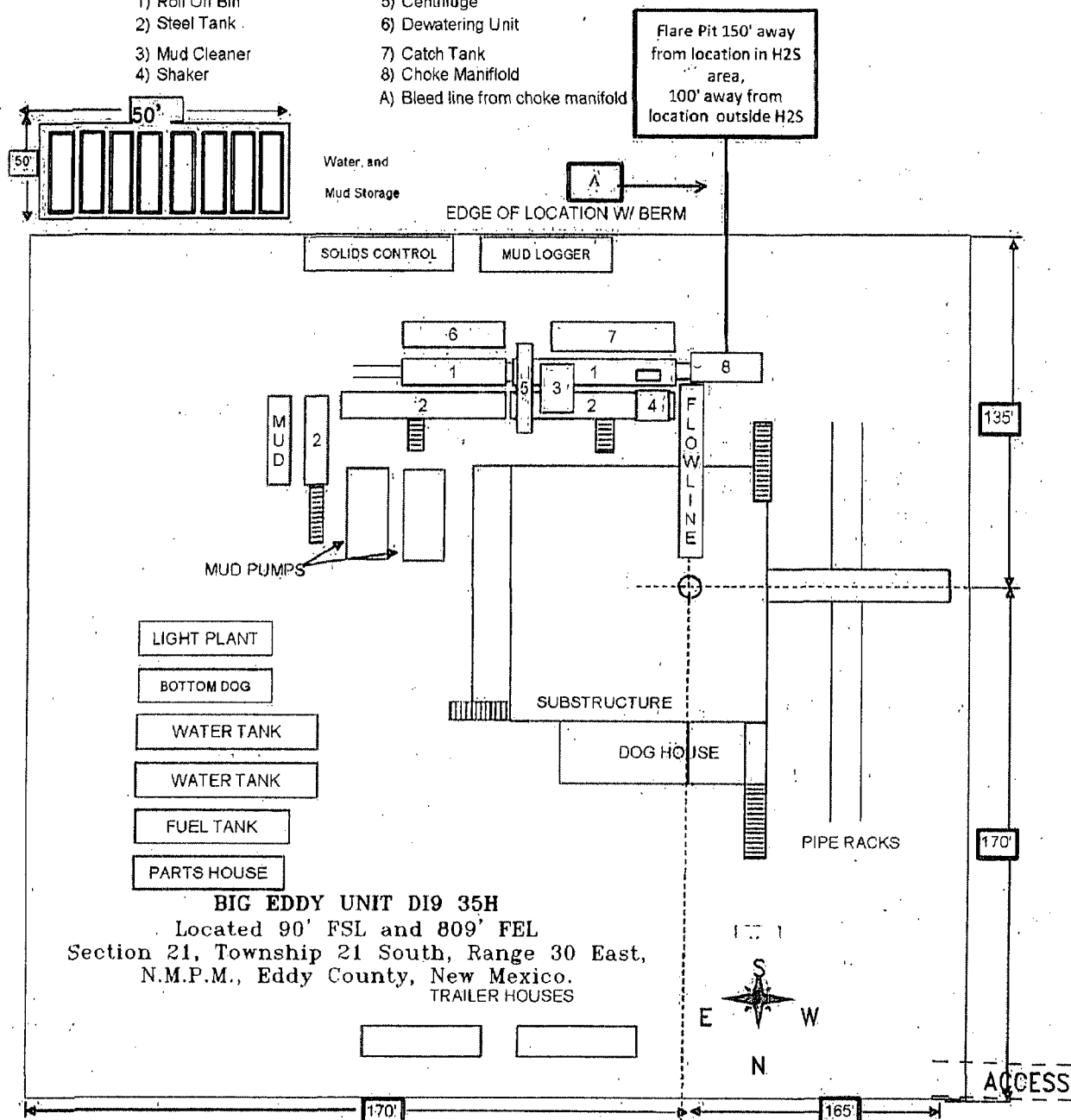
BOPCO, L.P.

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 | |



BIG EDDY UNIT DI9 35H
Located 90' FSL and 809' FEL
Section 21, Township 21 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.
TRAILER HOUSES

