

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD ArtesiaFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMLC065914

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
891000326X

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
BIG EDDY UNIT D15 4H2. Name of Operator
BOPCO LPContact: LESLIE BARNES
E-Mail: lbarnes@basspet.com9. API Well No.
30-015-40397-00-X13a. Address
P O BOX 2760
MIDLAND, TX 797023b. Phone No. (include area code)
Ph: 432-221-734110. Field and Pool, or Exploratory
PARALLEL

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

Sec 27 T20S R31E SWNE 1980FNL 1848FEL

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, LP respectfully requests to extend proposed bottom hole location to 2,050' FNL & 330' FEL, Sec 25, T20S-R31E. The new directional plan and survey plat are attached for reference. A 4-1/2", 11-6" HCP-110, HYDRIL 563 open hole completion system with packers and sleeves will be set at approximately 19,209' with the top of liner set at 7,624' which is 50' inside of the 7", 26", HCP-110, BTC casing shoe.

Drilling COAs approved on 5/12/14 still stand.

Accepted for record

NMOCD 7/8/14

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 08 2014

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #249767 verified by the BLM Well Information System

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by CATHY QUEEN on 06/18/2014 (14CQ0480SE)

Name (Printed/Typed) LESLIE BARNES

Title ENGINEERING ASSISTANT

Signature (Electronic Submission)

Date 06/16/2014

APPROVED**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1825 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 18, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 49600	Pool Name Parallel (Delaware)
Property Code 305860	Property Name BIG EDDY UNIT DI 5	Well Number 4H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3523'

Surface Location

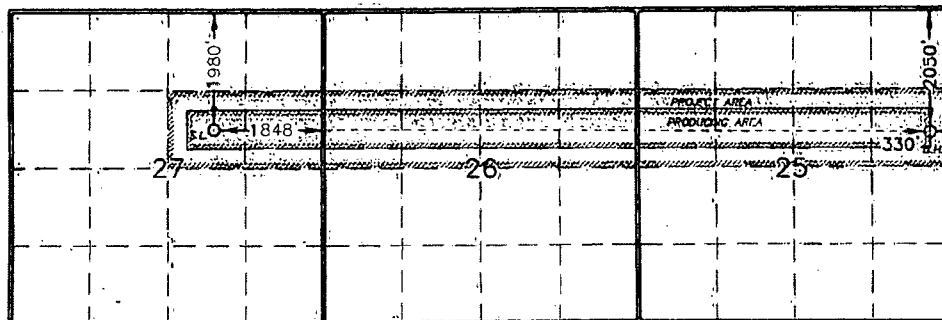
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	20 S	31 E		1980	NORTH	1848	EAST	EDDY

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
H	25	20 S	31 E		2050	NORTH	330	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
400			

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

Lat - N 32°32'45.49"
Long - W 103°51'14.19"
NMSPCE- N 562668.476
E 647722.356
(NAD-27)

PROPOSED BOTTOM
HOLE LOCATION

Lat - N 32°32'44.93"
Long - W 103°48'53.14"
NMSPCE- N 562667.849
E 659795.863
(NAD-27)

SCALE 1" = 3000'

BOTTOM HOLE LOCATION IS CALCULATED
FROM PLATTED GLO DISTANCES.
NO SURVEY WAS PERFORMED FOR BOTTOM HOLE

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 2-16-12
Signature Date

Jeremy Braden
Printed Name
jdbraden@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.

Gary L. Jones 2-16-12
Date
Professional Surveyor
Seal of
Professional Surveyor
No. 26030

Certificate No. Gary L. Jones 7977

BASIN SURVEYS 26030

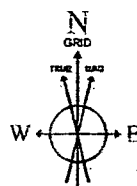
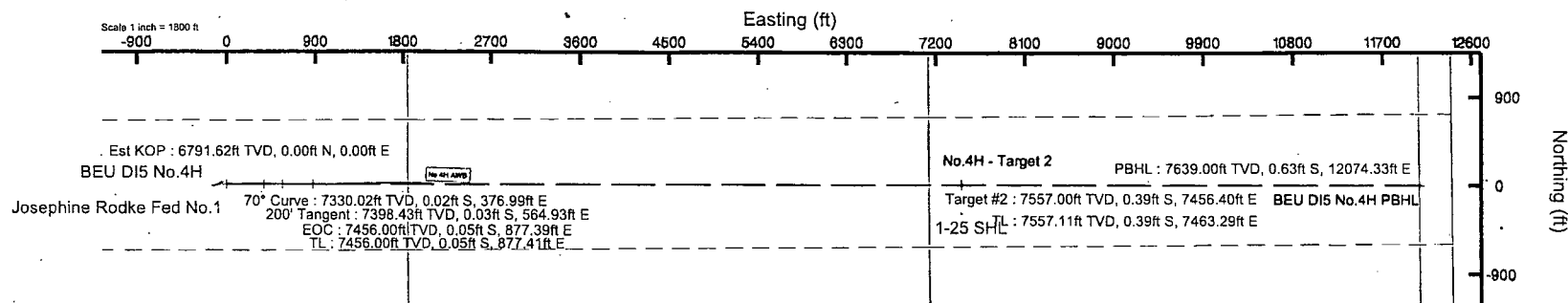


