

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: CHOLULA 12/11 W0PO
FED COM

Well Location: T21S / R27E / SEC 12 /
SESE /

County or Parish/State:

Well Number: 1H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM109425

Unit or CA Name:

Unit or CA Number:

US Well Number:

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Notice of Intent

Sundry ID: 2643905

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 11/10/2021

Time Sundry Submitted: 03:28

Date proposed operation will begin: 11/30/2021

Procedure Description: Mewbourne Oil Co. has an approved APD for the referenced well. 1.) Mewbourne Oil Co. would like to change the well name to Cholula 12/11 W0PO Fed Com #1H. 2.) Mewbourne Oil Co. would like to change the bottom hole location of the well as mentioned in attached C102 plat. 2.) Mewbourne Oil Co. would like to change the setting depths of the 4 1/2" liner and accompanied cement design. All changed are documented in attached files.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Cholula_12_11_W0PO_Fed_Com__20211110152658

MOC_Cholula_12_11_W0PO_Fed_Com_1H_Dir_plan_20211110152622.pdf

MOC_Cholula_12_11_W0PO_Fed_Com_1H_Dir_plot_20211110152622.pdf

Cholula_12_11_W0PO_Fed_Com_1H_Drlg_Program_20211110152551.pdf

Well Name: CHOLULA 12/11 W0PO
FED COM

Well Location: T21S / R27E / SEC 12 /
SESE /

County or Parish/State:

Well Number: 1H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM109425

Unit or CA Name:

Unit or CA Number:

US Well Number:

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Conditions of Approval

Additional Reviews

CHOLULA_12_11_W0MP_FED_COM_1H_Sundry_2643905_COA_OTA_20211206104944.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BRADLEY BISHOP

Signed on: NOV 10, 2021 03:27 PM

Name: MEWBOURNE OIL COMPANY

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Phone: (575) 393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name: Landon Stallings

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: lstallings@mewbourne.com

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 12/08/2021

District I
1625 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) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 30-015-48993	² Pool Code 7 0070	³ Pool Name Alacran Hills; Wolfcamp
⁴ Property Code 330796	⁵ Property Name CHOLULA 12/11 WOPO FED COM	
⁷ GRID NO.	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 3162'

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
P	12	21S	27E		1270	SOUTH	205	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