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SCALE: NONE

W.O. Number: JMS 30126

Survey Date: 02-25-2014

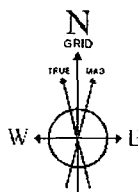
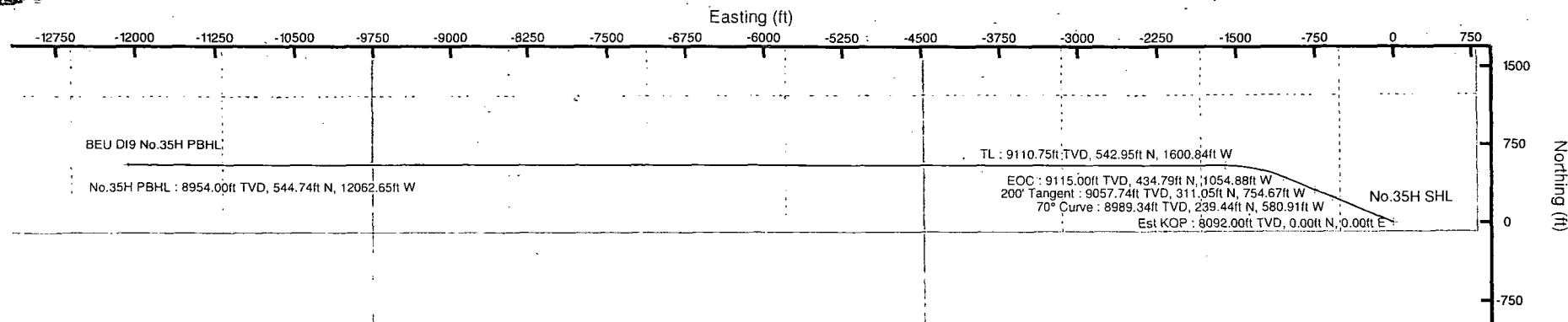
BOPCO, L.P.



BOPCO, L.P.

Location: Eddy County, NM
Field: Big Eddy
Facility: Big Eddy Unit D1-9

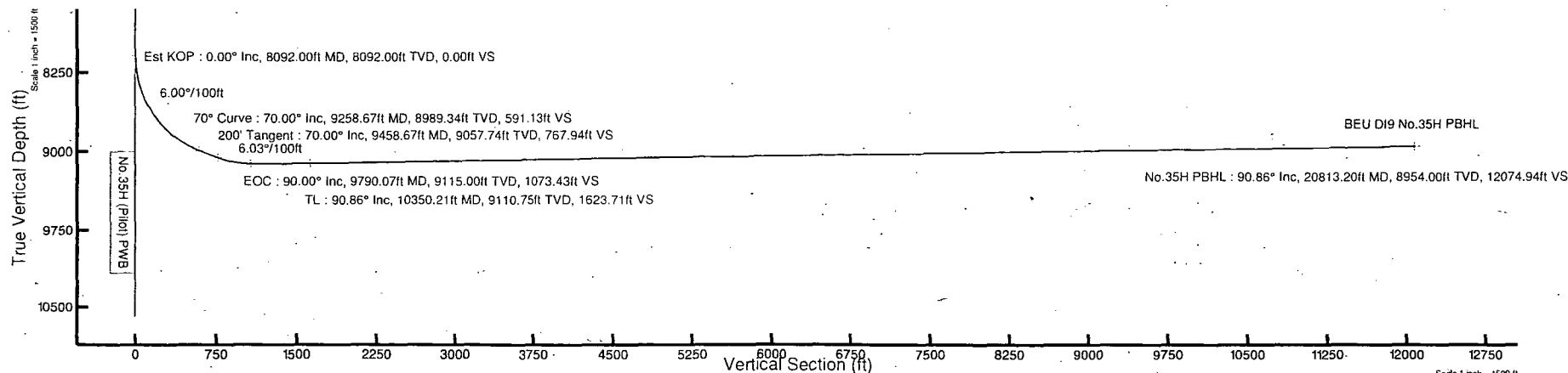
Slot: No.35H SHL
Well: No.35H
Wellbore: No.35H PWB



BGGM (1945.0 to 2015.0) Dip: 60.27° Field: 48434.8 nT
Magnetic North is 7.53 degrees East of True North (at 2/21/2014)
Grid North is 0.24 degrees East of True North
To correct azimuth from True to Grid subtract 0.24 degrees
To correct azimuth from Magnetic to Grid add 7.29 degrees

Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	29.00	0.000	292.400	29.00	0.00	0.00	0.00	0.00
Est KOP	8092.00	0.000	292.400	8092.00	0.00	0.00	0.00	0.00
70° Curve	9258.67	70.000	292.400	8989.34	239.44	-580.91	6.00	591.13
200' Tangent	9458.67	70.000	292.400	9057.74	311.05	-754.67	0.00	767.94
EOC	9790.07	90.000	292.400	9115.00	434.79	-1054.88	6.03	1073.43
TL	10350.21	90.858	270.010	9110.75	542.95	-1600.84	4.00	1623.71
No.35H PWB	20813.20	90.858	270.010	8954.00	544.74	-12062.65	0.00	12074.94

Plot reference wellpath is Rev-E.0	
True vertical depths are referenced to Rig on Big Eddy Unit D19 No.35H (KB)	Grid System: NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on Big Eddy Unit D19 No.35H (KB)	North Reference: Grid north
Rig on Big Eddy Unit D19 No.35H (KB) to Mean Sea Level: 3175 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: No.35H SHL): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gentry on 2/21/2014