WTD - West Texas Division

Location: Eddy County, NM
Field: Big Eddy Unit
Facility: Drilling Island 5

Slot: BEU D15 No.4H
Well: No.4H
Wellbore: No.4H PWB

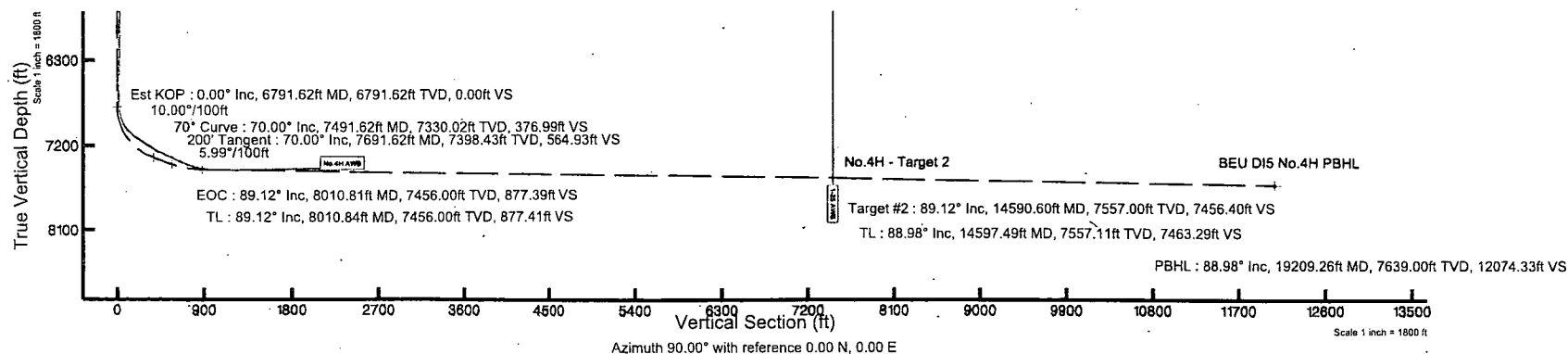
BOPCO, L.P.



IGRF-11 (1900.0 thru 2014.0) Dip: 60.36° Field: 48490 nT
Magnetic North is 7.38 degrees East of True North (at 5/6/2014)
Grid North is 0.26 degrees East of True North
To correct azimuth from True to Grid subtract 0.26 degrees
To correct azimuth from Magnetic to Grid add 7.12 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	90.003	29.00	0.00	0.00	0.00	0.00
Est KOP	6791.62	0.000	90.003	6791.62	0.00	0.00	0.00	0.00
70° Curve	7491.62	70.000	90.003	7330.02	-0.02	376.99	10.00	376.99
200' Tangent	7691.62	70.000	90.003	7398.43	-0.03	564.93	0.00	564.93
EOC	8010.81	89.120	90.003	7456.00	-0.05	877.39	5.99	877.39
TL	8010.84	89.120	90.003	7456.00	-0.05	877.41	2.00	877.41
Target #2	14590.60	89.120	90.003	7557.00	-0.39	7456.40	0.00	7456.40
TL	14597.49	88.983	90.003	7557.11	-0.39	7463.29	2.00	7463.29
PBHL	19209.26	88.983	90.003	7639.00	-0.63	12074.33	0.00	12074.33

Plot reference wellpath is B-2	
True vertical depths are referenced to Rig on BEU D15 No.4H (KB)	Grid System: NAD27 / TM New Mexico SP, Eastern Zone (3081), US feet
Measured depths are referenced to Rig on BEU D15 No.4H (KB)	North Reference: Grid north
Rig on BEU D15 No.4H (KB) to Mean Sea Level: 3552 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot BEU D15 No.4H): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: BWG/erity on 5/13/2014





Planned Wellpath Report

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BOPCO, L.P.

REFERENCE WELLPATH IDENTIFICATION			
Operator	WTD - West Texas Division	Slot	BEU DI5 No.4H
Area	Eddy County, NM	Well	No.4H
Field	Big Eddy Unit	Wellbore	No.4H PWB
Facility	Drilling Island 5		

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	BWGentry
Scale	0.999934	Report Generated	6/13/2014 at 2:42:39 PM
Convergence at slot	0.26° East	Database/Source file	WellArchitectDB/No.4H_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	38.48	74.36	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W
Facility Reference Pt			647648.00	562630.00	32°32'45.114"N	103°51'15.060"W
Field Reference Pt			640125.10	530502.80	32°27'27.522"N	103°52'44.545"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on BEU DI5 No.4H (KB) to Facility Vertical Datum	3552.00ft
Horizontal Reference Pt	Slot	Rig on BEU DI5 No.4H (KB) to Mean Sea Level	3552.00ft
Vertical Reference Pt	Rig on BEU DI5 No.4H (KB)	Rig on BEU DI5 No.4H (KB) to Mud Line at Slot (BEU DI5 No.4H)	3552.00ft
MD Reference Pt	Rig on BEU DI5 No.4H (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	90.00°



Planned Wellpath Report

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BOPCO, L.P.