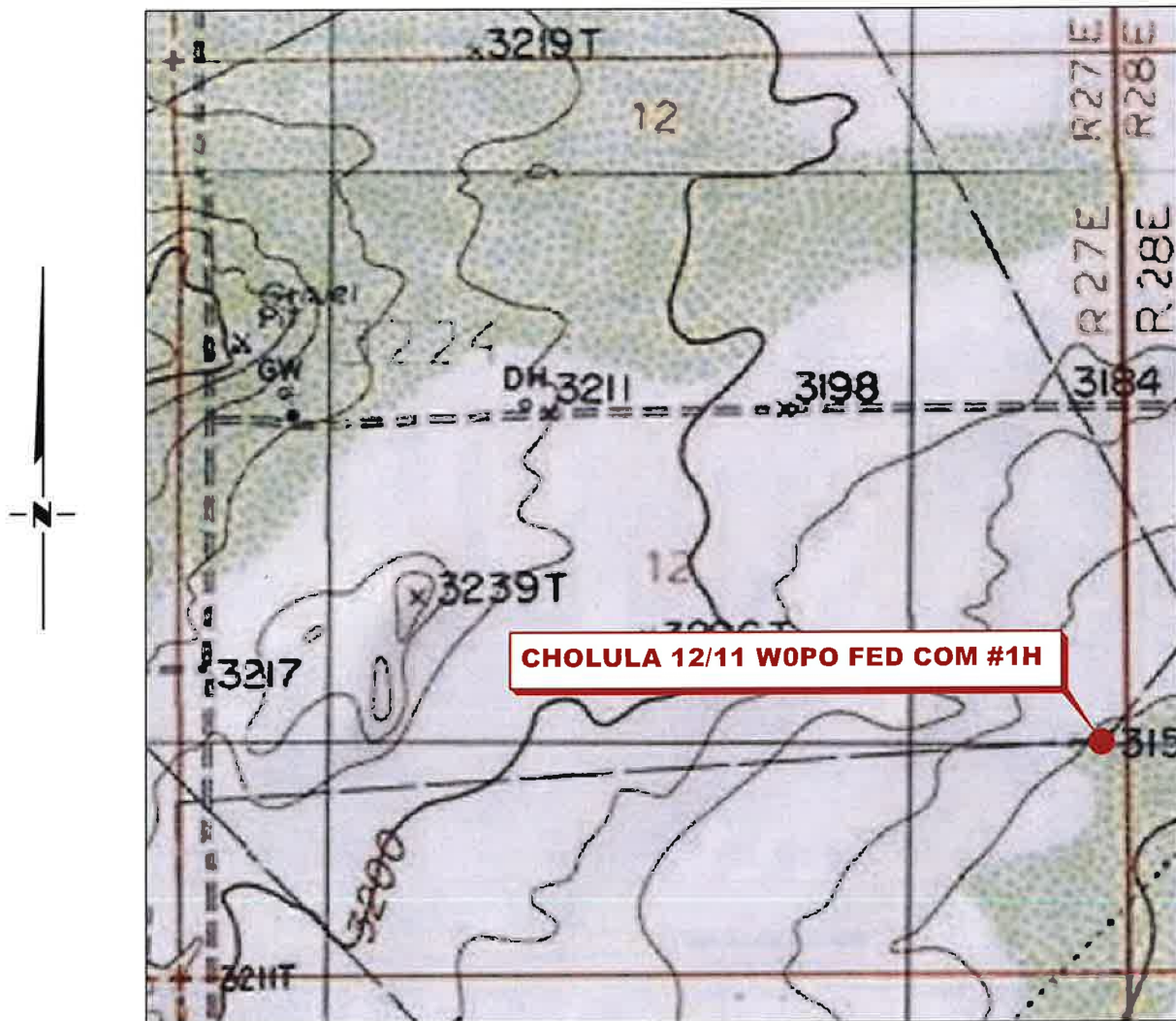
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	11	21S	27E		660	SOUTH	2540	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁶ CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1943" N: 541119.2 - E: 591975.6 B: FOUND BRASS CAP "1943" N: 543773.4 - E: 591965.5 C: FOUND BRASS CAP "1943" N: 546403.4 - E: 592000.9 D: FOUND BRASS CAP "1943" N: 546414.3 - E: 594660.1 E: FOUND BRASS CAP "1943" N: 546425.5 - E: 597318.6 F: FOUND BRASS CAP "1943" N: 546434.8 - E: 599982.2 G: FOUND BRASS CAP "1943" N: 546443.7 - E: 602648.8 H: FOUND BRASS CAP "1943" N: 543814.7 - E: 602656.0 I: FOUND 5/8" REBAR N: 541184.4 - E: 602664.2 J: FOUND BRASS CAP "1943" N: 541167.4 - E: 599979.5 K: FOUND BRASS CAP "1943" N: 541151.4 - E: 597296.7 L: FOUND BRASS CAP "1943" N: 541134.8 - E: 594636.2 GEODETIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE N: 541795.4 - E: 594760.1 LAT: 32.4893382° N LONG: 104.1600693° W SURFACE LOCATION N: 542452.8 - E: 602455.3 LAT: 32.4911083° N LONG: 104.1351080° W 11 12 2540' 660' 205' 1270' S.L. 11-08-2018 19680 REV: 11-11-20 NAME-BHL	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: <u>Jackie Lathan</u> Date: <u>12-15-21</u> Printed Name: <u>Jackie Lathan</u> E-mail Address: _____ 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. 11-08-2018 Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number 19680 REV: 11-11-20 NAME-BHL RRC-Job No: LS18111242DR
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LOCATION VERIFICATION MAP



**SECTION 12, TWP. 21 SOUTH, RGE. 27 EAST,
N. M. P. M., EDDY COUNTY, NEW MEXICO**

OPERATOR: Mewbourne Oil Company
 LEASE: Cholula 12/11 W0PO Fed Com
 WELL NO.: 1H
 ELEVATION: 3162'