Azimuth 272.59° with reference 0.00 N, 0.00 E

Scale 1 inch = 1500 ft

Rev-E.0



Planned Wellpath Report

Rev-E.0

Page 1 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.35H SHL
Area	Eddy County, NM	Well	No.35H
Field	Big Eddy	Wellbore	No.35H PWB
Facility	Big Eddy Unit DI-9		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 4.0.1
North Reference	Grid	User	Gentbry
Scale	0.999932	Report Generated	2/21/2014 at 9:15:25 AM
Convergence at slot	0.24° East	Database/Source file	MidlandDB/No.35H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-490.03	73.11	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W
Facility Reference Pt			640052.00	530992.80	32°27'32.374"N	103°52'45.374"W
Field Reference Pt			610823.03	524402.80	32°26'28.262"N	103°58'26.774"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Big Eddy Unit DI9 No.35H (KB) to Facility Vertical Datum	3175.00ft
Horizontal Reference Pt	Slot	Rig on Big Eddy Unit DI9 No.35H (KB) to Mean Sea Level	3175.00ft
Vertical Reference Pt	Rig on Big Eddy Unit DI9 No.35H (KB)	Rig on Big Eddy Unit DI9 No.35H (KB) to Mud Line at Slot (No.35H SHL)	3175.00ft
MD Reference Pt	Rig on Big Eddy Unit DI9 No.35H (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	272.59°



Planned Wellpath Report

Rev-E.0

Page 2 of 6



REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.35H SHL
Area	Eddy County, NM	Well	No.35H
Field	Big Eddy	Wellbore	No.35H PWB
Facility	Big Eddy Unit DI-9		

WELLPATH DATA (223 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	292.400	0.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
29.00	0.000	292.400	29.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	Tie On
129.00+	0.000	292.400	129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
229.00+	0.000	292.400	229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
329.00+	0.000	292.400	329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
414.00+	0.000	292.400	414.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	T/Salt
429.00+	0.000	292.400	429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
529.00+	0.000	292.400	529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
629.00+	0.000	292.400	629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
729.00+	0.000	292.400	729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
829.00+	0.000	292.400	829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
929.00+	0.000	292.400	929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1029.00+	0.000	292.400	1029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1129.00+	0.000	292.400	1129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1229.00+	0.000	292.400	1229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1329.00+	0.000	292.400	1329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1429.00+	0.000	292.400	1429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1529.00+	0.000	292.400	1529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1629.00+	0.000	292.400	1629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1729.00+	0.000	292.400	1729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1829.00+	0.000	292.400	1829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
1929.00+	0.000	292.400	1929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2029.00+	0.000	292.400	2029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2129.00+	0.000	292.400	2129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2229.00+	0.000	292.400	2229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2329.00+	0.000	292.400	2329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2429.00+	0.000	292.400	2429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2529.00+	0.000	292.400	2529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2629.00+	0.000	292.400	2629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2729.00+	0.000	292.400	2729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2829.00+	0.000	292.400	2829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
2929.00+	0.000	292.400	2929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3029.00+	0.000	292.400	3029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3052.00+	0.000	292.400	3052.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	B/Salt
3129.00+	0.000	292.400	3129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3229.00+	0.000	292.400	3229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3329.00+	0.000	292.400	3329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3429.00+	0.000	292.400	3429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3505.00+	0.000	292.400	3505.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	T/Delaware Mtn Group
3529.00+	0.000	292.400	3529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3629.00+	0.000	292.400	3629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3729.00+	0.000	292.400	3729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3829.00+	0.000	292.400	3829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
3929.00+	0.000	292.400	3929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4029.00+	0.000	292.400	4029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	



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**BAKER
HUGHES**

REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.35H SHL
Area	Eddy County, NM	Well	No.35H
Field	Big Eddy	Wellbore	No.35H PWB
Facility	Big Eddy Unit DI-9		

WELLPATH DATA (223 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
4129.00†	0.000	292.400	4129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4229.00†	0.000	292.400	4229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4329.00†	0.000	292.400	4329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4429.00†	0.000	292.400	4429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4529.00†	0.000	292.400	4529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4629.00†	0.000	292.400	4629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4729.00†	0.000	292.400	4729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4829.00†	0.000	292.400	4829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
4929.00†	0.000	292.400	4929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5029.00†	0.000	292.400	5029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5129.00†	0.000	292.400	5129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5229.00†	0.000	292.400	5229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5329.00†	0.000	292.400	5329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5429.00†	0.000	292.400	5429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5529.00†	0.000	292.400	5529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5629.00†	0.000	292.400	5629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5729.00†	0.000	292.400	5729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5829.00†	0.000	292.400	5829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
5929.00†	0.000	292.400	5929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6029.00†	0.000	292.400	6029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6129.00†	0.000	292.400	6129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6229.00†	0.000	292.400	6229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6329.00†	0.000	292.400	6329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6429.00†	0.000	292.400	6429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6529.00†	0.000	292.400	6529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6629.00†	0.000	292.400	6629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6729.00†	0.000	292.400	6729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6829.00†	0.000	292.400	6829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
6929.00†	0.000	292.400	6929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7029.00†	0.000	292.400	7029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7129.00†	0.000	292.400	7129.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7140.00†	0.000	292.400	7140.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	T/Bone Spring Lime
7229.00†	0.000	292.400	7229.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7329.00†	0.000	292.400	7329.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7429.00†	0.000	292.400	7429.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7529.00†	0.000	292.400	7529.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7629.00†	0.000	292.400	7629.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7729.00†	0.000	292.400	7729.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7829.00†	0.000	292.400	7829.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
7929.00†	0.000	292.400	7929.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
8029.00†	0.000	292.400	8029.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	
8092.00	0.000	292.400	8092.00	0.00	0.00	0.00	640125.10	530502.80	32°27'27.522"N	103°52'44.545"W	0.00	Est KOP
8129.00†	2.220	292.400	8128.99	0.67	0.27	-0.66	640124.44	530503.07	32°27'27.524"N	103°52'44.553"W	6.00	
8216.35†	7.461	292.400	8216.00	7.61	3.08	-7.48	640117.63	530505.88	32°27'27.553"N	103°52'44.632"W	6.00	T/1st Bone Spring Sand
8229.00†	8.220	292.400	8228.53	9.23	3.74	-9.07	640116.03	530506.54	32°27'27.559"N	103°52'44.651"W	6.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.35H SHL
Area	Eddy County, NM	Well	No.35H
Field	Big Eddy	Wellbore	No.35H PWB
Facility	Big Eddy Unit DI-9		