REFERENCE WELLPATH IDENTIFICATION			
Operator	WTD - West Texas Division	Slot	BEU D15 No.4H
Area	Eddy County, NM	Well	No.4H
Field	Big Eddy Unit	Wellbore	No.4H PWB
Facility	Drilling Island 5		

WELLPATH DATA (211 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	90.003	0.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
29.00	0.000	90.003	29.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	Tie On
129.00†	0.000	90.003	129.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
229.00†	0.000	90.003	229.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
329.00†	0.000	90.003	329.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
429.00†	0.000	90.003	429.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
529.00†	0.000	90.003	529.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
629.00†	0.000	90.003	629.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
676.00†	0.000	90.003	676.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	T/Rustler Anhydrite
729.00†	0.000	90.003	729.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
829.00†	0.000	90.003	829.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
858.00†	0.000	90.003	858.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	T/Salt
929.00†	0.000	90.003	929.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1029.00†	0.000	90.003	1029.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1129.00†	0.000	90.003	1129.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1229.00†	0.000	90.003	1229.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1329.00†	0.000	90.003	1329.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1429.00†	0.000	90.003	1429.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1529.00†	0.000	90.003	1529.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1629.00†	0.000	90.003	1629.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1729.00†	0.000	90.003	1729.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1829.00†	0.000	90.003	1829.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
1929.00†	0.000	90.003	1929.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2029.00†	0.000	90.003	2029.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2129.00†	0.000	90.003	2129.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2229.00†	0.000	90.003	2229.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2329.00†	0.000	90.003	2329.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2429.00†	0.000	90.003	2429.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2529.00†	0.000	90.003	2529.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2629.00†	0.000	90.003	2629.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2636.00†	0.000	90.003	2636.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	B/Salt
2729.00†	0.000	90.003	2729.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2829.00†	0.000	90.003	2829.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
2903.00†	0.000	90.003	2903.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	T/Tansill
2929.00†	0.000	90.003	2929.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3029.00†	0.000	90.003	3029.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3129.00†	0.000	90.003	3129.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3229.00†	0.000	90.003	3229.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3246.00†	0.000	90.003	3246.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	T/Delaware Mtn Group
3329.00†	0.000	90.003	3329.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3429.00†	0.000	90.003	3429.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3529.00†	0.000	90.003	3529.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3629.00†	0.000	90.003	3629.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3729.00†	0.000	90.003	3729.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
3829.00†	0.000	90.003	3829.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	



Planned Wellpath Report

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BOPCO, L.P.

REFERENCE WELLPATH IDENTIFICATION

Operator	WTD - West Texas Division	Slot	BEU D15 No.4H
Area	Eddy County, NM	Well	No.4H
Field	Big Eddy Unit	Wellbore	No.4H PWB
Facility	Drilling Island 5		

