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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-43138		² Pool Code		³ Pool Name					
⁴ Property Code		⁵ Property Name CHILI PARLOR 17 FEDERAL						⁶ Well Number 3H	
⁷ OGRID No. 160825		⁸ Operator Name B.C. OPERATING, INC.						⁹ Elevation 3569	
¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	8	T22S	R33E		240'	SOUTH	2200'	EAST	LEA
¹¹ 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
0	17	T22S	R33E		334'	SOUTH	2264'	EAST	LEA
¹² Dedicated Acres 160.00		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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.

¹⁶		CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 509709.94' / X: 769354.95' B - Y: 509711.53' / X: 770671.07' C - Y: 504430.20' / X: 770718.23' D - Y: 504424.88' / X: 769400.27'			
SECTION 7	SECTION 8	SECTION 9		SECTION 16	
SECTION 18	SECTION 17	SECTION 16		SECTION 21	
SURFACE HOLE LOCATION 240' FSL 2200' FEL NAD 83, SPCS NM EAST X:769785.91' / Y:509950.43' LAT:32.39974813N / LON:103.59315405W NAD 27, SPCS NM EAST X:728603.42' / Y:509889.81' LAT:32.39962484N / LON:103.59266876W		FIRST TAKE POINT 11,126 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:769733.95' / Y:509380.40' LAT:32.39818233N / LON:103.59333515W NAD 27, SPCS NM EAST X:728551.45' / Y:509319.79' LAT:32.39805904N / LON:103.59284991W		LAST TAKE POINT/BOTTOM HOLE LOCATION 15,750 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:769769.22' / Y:504760.43' LAT:32.38548320N / LON:103.5932445W NAD 27, SPCS NM EAST X:728586.61' / Y:504699.96' LAT:32.38535987N / LON:103.59283964W	
SECTION 18		SECTION 17		SECTION 16	
SECTION 19		SECTION 20		SECTION 21	
CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 509649.32' / X: 728172.46' B - Y: 509650.91' / X: 729488.57' C - Y: 504369.73' / X: 729535.61' D - Y: 504364.42' / X: 728217.65'					
NOTE: ALL DEMINSIONS IN U.S. FEET					
¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Jennifer Van Curen Date: 2/21/2018 Printed Name: Jennifer Van Curen E-mail Address: jvancuren@marathonoil.com ¹⁸ 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 of Survey: [blank] Signature and Seal of Professional Surveyor: [blank] Certificate Number: [blank]					



Azimuths to Grid North
True North: -0.40°
Magnetic North: 6.47°
Magnetic Field
Strength: 48263.4nT
Dip Angle: 60.28°
Date: 7/31/2017
Model: HDGM

WELL DETAILS

+N-S	+E-W	Northing	Ground Level	Easting	Latitude	Longitude
0.00	0.00	509889.81	3569.00	728603.42	32° 23' 58.64963 N	103° 35' 33.60764 W