LOCATION: 1270' FSL & 205' FEL
 CONTOUR INTERVAL: 10'
 USGS TOPO. SOURCE MAP:
Carlsbad East, NM (P. E. 1985)

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RRC

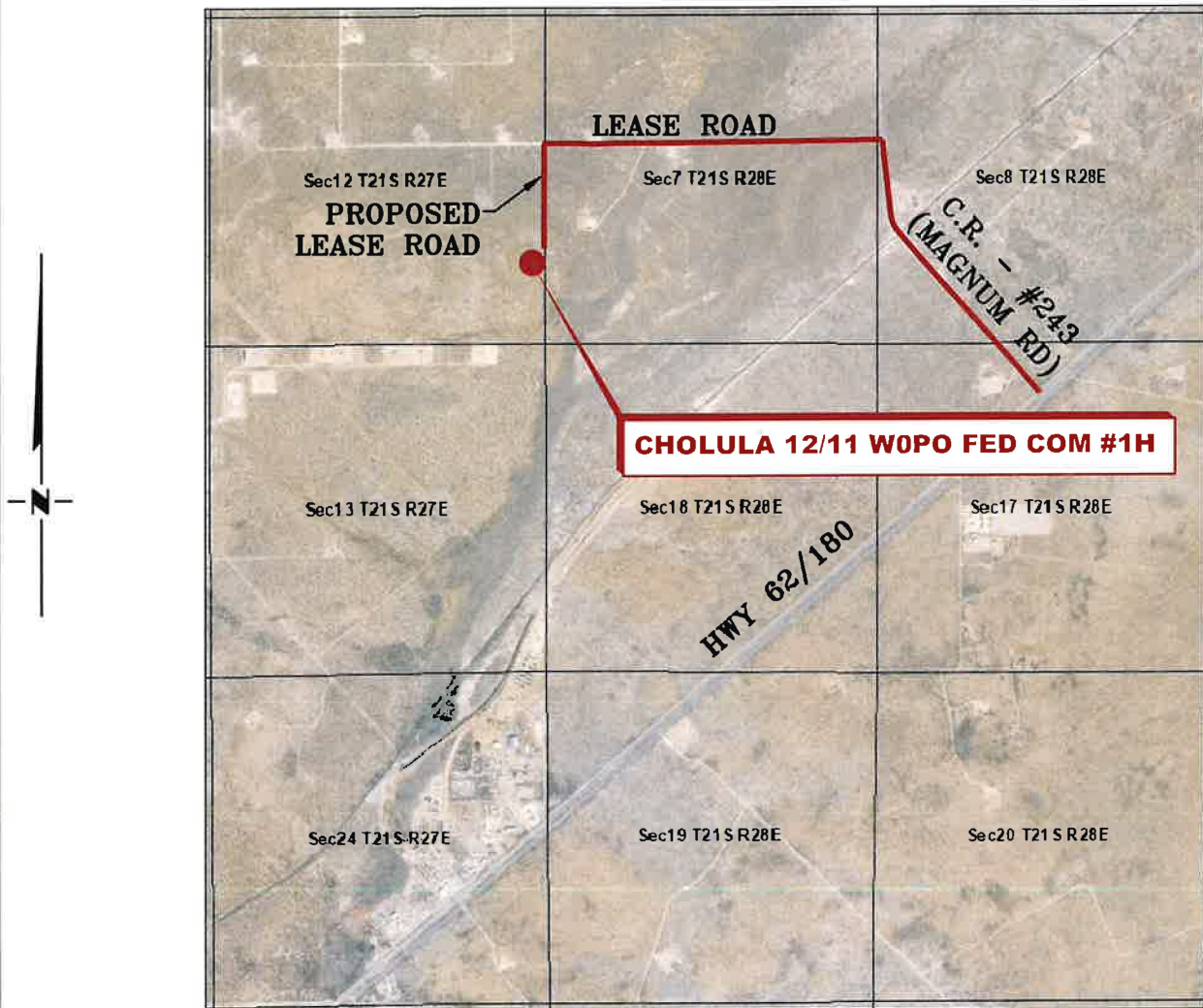
701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
 DATE: 11-08-2018
 SURVEYED BY: ML/TF
 DRAWN BY: LPS
 APPROVED BY: RMH
 SHEET: 1 OF 1