WELLPATH DATA (211 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
3840.00†	0.000	90.003	3840.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	T/1st Delaware Sand
3929.00†	0.000	90.003	3929.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4029.00†	0.000	90.003	4029.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4129.00†	0.000	90.003	4129.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4229.00†	0.000	90.003	4229.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4329.00†	0.000	90.003	4329.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4429.00†	0.000	90.003	4429.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4529.00†	0.000	90.003	4529.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4629.00†	0.000	90.003	4629.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4729.00†	0.000	90.003	4729.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4829.00†	0.000	90.003	4829.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
4929.00†	0.000	90.003	4929.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5029.00†	0.000	90.003	5029.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5129.00†	0.000	90.003	5129.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5229.00†	0.000	90.003	5229.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5329.00†	0.000	90.003	5329.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5429.00†	0.000	90.003	5429.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5529.00†	0.000	90.003	5529.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5629.00†	0.000	90.003	5629.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5729.00†	0.000	90.003	5729.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5829.00†	0.000	90.003	5829.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
5929.00†	0.000	90.003	5929.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6029.00†	0.000	90.003	6029.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6129.00†	0.000	90.003	6129.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6156.00†	0.000	90.003	6156.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	T/Brushy Canyon
6229.00†	0.000	90.003	6229.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6329.00†	0.000	90.003	6329.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6429.00†	0.000	90.003	6429.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6529.00†	0.000	90.003	6529.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6629.00†	0.000	90.003	6629.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6729.00†	0.000	90.003	6729.00	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	
6791.62	0.000	90.003	6791.62	0.00	0.00	0.00	647722.36	562668.48	32°32'45.492"N	103°51'14.189"W	0.00	Est KOP
6829.00†	3.738	90.003	6828.97	1.22	0.00	1.22	647723.57	562668.48	32°32'45.492"N	103°51'14.175"W	10.00	
6929.00†	13.738	90.003	6927.69	16.39	0.00	16.39	647738.75	562668.48	32°32'45.491"N	103°51'13.998"W	10.00	
6974.07†	18.245	90.003	6971.00	28.80	0.00	28.80	647751.16	562668.47	32°32'45.490"N	103°51'13.853"W	10.00	T/Cobb Pay Zone
7029.00†	23.738	90.003	7022.27	48.47	0.00	48.47	647770.83	562668.47	32°32'45.489"N	103°51'13.623"W	10.00	
7129.00†	33.738	90.003	7109.84	96.49	-0.01	96.49	647818.84	562668.47	32°32'45.487"N	103°51'13.062"W	10.00	
7229.00†	43.738	90.003	7187.74	158.99	-0.01	158.99	647881.34	562668.47	32°32'45.485"N	103°51'12.332"W	10.00	
7329.00†	53.738	90.003	7253.61	234.07	-0.01	234.07	647956.41	562668.46	32°32'45.481"N	103°51'11.455"W	10.00	
7370.65†	57.903	90.003	7277.00	268.51	-0.01	268.51	647990.85	562668.46	32°32'45.480"N	103°51'11.053"W	10.00	T/Lwr Brushy Canyon "8A"
7429.00†	63.738	90.003	7305.44	319.44	-0.02	319.44	648041.77	562668.46	32°32'45.477"N	103°51'10.458"W	10.00	
7491.62	70.000	90.003	7330.02	376.99	-0.02	376.99	648099.33	562668.46	32°32'45.475"N	103°51'09.785"W	10.00	70° Curve
7529.00†	70.000	90.003	7342.81	412.12	-0.02	412.12	648134.45	562668.45	32°32'45.473"N	103°51'09.375"W	0.00	
7629.00†	70.000	90.003	7377.01	506.09	-0.03	506.09	648228.41	562668.45	32°32'45.469"N	103°51'08.277"W	0.00	
7691.62	70.000	90.003	7398.43	564.93	-0.03	564.93	648287.25	562668.45	32°32'45.466"N	103°51'07.590"W	0.00	200' Tangent



Planned Wellpath Report

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BOPCO, L.P.

REFERENCE WELLPATH IDENTIFICATION			
Operator	WTD - West Texas Division	Slot	BEU DIS No.4H
Area	Eddy County, NM	Well	No.4H
Field	Big Eddy Unit	Wellbore	No.4H PWB
Facility	Drilling Island 5		