WELLPATH DATA (223 stations)

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
8329.00†	14.220	292.400	8326.57	27.53	11.15	-27.05	640098.05	530513.95	32°27'27.633"N	103°52'44.860"W	6.00	
8429.00†	20.220	292.400	8422.05	55.37	22.43	-54.41	640070.69	530525.22	32°27'27.746"N	103°52'45.179"W	6.00	
8529.00†	26.220	292.400	8513.91	92.44	37.44	-90.84	640034.26	530540.24	32°27'27.896"N	103°52'45.603"W	6.00	
8629.00†	32.220	292.400	8601.14	138.35	56.04	-135.96	639989.15	530558.83	32°27'28.082"N	103°52'46.129"W	6.00	
8729.00†	38.220	292.400	8682.80	192.58	78.00	-189.25	639935.86	530580.80	32°27'28.302"N	103°52'46.750"W	6.00	
8829.00†	44.220	292.400	8757.98	254.54	103.10	-250.15	639874.97	530605.90	32°27'28.552"N	103°52'47.459"W	6.00	
8929.00†	50.220	292.400	8825.87	323.56	131.06	-317.98	639807.15	530633.85	32°27'28.832"N	103°52'48.249"W	6.00	
9029.00†	56.220	292.400	8885.72	398.88	161.57	-391.99	639733.14	530664.36	32°27'29.137"N	103°52'49.112"W	6.00	
9129.00†	62.220	292.400	8936.87	479.67	194.29	-471.39	639653.75	530697.08	32°27'29.464"N	103°52'50.037"W	6.00	
9144.54†	63.153	292.400	8944.00	492.66	199.55	-484.16	639640.98	530702.34	32°27'29.517"N	103°52'50.185"W	6.00	T/2nd Bone Spring "A" Sand
9229.00†	68.220	292.400	8978.76	565.05	228.87	-555.29	639569.85	530731.66	32°27'29.810"N	103°52'51.014"W	6.00	
9258.67	70.000	292.400	8989.34	591.13	239.44	-580.91	639544.23	530742.22	32°27'29.915"N	103°52'51.313"W	6.00	70° Curve
9329.00†	70.000	292.400	9013.40	653.30	264.62	-642.02	639483.13	530767.40	32°27'30.167"N	103°52'52.025"W	0.00	
9429.00†	70.000	292.400	9047.60	741.71	300.43	-728.90	639396.25	530803.21	32°27'30.525"N	103°52'53.037"W	0.00	
9447.72†	70.000	292.400	9054.00	758.26	307.13	-745.16	639379.99	530809.91	32°27'30.592"N	103°52'53.226"W	0.00	T/2nd Bone Spring "B" Sand
9458.67	70.000	292.400	9057.74	767.94	311.05	-754.67	639370.48	530813.83	32°27'30.631"N	103°52'53.337"W	0.00	200' Tangent
9529.00†	74.245	292.400	9079.33	830.90	336.56	-816.55	639308.61	530839.33	32°27'30.886"N	103°52'54.058"W	6.03	
9629.00†	80.280	292.400	9101.37	922.62	373.71	-906.68	639218.48	530876.48	32°27'31.258"N	103°52'55.108"W	6.03	
9729.00†	86.315	292.400	9113.04	1016.01	411.54	-998.46	639126.71	530914.31	32°27'31.636"N	103°52'56.177"W	6.03	
9790.07	90.000	292.400	9115.00	1073.43	434.79	-1054.88	639070.29	530937.56	32°27'31.868"N	103°52'56.834"W	6.03	EOC
9829.00†	90.061	290.844	9114.98	1110.23	449.14	-1091.08	639034.10	530951.91	32°27'32.012"N	103°52'57.256"W	4.00	
9929.00†	90.218	286.847	9114.74	1206.21	481.43	-1185.70	638939.49	530984.20	32°27'32.335"N	103°52'58.359"W	4.00	
10029.00†	90.374	282.850	9114.22	1303.90	507.05	-1282.34	638842.86	531009.82	32°27'32.593"N	103°52'59.485"W	4.00	