1	NAME/BHL	11.11.20
NO.	REVISION	DATE
JOB NO.: LS18111242DR		
DWG. NO.: 18111242-2		

VICINITY MAP

NOT TO SCALE



**SECTION 12, TWP. 21 SOUTH, RGE. 27 EAST,
N. M. P. M., EDDY COUNTY, NEW MEXICO**

OPERATOR: Mewbourne Oil Company
LEASE: Cholula 12/11 W0PO Fed Com
WELL NO.: 1H

LOCATION: 1270' FSL & 205' FEL
ELEVATION: 3162'

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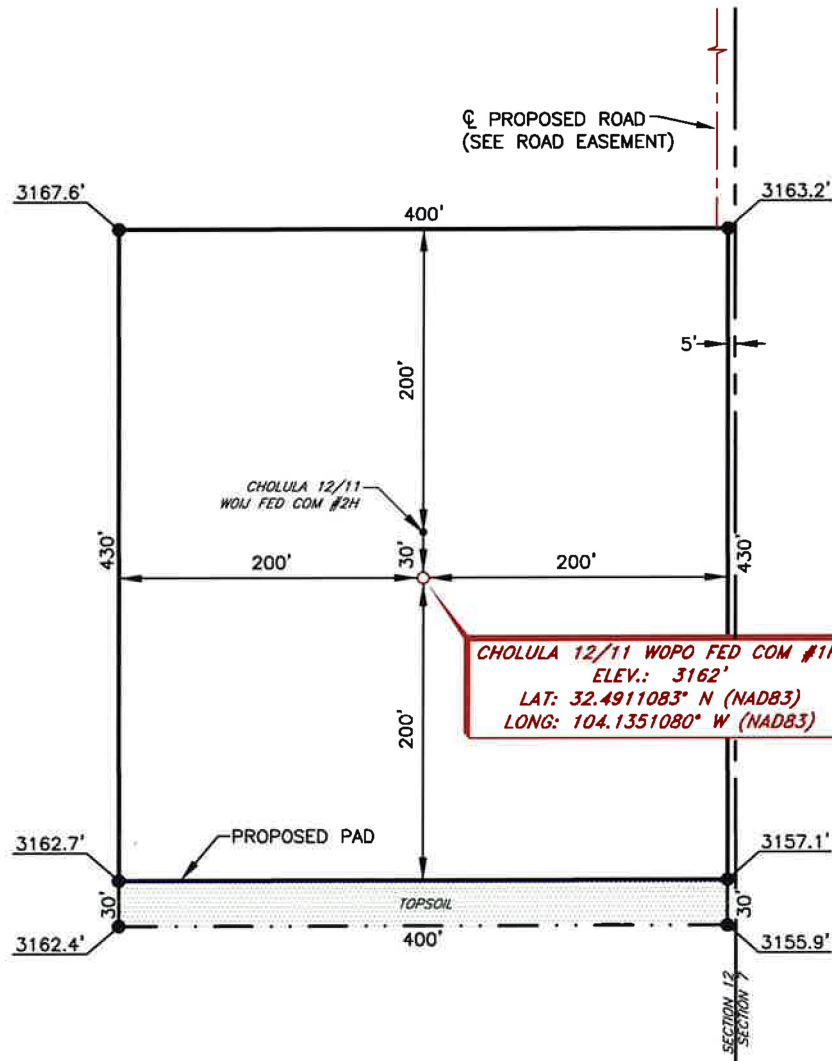
1	NAME/BHL	11.11.20
NO.	REVISION	DATE
JOB NO.: LS18111242DR		
DWG. NO.: 18111242-3		



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N / A
DATE: 11-08-2018
SURVEYED BY: ML/TF
DRAWN BY: LPS
APPROVED BY: RMH
SHEET: 1 OF 1