WELLPATH DATA (211 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
7729.00+	72.239	90.003	7410.52	600.30	-0.03	600.30	648322.61	562668.44	32°32'45.465"N	103°51'07.177"W	5.99	
7751.03+	73.558	90.003	7417.00	621.35	-0.03	621.35	648343.66	562668.44	32°32'45.464"N	103°51'06.931"W	5.99	T/Lwr Brushy Canyon "Y"
7829.00+	78.229	90.003	7436.00	696.95	-0.04	696.95	648419.26	562668.44	32°32'45.460"N	103°51'06.048"W	5.99	
7929.00+	84.219	90.003	7451.25	795.74	-0.04	795.74	648518.04	562668.43	32°32'45.456"N	103°51'04.894"W	5.99	
8010.81+	89.120	90.003	7456.00	877.39	-0.05	877.39	648599.68	562668.43	32°32'45.452"N	103°51'03.940"W	5.99	EOC
8010.84	89.120	90.003	7456.00	877.41	-0.05	877.41	648599.71	562668.43	32°32'45.452"N	103°51'03.940"W	2.00	TL
8029.00+	89.120	90.003	7456.28	895.57	-0.05	895.57	648617.87	562668.43	32°32'45.451"N	103°51'03.728"W	0.00	
8129.00+	89.120	90.003	7457.81	995.56	-0.05	995.56	648717.85	562668.42	32°32'45.447"N	103°51'02.560"W	0.00	
8229.00+	89.120	90.003	7459.35	1095.55	-0.06	1095.55	648817.83	562668.42	32°32'45.442"N	103°51'01.392"W	0.00	
8329.00+	89.120	90.003	7460.88	1195.54	-0.06	1195.54	648917.81	562668.41	32°32'45.438"N	103°51'00.224"W	0.00	
8429.00+	89.120	90.003	7462.42	1295.53	-0.07	1295.53	649017.79	562668.41	32°32'45.433"N	103°50'59.056"W	0.00	
8529.00+	89.120	90.003	7463.95	1395.51	-0.07	1395.51	649117.77	562668.40	32°32'45.429"N	103°50'57.887"W	0.00	
8629.00+	89.120	90.003	7465.49	1495.50	-0.08	1495.50	649217.76	562668.40	32°32'45.424"N	103°50'56.719"W	0.00	
8729.00+	89.120	90.003	7467.02	1595.49	-0.08	1595.49	649317.74	562668.39	32°32'45.419"N	103°50'55.551"W	0.00	
8829.00+	89.120	90.003	7468.56	1695.48	-0.09	1695.48	649417.72	562668.39	32°32'45.415"N	103°50'54.383"W	0.00	
8929.00+	89.120	90.003	7470.09	1795.47	-0.09	1795.47	649517.70	562668.38	32°32'45.410"N	103°50'53.215"W	0.00	
9029.00+	89.120	90.003	7471.63	1895.45	-0.10	1895.45	649617.68	562668.38	32°32'45.406"N	103°50'52.047"W	0.00	
9129.00+	89.120	90.003	7473.16	1995.44	-0.10	1995.44	649717.66	562668.37	32°32'45.401"N	103°50'50.879"W	0.00	
9229.00+	89.120	90.003	7474.70	2095.43	-0.11	2095.43	649817.64	562668.37	32°32'45.397"N	103°50'49.711"W	0.00	
9329.00+	89.120	90.003	7476.23	2195.42	-0.11	2195.42	649917.63	562668.36	32°32'45.392"N	103°50'48.543"W	0.00	
9429.00+	89.120	90.003	7477.77	2295.41	-0.12	2295.41	650017.61	562668.36	32°32'45.387"N	103°50'47.375"W	0.00	
9529.00+	89.120	90.003	7479.30	2395.40	-0.13	2395.40	650117.59	562668.35	32°32'45.383"N	103°50'46.207"W	0.00	
9629.00+	89.120	90.003	7480.84	2495.38	-0.13	2495.38	650217.57	562668.35	32°32'45.378"N	103°50'45.039"W	0.00	
9729.00+	89.120	90.003	7482.37	2595.37	-0.14	2595.37	650317.55	562668.34	32°32'45.374"N	103°50'43.871"W	0.00	
9829.00+	89.120	90.003	7483.91	2695.36	-0.14	2695.36	650417.53	562668.33	32°32'45.369"N	103°50'42.703"W	0.00	
9929.00+	89.120	90.003	7485.44	2795.35	-0.15	2795.35	650517.51	562668.33	32°32'45.365"N	103°50'41.535"W	0.00	
10029.00+	89.120	90.003	7486.98	2895.34	-0.15	2895.34	650617.50	562668.32	32°32'45.360"N	103°50'40.367"W	0.00	
10129.00+	89.120	90.003	7488.51	2995.32	-0.16	2995.32	650717.48	562668.32	32°32'45.355"N	103°50'39.199"W	0.00	
10229.00+	89.120	90.003	7490.05	3095.31	-0.16	3095.31	650817.46	562668.31	32°32'45.351"N	103°50'38.031"W	0.00	
10329.00+	89.120	90.003	7491.58	3195.30	-0.17	3195.30	650917.44	562668.31	32°32'45.346"N	103°50'36.863"W	0.00	
10429.00+	89.120	90.003	7493.12	3295.29	-0.17	3295.29	651017.42	562668.30	32°32'45.342"N	103°50'35.695"W	0.00	
10529.00+	89.120	90.003	7494.65	3395.28	-0.18	3395.28	651117.40	562668.30	32°32'45.337"N	103°50'34.527"W	0.00	
10629.00+	89.120	90.003	7496.19	3495.27	-0.18	3495.27	651217.38	562668.29	32°32'45.332"N	103°50'33.359"W	0.00	
10729.00+	89.120	90.003	7497.72	3595.25	-0.19	3595.25	651317.37	562668.29	32°32'45.328"N	103°50'32.191"W	0.00	
10829.00+	89.120	90.003	7499.26	3695.24	-0.19	3695.24	651417.35	562668.28	32°32'45.323"N	103°50'31.023"W	0.00	
10929.00+	89.120	90.003	7500.79	3795.23	-0.20	3795.23	651517.33	562668.28	32°32'45.318"N	103°50'29.855"W	0.00	
11029.00+	89.120	90.003	7502.33	3895.22	-0.20	3895.22	651617.31	562668.27	32°32'45.314"N	103°50'28.687"W	0.00	
11129.00+	89.120	90.003	7503.86	3995.21	-0.21	3995.21	651717.29	562668.27	32°32'45.309"N	103°50'27.519"W	0.00	
11229.00+	89.120	90.003	7505.40	4095.20	-0.21	4095.20	651817.27	562668.26	32°32'45.305"N	103°50'26.351"W	0.00	
11329.00+	89.120	90.003	7506.93	4195.18	-0.22	4195.18	651917.25	562668.26	32°32'45.300"N	103°50'25.183"W	0.00	
11429.00+	89.120	90.003	7508.47	4295.17	-0.22	4295.17	652017.24	562668.25	32°32'45.295"N	103°50'24.015"W	0.00	
11529.00+	89.120	90.003	7510.00	4395.16	-0.23	4395.16	652117.22	562668.25	32°32'45.291"N	103°50'22.847"W	0.00	
11629.00+	89.120	90.003	7511.54	4495.15	-0.24	4495.15	652217.20	562668.24	32°32'45.286"N	103°50'21.679"W	0.00	
11729.00+	89.120	90.003	7513.07	4595.14	-0.24	4595.14	652317.18	562668.24	32°32'45.281"N	103°50'20.511"W	0.00	
11829.00+	89.120	90.003	7514.61	4695.12	-0.25	4695.12	652417.16	562668.23	32°32'45.277"N	103°50'19.343"W	0.00	



Planned Wellpath Report

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BOPCO, L.P.