10129.00†	90.528	278.853	9113.43	1402.84	525.87	-1380.52	638744.67	531028.64	32°27'32.783"N	103°53'00.630"W	4.00	
10229.00†	90.679	274.855	9112.38	1502.54	537.81	-1479.78	638645.42	531040.57	32°27'32.905"N	103°53'01.788"W	4.00	
10329.00†	90.827	270.858	9111.06	1602.51	542.79	-1579.63	638545.58	531045.55	32°27'32.959"N	103°53'02.953"W	4.00	
10350.21	90.858	270.010	9110.75	1623.71	542.95	-1600.84	638524.37	531045.71	32°27'32.961"N	103°53'03.201"W	4.00	TL
10429.00†	90.858	270.010	9109.57	1702.40	542.96	-1679.62	638445.60	531045.72	32°27'32.965"N	103°53'04.120"W	0.00	
10529.00†	90.858	270.010	9108.07	1802.29	542.98	-1779.61	638345.62	531045.74	32°27'32.969"N	103°53'05.287"W	0.00	
10629.00†	90.858	270.010	9106.57	1902.18	543.00	-1879.60	638245.64	531045.76	32°27'32.973"N	103°53'06.454"W	0.00	
10729.00†	90.858	270.010	9105.08	2002.07	543.01	-1979.58	638145.65	531045.78	32°27'32.978"N	103°53'07.621"W	0.00	
10829.00†	90.858	270.010	9103.58	2101.95	543.03	-2079.57	638045.67	531045.79	32°27'32.982"N	103°53'08.788"W	0.00	
10929.00†	90.858	270.010	9102.08	2201.84	543.05	-2179.56	637945.69	531045.81	32°27'32.986"N	103°53'09.955"W	0.00	
11029.00†	90.858	270.010	9100.58	2301.73	543.07	-2279.55	637845.71	531045.83	32°27'32.991"N	103°53'11.122"W	0.00	
11129.00†	90.858	270.010	9099.08	2401.62	543.08	-2379.54	637745.73	531045.84	32°27'32.995"N	103°53'12.288"W	0.00	
11229.00†	90.858	270.010	9097.58	2501.51	543.10	-2479.53	637645.75	531045.86	32°27'32.999"N	103°53'13.455"W	0.00	
11329.00†	90.858	270.010	9096.09	2601.39	543.12	-2579.52	637545.76	531045.88	32°27'33.004"N	103°53'14.622"W	0.00	
11429.00†	90.858	270.010	9094.59	2701.28	543.13	-2679.51	637445.78	531045.90	32°27'33.008"N	103°53'15.789"W	0.00	
11529.00†	90.858	270.010	9093.09	2801.17	543.15	-2779.49	637345.80	531045.91	32°27'33.012"N	103°53'16.956"W	0.00	
11629.00†	90.858	270.010	9091.59	2901.06	543.17	-2879.48	637245.82	531045.93	32°27'33.016"N	103°53'18.123"W	0.00	
11729.00†	90.858	270.010	9090.09	3000.94	543.18	-2979.47	637145.84	531045.95	32°27'33.021"N	103°53'19.290"W	0.00	
11829.00†	90.858	270.010	9088.60	3100.83	543.20	-3079.46	637045.86	531045.96	32°27'33.025"N	103°53'20.457"W	0.00	
11929.00†	90.858	270.010	9087.10	3200.72	543.22	-3179.45	636945.87	531045.98	32°27'33.029"N	103°53'21.624"W	0.00	
12029.00†	90.858	270.010	9085.60	3300.61	543.24	-3279.44	636845.89	531046.00	32°27'33.034"N	103°53'22.791"W	0.00	
12129.00†	90.858	270.010	9084.10	3400.49	543.25	-3379.43	636745.91	531046.02	32°27'33.038"N	103°53'23.958"W	0.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.35H SHL
Area	Eddy County, NM	Well	No.35H
Field	Big Eddy	Wellbore	No.35H PWB
Facility	Big Eddy Unit DI-9		