**MEWBOURNE OIL COMPANY
CHOLULA 12/11 WOPO FED COM #1H
(1270' FSL & 205' FEL)
SECTION 12, T21S, R17E
N. M. P. M., EDDY COUNTY, NEW MEXICO**



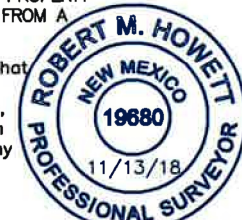
DIRECTIONS TO LOCATION

From the intersection of Highway 62/180 and C.R.-#243 (Magnum Rd.);
Go Northwest on C.R.-#243 for approx. 0.9 miles to a lease road on the left;
Turn left and go West approx. 1.0 miles to a proposed road on the left;
Turn left and go South approx. 0.4 miles to location on the left.

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY, BOUNDARY DATA IS SHOWN FROM A PREVIOUS SURVEY REFERENCED HEREON.

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this unclassified survey of a well location from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
Robert M. Howett NM PS 19680



SCALE: 1" = 100'
0 50' 100'
BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

Copyright 2014 - All Rights Reserved

RRC			SCALE: 1" = 100'
			DATE: 11-08-2018
1	NAME/BHL	11.11.20	SURVEYED BY: ML/TF
NO.	REVISION	DATE	DRAWN BY: LPS
JOB NO.: LS18111242DR			APPROVED BY: RMH
DWG. NO.: 18111242-4			SHEET : 1 OF 1
701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200			

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Cholula 12/11 W0PO Fed Com #1H

Sec 12, T21S, R27E

SHL: 1270' FSL & 205' FEL, Sec 12

BHL: 660' FSL & 2540' FEL, Sec 11

Plan: Design #1

Standard Planning Report

26 February, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Cholula 12/11 W0PO Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3190.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3190.0usft (Original Well Elev)
Site:	Cholula 12/11 W0PO Fed Com #1H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FSL & 2540' FEL, Sec 11		
Design:	Design #1		

Project	Eddy County, New Mexico NAD 83		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Cholula 12/11 W0PO Fed Com #1H			
Site Position:		Northing:	542,453.00 usft	Latitude: 32.4911089
From:	Map	Easting:	602,455.00 usft	Longitude: -104.1351088
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.11 °

Well	Sec 12, T21S, R27E				
Well Position	+N/-S	0.0 usft	Northing:	542,453.00 usft	Latitude: 32.4911089
	+E/-W	0.0 usft	Easting:	602,455.00 usft	Longitude: -104.1351088
Position Uncertainty		0.0 usft	Wellhead Elevation:	28.0 usft	Ground Level: 3,162.0 usft

Wellbore	BHL: 660' FSL & 2540' FEL, Sec 11				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.43	60.25	48,338