REFERENCE WELLPATH IDENTIFICATION			
Operator	WTD - West Texas Division	Slot	BEU DIS No.4H
Area	Eddy County, NM	Well	No.4H
Field	Big Eddy Unit	Wellbore	No.4H PWB
Facility	Drilling Island 5		

WELLPATH DATA (211 stations) † = interpolated/extrapolated station												
MD [ft]	Inclination [°]	Azimuth [°]	TYD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11929.00†	89.120	90.003	7516.14	4795.11	-0.25	4795.11	652517.14	562668.22	32°32'45.272"N	103°50'18.175"W	0.00	
12029.00†	89.120	90.003	7517.68	4895.10	-0.26	4895.10	652617.12	562668.22	32°32'45.267"N	103°50'17.007"W	0.00	
12129.00†	89.120	90.003	7519.21	4995.09	-0.26	4995.09	652717.11	562668.21	32°32'45.263"N	103°50'15.839"W	0.00	
12229.00†	89.120	90.003	7520.75	5095.08	-0.27	5095.08	652817.09	562668.21	32°32'45.258"N	103°50'14.671"W	0.00	
12329.00†	89.120	90.003	7522.28	5195.07	-0.27	5195.07	652917.07	562668.20	32°32'45.254"N	103°50'13.503"W	0.00	
12429.00†	89.120	90.003	7523.82	5295.05	-0.28	5295.05	653017.05	562668.20	32°32'45.249"N	103°50'12.335"W	0.00	
12529.00†	89.120	90.003	7525.35	5395.04	-0.28	5395.04	653117.03	562668.19	32°32'45.244"N	103°50'11.166"W	0.00	
12629.00†	89.120	90.003	7526.89	5495.03	-0.29	5495.03	653217.01	562668.19	32°32'45.240"N	103°50'09.998"W	0.00	
12729.00†	89.120	90.003	7528.42	5595.02	-0.29	5595.02	653316.99	562668.18	32°32'45.235"N	103°50'08.830"W	0.00	
12829.00†	89.120	90.003	7529.96	5695.01	-0.30	5695.01	653416.98	562668.18	32°32'45.230"N	103°50'07.662"W	0.00	
12929.00†	89.120	90.003	7531.49	5795.00	-0.30	5795.00	653516.96	562668.17	32°32'45.226"N	103°50'06.494"W	0.00	
13029.00†	89.120	90.003	7533.03	5894.98	-0.31	5894.98	653616.94	562668.17	32°32'45.221"N	103°50'05.326"W	0.00	
13129.00†	89.120	90.003	7534.56	5994.97	-0.31	5994.97	653716.92	562668.16	32°32'45.216"N	103°50'04.158"W	0.00	
13229.00†	89.120	90.003	7536.10	6094.96	-0.32	6094.96	653816.90	562668.16	32°32'45.211"N	103°50'02.990"W	0.00	
13329.00†	89.120	90.003	7537.63	6194.95	-0.32	6194.95	653916.88	562668.15	32°32'45.207"N	103°50'01.822"W	0.00	
13429.00†	89.120	90.003	7539.17	6294.94	-0.33	6294.94	654016.86	562668.15	32°32'45.202"N	103°50'00.654"W	0.00	
13529.00†	89.120	90.003	7540.70	6394.92	-0.33	6394.92	654116.85	562668.14	32°32'45.197"N	103°49'59.486"W	0.00	
13629.00†	89.120	90.003	7542.24	6494.91	-0.34	6494.91	654216.83	562668.14	32°32'45.193"N	103°49'58.318"W	0.00	
13729.00†	89.120	90.003	7543.77	6594.90	-0.35	6594.90	654316.81	562668.13	32°32'45.188"N	103°49'57.150"W	0.00	
13829.00†	89.120	90.003	7545.31	6694.89	-0.35	6694.89	654416.79	562668.13	32°32'45.183"N	103°49'55.982"W	0.00	
13929.00†	89.120	90.003	7546.84	6794.88	-0.36	6794.88	654516.77	562668.12	32°32'45.179"N	103°49'54.814"W	0.00	