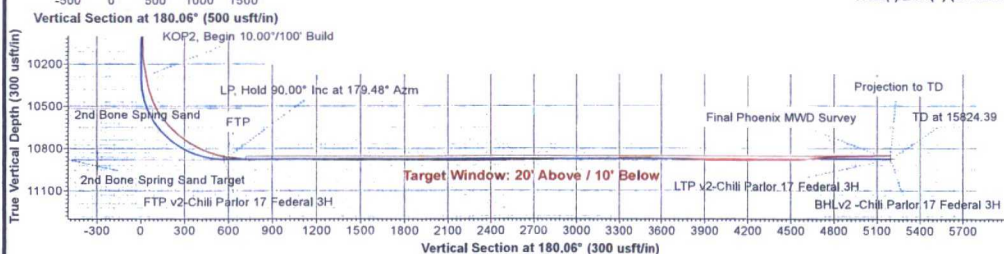
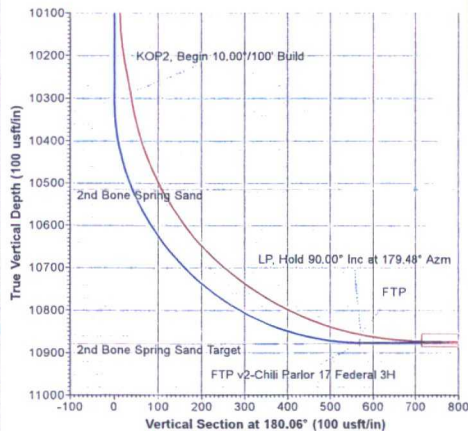
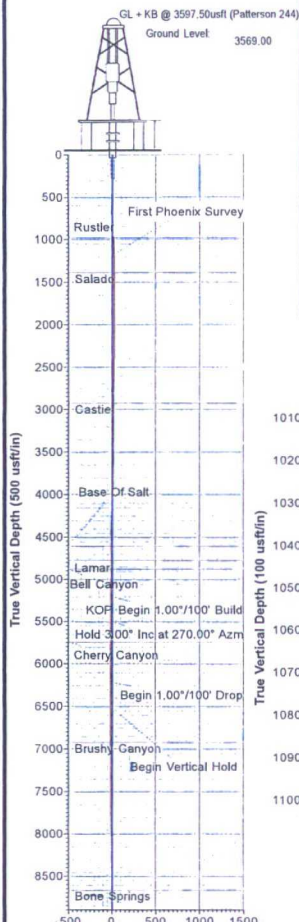
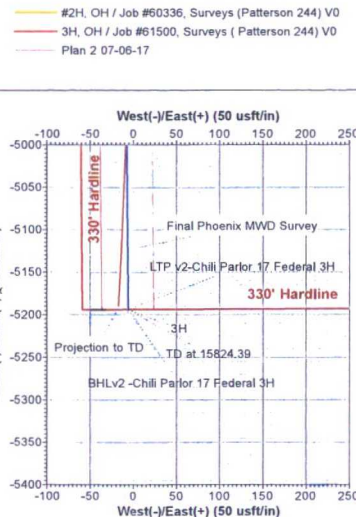
SECTION DETAILS

MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	V Sect	Target	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP, Begin 1.00°/100' Build
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	Hold 3.00° Inc at 270.00° Azm
5499.73	3.00	270.00	5499.60	0.00	-7.84	1.00	270.00	0.01	0.01	Begin 1.00°/100' Drop
6213.52	3.00	270.00	6212.40	0.00	-45.16	0.00	0.00	0.05	0.05	Begin Vertical Hold
6513.25	0.00	0.00	6512.00	0.00	-53.00	1.00	180.00	0.06	0.06	KOP2, Begin 10.00°/100' Build
10303.29	0.00	0.00	10302.04	0.00	-53.00	0.00	0.00	0.00	0.00	LP, Hold 90.00° Inc at 179.48° Azm
11203.29	90.00	179.48	10875.00	-572.93	-47.80	10.00	179.48	572.99	572.99	TD at 15824.39
15824.39	90.00	179.48	10875.00	-5193.84	-5.86	0.00	0.00	5193.85	5193.85	

DESIGN TARGET DETAILS

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
BHLv2 -Chili Parlor 17 Federal 3H	10875.00	-5193.84	-5.86	504695.97	728597.56	32° 23' 7.25549 N	103° 35' 34.09543 W
FTP v2-Chili Parlor 17 Federal 3H	10875.00	-569.96	-48.74	509319.85	728554.68	32° 23' 53.01306 N	103° 35' 34.22213 W
LTP v2-Chili Parlor 17 Federal 3H	10875.00	-5193.65	-5.86	504696.16	728597.56	32° 23' 7.25737 N	103° 35' 34.09541 W

LEGEND



Map System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone Name: New Mexico East 3001
Local Origin: Site Chili Parlor 17 Federal, Grid North
Latitude: 32° 23' 58.64963 N
Longitude: 103° 35' 33.60764 W

Grid East: 728603.42
Grid North: 509889.81
Scale Factor: 1.000
Geomagnetic Model: HDGM
Sample Date: 31-Jul-17
Magnetic Declination: 6.87°
Dip Angle from Horizontal: 60.28°
Magnetic Field Strength: 48263

To convert a Magnetic Direction to a Grid Direction, Add 6.47°
To convert a Magnetic Direction to a True Direction, Add 6.87° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