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	265.11

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,332.5	4.99	162.07	1,332.1	-13.8	4.5	1.50	1.50	0.00	162.07	
8,361.9	4.99	162.07	8,334.9	-595.2	192.5	0.00	0.00	0.00	0.00	
8,694.5	0.00	0.00	8,667.0	-609.0	197.0	1.50	-1.50	0.00	180.00	KOP: 660' FSL & 10' I
9,609.3	91.45	269.64	9,240.0	-612.6	-390.7	10.00	10.00	0.00	-90.36	
16,916.1	91.45	269.64	9,055.0	-658.0	-7,695.0	0.00	0.00	0.00	0.00	BHL: 660' FSL & 2540'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Cholula 12/11 W0PO Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3190.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3190.0usft (Original Well Elev)
Site:	Cholula 12/11 W0PO Fed Com #1H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FSL & 2540' FEL, Sec 11		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL: 1270' FSL & 205 FEL, Sec 12									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	1.50	162.07	1,100.0	-1.2	0.4	-0.3	1.50	1.50	0.00
1,200.0	3.00	162.07	1,199.9	-5.0	1.6	-1.2	1.50	1.50	0.00
1,300.0	4.50	162.07	1,299.7	-11.2	3.6	-2.7	1.50	1.50	0.00
1,332.5	4.99	162.07	1,332.1	-13.8	4.5	-3.3	1.50	1.50	0.00
1,400.0	4.99	162.07	1,399.3	-19.3	6.3	-4.6	0.00	0.00	0.00
1,500.0	4.99	162.07	1,498.9	-27.6	8.9	-6.5	0.00	0.00	0.00
1,600.0	4.99	162.07	1,598.6	-35.9	11.6	-8.5	0.00	0.00	0.00
1,700.0	4.99	162.07	1,698.2	-44.2	14.3	-10.5	0.00	0.00	0.00
1,800.0	4.99	162.07	1,797.8	-52.4	17.0	-12.4	0.00	0.00	0.00
1,900.0	4.99	162.07	1,897.4	-60.7	19.6	-14.4	0.00	0.00	0.00
2,000.0	4.99	162.07	1,997.1	-69.0	22.3	-16.4	0.00	0.00	0.00
2,100.0	4.99	162.07	2,096.7	-77.2	25.0	-18.3	0.00	0.00	0.00
2,200.0	4.99	162.07	2,196.3	-85.5	27.7	-20.3	0.00	0.00	0.00
2,300.0	4.99	162.07	2,295.9	-93.8	30.3	-22.2	0.00	0.00	0.00
2,400.0	4.99	162.07	2,395.5	-102.1	33.0	-24.2	0.00	0.00	0.00
2,500.0	4.99	162.07	2,495.2	-110.3	35.7	-26.2	0.00	0.00	0.00
2,600.0	4.99	162.07	2,594.8	-118.6	38.4	-28.1	0.00	0.00	0.00
2,700.0	4.99	162.07	2,694.4	-126.9	41.0	-30.1	0.00	0.00	0.00
2,800.0	4.99	162.07	2,794.0	-135.2	43.7	-32.0	0.00	0.00	0.00
2,900.0	4.99	162.07	2,893.6	-143.4	46.4	-34.0	0.00	0.00	0.00
3,000.0	4.99	162.07	2,993.3	-151.7	49.1	-36.0	0.00	0.00	0.00
3,100.0	4.99	162.07	3,092.9	-160.0	51.7	-37.9	0.00	0.00	0.00
3,200.0	4.99	162.07	3,192.5	-168.2	54.4	-39.9	0.00	0.00	0.00
3,300.0	4.99	162.07	3,292.1	-176.5	57.1	-41.9	0.00	0.00	0.00
3,400.0	4.99	162.07	3,391.8	-184.8	59.8	-43.8	0.00	0.00	0.00
3,500.0	4.99	162.07	3,491.4	-193.1	62.5	-45.8	0.00	0.00	0.00
3,600.0	4.99	162.07	3,591.0	-201.3	65.1	-47.7	0.00	0.00	0.00
3,700.0	4.99	162.07	3,690.6	-209.6	67.8	-49.7	0.00	0.00	0.00
3,800.0	4.99	162.07	3,790.2	-217.9	70.5	-51.7	0.00	0.00	0.00
3,900.0	4.99	162.07	3,889.9	-226.1	73.2	-53.6	0.00	0.00	0.00
4,000.0	4.99	162.07	3,989.5	-234.4	75.8	-55.6	0.00	0.00	0.00
4,100.0	4.99	162.07	4,089.1	-242.7	78.5	-57.5	0.00	0.00	0.00
4,200.0	4.99	162.07	4,188.7	-251.0	81.2	-59.5	0.00	0.00	0.00
4,300.0	4.99	162.07	4,288.3	-259.2	83.9	-61.5	0.00	0.00	0.00
4,400.0	4.99	162.07	4,388.0	-267.5	86.5	-63.4	0.00	0.00	0.00
4,500.0	4.99	162.07	4,487.6	-275.8	89.2	-65.4	0.00	0.00	0.00
4,600.0	4.99	162.07	4,587.2	-284.0	91.9	-67.3	0.00	0.00	0.00
4,700.0	4.99	162.07	4,686.8	-292.3	94.6	-69.3	0.00	0.00	0.00
4,800.0	4.99	162.07	4,786.5	-300.6	97.2	-71.3	0.00	0.00	0.00
4,900.0	4.99	162.07	4,886.1	-308.9	99.9	-73.2	0.00	0.00	0.00
5,000.0	4.99	162.07	4,985.7	-317.1	102.6	-75.2	0.00	0.00	0.00
5,100.0	4.99	162.07	5,085.3	-325.4	105.3	-77.2	0.00	0.00	0.00