14029.00†	89.120	90.003	7548.38	6894.87	-0.36	6894.87	654616.75	562668.12	32°32'45.174"N	103°49'53.646"W	0.00	
14129.00†	89.120	90.003	7549.91	6994.85	-0.37	6994.85	654716.73	562668.11	32°32'45.169"N	103°49'52.478"W	0.00	
14229.00†	89.120	90.003	7551.45	7094.84	-0.37	7094.84	654816.72	562668.10	32°32'45.164"N	103°49'51.310"W	0.00	
14329.00†	89.120	90.003	7552.98	7194.83	-0.38	7194.83	654916.70	562668.10	32°32'45.160"N	103°49'50.142"W	0.00	
14429.00†	89.120	90.003	7554.52	7294.82	-0.38	7294.82	655016.68	562668.09	32°32'45.155"N	103°49'48.974"W	0.00	
14529.00†	89.120	90.003	7556.05	7394.81	-0.39	7394.81	655116.66	562668.09	32°32'45.150"N	103°49'47.806"W	0.00	
14590.60	89.120	90.003	7557.00	7456.40	-0.39	7456.40	655117.825	562668.09	32°32'45.147"N	103°49'47.087"W	0.00	Target #2
14597.49	88.983	90.003	7557.11	7463.29	-0.39	7463.29	655185.14	562668.09	32°32'45.147"N	103°49'47.006"W	2.00	TL
14629.00†	88.983	90.003	7557.67	7494.79	-0.39	7494.79	655216.64	562668.08	32°32'45.146"N	103°49'46.638"W	0.00	
14729.00†	88.983	90.003	7559.45	7594.78	-0.40	7594.78	655316.62	562668.08	32°32'45.141"N	103°49'45.470"W	0.00	
14829.00†	88.983	90.003	7561.22	7694.76	-0.40	7694.76	655416.60	562668.07	32°32'45.136"N	103°49'44.302"W	0.00	
14929.00†	88.983	90.003	7563.00	7794.75	-0.41	7794.75	655516.57	562668.07	32°32'45.131"N	103°49'43.134"W	0.00	
15029.00†	88.983	90.003	7564.78	7894.73	-0.41	7894.73	655616.55	562668.06	32°32'45.127"N	103°49'41.966"W	0.00	
15129.00†	88.983	90.003	7566.55	7994.71	-0.42	7994.71	655716.53	562668.06	32°32'45.122"N	103°49'40.798"W	0.00	
15229.00†	88.983	90.003	7568.33	8094.70	-0.42	8094.70	655816.51	562668.05	32°32'45.117"N	103°49'39.630"W	0.00	
15329.00†	88.983	90.003	7570.10	8194.68	-0.43	8194.68	655916.48	562668.05	32°32'45.112"N	103°49'38.462"W	0.00	
15429.00†	88.983	90.003	7571.88	8294.67	-0.43	8294.67	656016.46	562668.04	32°32'45.108"N	103°49'37.294"W	0.00	
15529.00†	88.983	90.003	7573.65	8394.65	-0.44	8394.65	656116.44	562668.04	32°32'45.103"N	103°49'36.126"W	0.00	
15629.00†	88.983	90.003	7575.43	8494.64	-0.44	8494.64	656216.41	562668.03	32°32'45.098"N	103°49'34.958"W	0.00	
15729.00†	88.983	90.003	7577.20	8594.62	-0.45	8594.62	656316.39	562668.03	32°32'45.093"N	103°49'33.790"W	0.00	
15829.00†	88.983	90.003	7578.98	8694.60	-0.45	8694.60	656416.37	562668.02	32°32'45.089"N	103°49'32.622"W	0.00	
15929.00†	88.983	90.003	7580.76	8794.59	-0.46	8794.59	656516.35	562668.02	32°32'45.084"N	103°49'31.454"W	0.00	
16029.00†	88.983	90.003	7582.53	8894.57	-0.46	8894.57	656616.32	562668.01	32°32'45.079"N	103°49'30.286"W	0.00	
16129.00†	88.983	90.003	7584.31	8994.56	-0.47	8994.56	656716.30	562668.01	32°32'45.074"N	103°49'29.118"W	0.00	