WELLPATH DATA (223 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
12229.00†	90.858	270.010	9082.60	3500.38	543.27	-3479.42	636645.93	531046.03	32°27'33.042"N	103°53'25.125"W	0.00	
12329.00†	90.858	270.010	9081.10	3600.27	543.29	-3579.41	636545.95	531046.05	32°27'33.046"N	103°53'26.291"W	0.00	
12429.00†	90.858	270.010	9079.61	3700.16	543.30	-3679.39	636445.97	531046.07	32°27'33.051"N	103°53'27.458"W	0.00	
12529.00†	90.858	270.010	9078.11	3800.05	543.32	-3779.38	636345.98	531046.08	32°27'33.055"N	103°53'28.625"W	0.00	
12629.00†	90.858	270.010	9076.61	3899.93	543.34	-3879.37	636246.00	531046.10	32°27'33.059"N	103°53'29.792"W	0.00	
12729.00†	90.858	270.010	9075.11	3999.82	543.36	-3979.36	636146.02	531046.12	32°27'33.063"N	103°53'30.959"W	0.00	
12829.00†	90.858	270.010	9073.61	4099.71	543.37	-4079.35	636046.04	531046.13	32°27'33.068"N	103°53'32.126"W	0.00	
12929.00†	90.858	270.010	9072.12	4199.60	543.39	-4179.34	635946.06	531046.15	32°27'33.072"N	103°53'33.293"W	0.00	
13029.00†	90.858	270.010	9070.62	4299.48	543.41	-4279.33	635846.07	531046.17	32°27'33.076"N	103°53'34.460"W	0.00	
13129.00†	90.858	270.010	9069.12	4399.37	543.42	-4379.32	635746.09	531046.19	32°27'33.080"N	103°53'35.627"W	0.00	
13229.00†	90.858	270.010	9067.62	4499.26	543.44	-4479.30	635646.11	531046.20	32°27'33.085"N	103°53'36.794"W	0.00	
13329.00†	90.858	270.010	9066.12	4599.15	543.46	-4579.29	635546.13	531046.22	32°27'33.089"N	103°53'37.961"W	0.00	
13429.00†	90.858	270.010	9064.63	4699.04	543.48	-4679.28	635446.15	531046.24	32°27'33.093"N	103°53'39.127"W	0.00	
13529.00†	90.858	270.010	9063.13	4798.92	543.49	-4779.27	635346.17	531046.25	32°27'33.097"N	103°53'40.294"W	0.00	
13629.00†	90.858	270.010	9061.63	4898.81	543.51	-4879.26	635246.18	531046.27	32°27'33.102"N	103°53'41.461"W	0.00	
13729.00†	90.858	270.010	9060.13	4998.70	543.53	-4979.25	635146.20	531046.29	32°27'33.106"N	103°53'42.628"W	0.00	
13829.00†	90.858	270.010	9058.63	5098.59	543.54	-5079.24	635046.22	531046.31	32°27'33.110"N	103°53'43.795"W	0.00	
13929.00†	90.858	270.010	9057.13	5198.47	543.56	-5179.23	634946.24	531046.32	32°27'33.114"N	103°53'44.962"W	0.00	
14029.00†	90.858	270.010	9055.64	5298.36	543.58	-5279.21	634846.26	531046.34	32°27'33.119"N	103°53'46.129"W	0.00	
14129.00†	90.858	270.010	9054.14	5398.25	543.60	-5379.20	634746.28	531046.36	32°27'33.123"N	103°53'47.296"W	0.00	
14138.24†	90.858	270.010	9054.00	5407.48	543.60	-5388.44	634737.04	531046.36	32°27'33.123"N	103°53'47.404"W	0.00	1/2nd Bone Spring "B" Sand
14229.00†	90.858	270.010	9052.64	5498.14	543.61	-5479.19	634646.29	531046.37	32°27'33.127"N	103°53'48.463"W	0.00	
14329.00†	90.858	270.010	9051.14	5598.03	543.63	-5579.18	634546.31	531046.39	32°27'33.131"N	103°53'49.630"W	0.00	
14429.00†	90.858	270.010	9049.64	5697.91	543.65	-5679.17	634446.33	531046.41	32°27'33.135"N	103°53'50.797"W	0.00	
14529.00†	90.858	270.010	9048.15	5797.80	543.66	-5779.16	634346.35	531046.43	32°27'33.140"N	103°53'51.964"W	0.00	
14629.00†	90.858	270.010	9046.65	5897.69	543.68	-5879.15	634246.37	531046.44	32°27'33.144"N	103°53'53.130"W	0.00	
14729.00†	90.858	270.010	9045.15	5997.58	543.70	-5979.14	634146.39	531046.46	32°27'33.148"N	103°53'54.297"W	0.00	
14829.00†	90.858	270.010	9043.65	6097.46	543.72	-6079.12	634046.40	531046.48	32°27'33.152"N	103°53'55.464"W	0.00	
14929.00†	90.858	270.010	9042.15	6197.35	543.73	-6179.11	633946.42	531046.49	32°27'33.156"N	103°53'56.631"W	0.00	
15029.00†	90.858	270.010	9040.66	6297.24	543.75	-6279.10	633846.44	531046.51	32°27'33.161"N	103°53'57.798"W	0.00	
15129.00†	90.858	270.010	9039.16	6397.13	543.77	-6379.09	633746.46	531046.53	32°27'33.165"N	103°53'58.965"W	0.00	
15229.00†	90.858	270.010	9037.66	6497.02	543.78	-6479.08	633646.48	531046.55	32°27'33.169"N	103°54'00.132"W	0.00	
15329.00†	90.858	270.010	9036.16	6596.90	543.80	-6579.07	633546.49	531046.56	32°27'33.173"N	103°54'01.299"W	0.00	
15429.00†	90.858	270.010	9034.66	6696.79	543.82	-6679.06	633446.51	531046.58	32°27'33.177"N	103°54'02.466"W	0.00	
15529.00†	90.858	270.010	9033.16	6796.68	543.83	-6779.05	633346.53	531046.60	32°27'33.182"N	103°54'03.633"W	0.00	
15629.00†	90.858	270.010	9031.67	6896.57	543.85	-6879.03	633246.55	531046.61	32°27'33.186"N	103°54'04.800"W	0.00	
15729.00†	90.858	270.010	9030.17	6996.45	543.87	-6979.02	633146.57	531046.63	32°27'33.190"N	103°54'05.967"W	0.00	
15829.00†	90.858	270.010	9028.67	7096.34	543.89	-7079.01	633046.59	531046.65	32°27'33.194"N	103°54'07.133"W	0.00	
15929.00†	90.858	270.010	9027.17	7196.23	543.90	-7179.00	632946.60	531046.66	32°27'33.198"N	103°54'08.300"W	0.00	
16029.00†	90.858	270.010	9025.67	7296.12	543.92	-7278.99	632846.62	531046.68	32°27'33.202"N	103°54'09.467"W	0.00	
16129.00†	90.858	270.010	9024.18	7396.00	543.94	-7378.98	632746.64	531046.70	32°27'33.207"N	103°54'10.634"W	0.00	
16229.00†	90.858	270.010	9022.68	7495.89	543.95	-7478.97	632646.66	531046.72	32°27'33.211"N	103°54'11.801"W	0.00	
16329.00†	90.858	270.010	9021.18	7595.78	543.97	-7578.96	632546.68	531046.73	32°27'33.215"N	103°54'12.968"W	0.00	
16429.00†	90.858	270.010	9019.68	7695.67	543.99	-7678.94	632446.70	531046.75	32°27'33.219"N	103°54'14.135"W	0.00	
16529.00†	90.858	270.010	9018.18	7795.56	544.01	-7778.93	632346.71	531046.77	32°27'33.223"N	103°54'15.302"W	0.00	