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BOPCO, L.P.

REFERENCE WELLPATH IDENTIFICATION			
Operator	WTD - West Texas Division	Slot	BEU DIS No.4H
Area	Eddy County, NM	Well	No.4H
Field	Big Eddy Unit	Wellbore	No.4H PWB
Facility	Drilling Island 5		

WELLPATH DATA (241 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
16229.00†	88.983	90.003	7586.08	9094.54	-0.47	9094.54	656816.28	562668.00	32°32'45.069"N	103°49'27.950"W	0.00	
16329.00†	88.983	90.003	7587.86	9194.53	-0.48	9194.53	656916.26	562668.00	32°32'45.065"N	103°49'26.782"W	0.00	
16429.00†	88.983	90.003	7589.63	9294.51	-0.48	9294.51	657016.23	562667.99	32°32'45.060"N	103°49'25.614"W	0.00	
16529.00†	88.983	90.003	7591.41	9394.49	-0.49	9394.49	657116.21	562667.99	32°32'45.055"N	103°49'24.447"W	0.00	
16629.00†	88.983	90.003	7593.19	9494.48	-0.49	9494.48	657216.19	562667.98	32°32'45.050"N	103°49'23.279"W	0.00	
16729.00†	88.983	90.003	7594.96	9594.46	-0.50	9594.46	657316.17	562667.98	32°32'45.046"N	103°49'22.111"W	0.00	
16829.00†	88.983	90.003	7596.74	9694.45	-0.51	9694.45	657416.14	562667.97	32°32'45.041"N	103°49'20.943"W	0.00	
16929.00†	88.983	90.003	7598.51	9794.43	-0.51	9794.43	657516.12	562667.97	32°32'45.036"N	103°49'19.775"W	0.00	
17029.00†	88.983	90.003	7600.29	9894.42	-0.52	9894.42	657616.10	562667.96	32°32'45.031"N	103°49'18.607"W	0.00	
17129.00†	88.983	90.003	7602.06	9994.40	-0.52	9994.40	657716.08	562667.96	32°32'45.026"N	103°49'17.439"W	0.00	
17229.00†	88.983	90.003	7603.84	10094.38	-0.53	10094.38	657816.05	562667.95	32°32'45.022"N	103°49'16.271"W	0.00	
17329.00†	88.983	90.003	7605.61	10194.37	-0.53	10194.37	657916.03	562667.95	32°32'45.017"N	103°49'15.103"W	0.00	
17429.00†	88.983	90.003	7607.39	10294.35	-0.54	10294.35	658016.01	562667.94	32°32'45.012"N	103°49'13.935"W	0.00	
17529.00†	88.983	90.003	7609.17	10394.34	-0.54	10394.34	658115.99	562667.94	32°32'45.007"N	103°49'12.767"W	0.00	
17629.00†	88.983	90.003	7610.94	10494.32	-0.55	10494.32	658215.96	562667.93	32°32'45.002"N	103°49'11.599"W	0.00	
17729.00†	88.983	90.003	7612.72	10594.30	-0.55	10594.30	658315.94	562667.92	32°32'44.997"N	103°49'10.431"W	0.00	
17829.00†	88.983	90.003	7614.49	10694.29	-0.56	10694.29	658415.92	562667.92	32°32'44.993"N	103°49'09.263"W	0.00	
17929.00†	88.983	90.003	7616.27	10794.27	-0.56	10794.27	658515.90	562667.91	32°32'44.988"N	103°49'08.095"W	0.00	
18029.00†	88.983	90.003	7618.04	10894.26	-0.57	10894.26	658615.87	562667.91	32°32'44.983"N	103°49'06.927"W	0.00	
18129.00†	88.983	90.003	7619.82	10994.24	-0.57	10994.24	658715.85	562667.90	32°32'44.978"N	103°49'05.759"W	0.00	
18229.00†	88.983	90.003	7621.59	11094.23	-0.58	11094.23	658815.83	562667.90	32°32'44.973"N	103°49'04.591"W	0.00	
18329.00†	88.983	90.003	7623.37	11194.21	-0.58	11194.21	658915.81	562667.89	32°32'44.968"N	103°49'03.423"W	0.00	
18429.00†	88.983	90.003	7625.15	11294.19	-0.59	11294.19	659015.78	562667.89	32°32'44.964"N	103°49'02.255"W	0.00	
18529.00†	88.983	90.003	7626.92	11394.18	-0.59	11394.18	659115.76	562667.88	32°32'44.959"N	103°49'01.087"W	0.00	
18629.00†	88.983	90.003	7628.70	11494.16	-0.60	11494.16	659215.74	562667.88	32°32'44.954"N	103°48'59.919"W	0.00	
18729.00†	88.983	90.003	7630.47	11594.15	-0.60	11594.15	659315.72	562667.87	32°32'44.949"N	103°48'58.751"W	0.00	
18829.00†	88.983	90.003	7632.25	11694.13	-0.61	11694.13	659415.69	562667.87	32°32'44.944"N	103°48'57.583"W	0.00	
18929.00†	88.983	90.003	7634.02	11794.12	-0.61	11794.12	659515.67	562667.86	32°32'44.939"N	103°48'56.415"W	0.00	
19029.00†	88.983	90.003	7635.80	11894.10	-0.62	11894.10	659615.65	562667.86	32°32'44.934"N	103°48'55.247"W	0.00	
19129.00†	88.983	90.003	7637.57	11994.08	-0.62	11994.08	659715.63	562667.85	32°32'44.930"N	103°48'54.079"W	0.00	
19209.26	88.983	90.003	7639.00†	12074.33	-0.63	12074.33	659795.86	562667.85	32°32'44.926"N	103°48'53.142"W	0.00	PBHL



Planned Wellpath Report

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BOPCO, L.P.

REFERENCE WELLPATH IDENTIFICATION			
Operator	WTD - West Texas Division	Slot	BEU DI5 No.4H
Area	Eddy County, NM	Well	No.4H
Field	Big Eddy Unit	Wellbore	No.4H PWB
Facility	Drilling Island 5		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) No.4H - Target 2	14590.60	7557.00	-0.39	7456.40	655178.25	562668.09	32°32'45.147"N	103°49'47.087"W	point
2) BEU DI5 No.4H PBHL	19209.26	7639.00	-0.63	12074.33	659795.86	562667.85	32°32'44.926"N	103°48'53.142"W	point

SURVEY PROGRAM - Ref Wellbore: No.4H PWB - Ref Wellpath: B-2				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
29.00	19209.26	NaviTrak (Standard)		No.4H PWB