Planned Wellpath Report

Rev-E.0

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**BAKER
HUGHES**

REFERENCE WELLPATH IDENTIFICATION

Operator	BOPCO, L.P.	Slot	No.35H SHL
Area	Eddy County, NM	Well	No.35H
Field	Big Eddy	Wellbore	No.35H PWB
Facility	Big Eddy Unit DI-9		

WELLPATH DATA (223 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
16629.00†	90.858	270.010	9016.68	7895.44	544.02	-7878.92	632246.73	531046.78	32°27'33.227"N	103°54'16.469"W	0.00	
16729.00†	90.858	270.010	9015.19	7995.33	544.04	-7978.91	632146.75	531046.80	32°27'33.231"N	103°54'17.636"W	0.00	
16829.00†	90.858	270.010	9013.69	8095.22	544.06	-8078.90	632046.77	531046.82	32°27'33.236"N	103°54'18.803"W	0.00	
16929.00†	90.858	270.010	9012.19	8195.11	544.07	-8178.89	631946.79	531046.84	32°27'33.240"N	103°54'19.970"W	0.00	
17029.00†	90.858	270.010	9010.69	8294.99	544.09	-8278.88	631846.81	531046.85	32°27'33.244"N	103°54'21.137"W	0.00	
17129.00†	90.858	270.010	9009.19	8394.88	544.11	-8378.87	631746.82	531046.87	32°27'33.248"N	103°54'22.303"W	0.00	
17229.00†	90.858	270.010	9007.70	8494.77	544.13	-8478.86	631646.84	531046.89	32°27'33.252"N	103°54'23.470"W	0.00	
17329.00†	90.858	270.010	9006.20	8594.66	544.14	-8578.84	631546.86	531046.90	32°27'33.256"N	103°54'24.637"W	0.00	
17429.00†	90.858	270.010	9004.70	8694.55	544.16	-8678.83	631446.88	531046.92	32°27'33.260"N	103°54'25.804"W	0.00	
17529.00†	90.858	270.010	9003.20	8794.43	544.18	-8778.82	631346.90	531046.94	32°27'33.264"N	103°54'26.971"W	0.00	
17629.00†	90.858	270.010	9001.70	8894.32	544.19	-8878.81	631246.91	531046.96	32°27'33.269"N	103°54'28.138"W	0.00	
17729.00†	90.858	270.010	9000.21	8994.21	544.21	-8978.80	631146.93	531046.97	32°27'33.273"N	103°54'29.305"W	0.00	
17829.00†	90.858	270.010	8998.71	9094.10	544.23	-9078.79	631046.95	531046.99	32°27'33.277"N	103°54'30.472"W	0.00	
17929.00†	90.858	270.010	8997.21	9193.98	544.25	-9178.78	630946.97	531047.01	32°27'33.281"N	103°54'31.639"W	0.00	
18029.00†	90.858	270.010	8995.71	9293.87	544.26	-9278.77	630846.99	531047.02	32°27'33.285"N	103°54'32.806"W	0.00	
18129.00†	90.858	270.010	8994.21	9393.76	544.28	-9378.75	630747.01	531047.04	32°27'33.289"N	103°54'33.973"W	0.00	
18229.00†	90.858	270.010	8992.71	9493.65	544.30	-9478.74	630647.02	531047.06	32°27'33.293"N	103°54'35.140"W	0.00	
18329.00†	90.858	270.010	8991.22	9593.54	544.31	-9578.73	630547.04	531047.08	32°27'33.297"N	103°54'36.306"W	0.00	
18429.00†	90.858	270.010	8989.72	9693.42	544.33	-9678.72	630447.06	531047.09	32°27'33.301"N	103°54'37.473"W	0.00	
18529.00†	90.858	270.010	8988.22	9793.31	544.35	-9778.71	630347.08	531047.11	32°27'33.305"N	103°54'38.640"W	0.00	
18629.00†	90.858	270.010	8986.72	9893.20	544.36	-9878.70	630247.10	531047.13	32°27'33.310"N	103°54'39.807"W	0.00	
18729.00†	90.858	270.010	8985.22	9993.09	544.38	-9978.69	630147.12	531047.14	32°27'33.314"N	103°54'40.974"W	0.00	
18829.00†	90.858	270.010	8983.73	10092.97	544.40	-10078.68	630047.13	531047.16	32°27'33.318"N	103°54'42.141"W	0.00	
18929.00†	90.858	270.010	8982.23	10192.86	544.42	-10178.66	629947.15	531047.18	32°27'33.322"N	103°54'43.308"W	0.00	
19029.00†	90.858	270.010	8980.73	10292.75	544.43	-10278.65	629847.17	531047.19	32°27'33.326"N	103°54'44.475"W	0.00	
19129.00†	90.858	270.010	8979.23	10392.64	544.45	-10378.64	629747.19	531047.21	32°27'33.330"N	103°54'45.642"W	0.00	
19229.00†	90.858	270.010	8977.73	10492.52	544.47	-10478.63	629647.21	531047.23	32°27'33.334"N	103°54'46.809"W	0.00	
19329.00†	90.858	270.010	8976.24	10592.41	544.48	-10578.62	629547.23	531047.25	32°27'33.338"N	103°54'47.976"W	0.00	
19429.00†	90.858	270.010	8974.74	10692.30	544.50	-10678.61	629447.24	531047.26	32°27'33.342"N	103°54'49.143"W	0.00	
19529.00†	90.858	270.010	8973.24	10792.19	544.52	-10778.60	629347.26	531047.28	32°27'33.346"N	103°54'50.309"W	0.00	
19629.00†	90.858	270.010	8971.74	10892.08	544.54	-10878.59	629247.28	531047.30	32°27'33.350"N	103°54'51.476"W	0.00	
19729.00†	90.858	270.010	8970.24	10991.96	544.55	-10978.57	629147.30	531047.31	32°27'33.354"N	103°54'52.643"W	0.00	
19829.00†	90.858	270.010	8968.74	11091.85	544.57	-11078.56	629047.32	531047.33	32°27'33.358"N	103°54'53.810"W	0.00	
19929.00†	90.858	270.010	8967.25	11191.74	544.59	-11178.55	628947.33	531047.35	32°27'33.362"N	103°54'54.977"W	0.00	
20029.00†	90.858	270.010	8965.75	11291.63	544.60	-11278.54	628847.35	531047.37	32°27'33.366"N	103°54'56.144"W	0.00	
20129.00†	90.858	270.010	8964.25	11391.51	544.62	-11378.53	628747.37	531047.38	32°27'33.370"N	103°54'57.311"W	0.00	
20229.00†	90.858	270.010	8962.75	11491.40	544.64	-11478.52	628647.39	531047.40	32°27'33.375"N	103°54'58.478"W	0.00	
20329.00†	90.858	270.010	8961.25	11591.29	544.66	-11578.51	628547.41	531047.42	32°27'33.379"N	103°54'59.645"W	0.00	
20429.00†	90.858	270.010	8959.76	11691.18	544.67	-11678.50	628447.43	531047.43	32°27'33.383"N	103°55'00.812"W	0.00	
20529.00†	90.858	270.010	8958.26	11791.07	544.69	-11778.48	628347.44	531047.45	32°27'33.387"N	103°55'01.979"W	0.00	
20629.00†	90.858	270.010	8956.76	11890.95	544.71	-11878.47	628247.46	531047.47	32°27'33.391"N	103°55'03.146"W	0.00	
20729.00†	90.858	270.010	8955.26	11990.84	544.72	-11978.46	628147.48	531047.49	32°27'33.395"N	103°55'04.313"W	0.00	
20813.20	90.858	270.010	8954.00	12074.94	544.74	-12062.65	628063.30	531047.50	32°27'33.398"N	103°55'05.295"W	0.00	No.35H PBHL

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) BEU DI9 No.35H PBHL	20813.20	8954.00	544.74	-12062.65	628063.30	531047.50	32°27'33.398"N	103°55'05.295"W	point

SURVEY PROGRAM - Ref Wellbore: No.35H PWB - Ref Wellpath: Rev.E.0				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
29.00	20813.20	NaviTrak (Standard)		No.35H PWB