Planning Report

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Wellbore:	BHL: 660' FSL & 2540' FEL, Sec 11		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.0	4.99	162.07	5,184.9	-333.7	107.9	-79.1	0.00	0.00	0.00
5,300.0	4.99	162.07	5,284.6	-342.0	110.6	-81.1	0.00	0.00	0.00
5,400.0	4.99	162.07	5,384.2	-350.2	113.3	-83.0	0.00	0.00	0.00
5,500.0	4.99	162.07	5,483.8	-358.5	116.0	-85.0	0.00	0.00	0.00
5,600.0	4.99	162.07	5,583.4	-366.8	118.6	-87.0	0.00	0.00	0.00
5,700.0	4.99	162.07	5,683.0	-375.0	121.3	-88.9	0.00	0.00	0.00
5,800.0	4.99	162.07	5,782.7	-383.3	124.0	-90.9	0.00	0.00	0.00
5,900.0	4.99	162.07	5,882.3	-391.6	126.7	-92.8	0.00	0.00	0.00
6,000.0	4.99	162.07	5,981.9	-399.9	129.3	-94.8	0.00	0.00	0.00
6,100.0	4.99	162.07	6,081.5	-408.1	132.0	-96.8	0.00	0.00	0.00
6,200.0	4.99	162.07	6,181.1	-416.4	134.7	-98.7	0.00	0.00	0.00
6,300.0	4.99	162.07	6,280.8	-424.7	137.4	-100.7	0.00	0.00	0.00
6,400.0	4.99	162.07	6,380.4	-432.9	140.0	-102.7	0.00	0.00	0.00
6,500.0	4.99	162.07	6,480.0	-441.2	142.7	-104.6	0.00	0.00	0.00
6,600.0	4.99	162.07	6,579.6	-449.5	145.4	-106.6	0.00	0.00	0.00
6,700.0	4.99	162.07	6,679.3	-457.8	148.1	-108.5	0.00	0.00	0.00
6,800.0	4.99	162.07	6,778.9	-466.0	150.8	-110.5	0.00	0.00	0.00
6,900.0	4.99	162.07	6,878.5	-474.3	153.4	-112.5	0.00	0.00	0.00
7,000.0	4.99	162.07	6,978.1	-482.6	156.1	-114.4	0.00	0.00	0.00
7,100.0	4.99	162.07	7,077.7	-490.8	158.8	-116.4	0.00	0.00	0.00
7,200.0	4.99	162.07	7,177.4	-499.1	161.5	-118.3	0.00	0.00	0.00
7,300.0	4.99	162.07	7,277.0	-507.4	164.1	-120.3	0.00	0.00	0.00
7,400.0	4.99	162.07	7,376.6	-515.7	166.8	-122.3	0.00	0.00	0.00
7,500.0	4.99	162.07	7,476.2	-523.9	169.5	-124.2	0.00	0.00	0.00
7,600.0	4.99	162.07	7,575.8	-532.2	172.2	-126.2	0.00	0.00	0.00
7,700.0	4.99	162.07	7,675.5	-540.5	174.8	-128.2	0.00	0.00	0.00
7,800.0	4.99	162.07	7,775.1	-548.8	177.5	-130.1	0.00	0.00	0.00
7,900.0	4.99	162.07	7,874.7	-557.0	180.2	-132.1	0.00	0.00	0.00
8,000.0	4.99	162.07	7,974.3	-565.3	182.9	-134.0	0.00	0.00	0.00
8,100.0	4.99	162.07	8,074.0	-573.6	185.5	-136.0	0.00	0.00	0.00
8,200.0	4.99	162.07	8,173.6	-581.8	188.2	-138.0	0.00	0.00	0.00
8,300.0	4.99	162.07	8,273.2	-590.1	190.9	-139.9	0.00	0.00	0.00
8,361.9	4.99	162.07	8,334.9	-595.2	192.5	-141.1	0.00	0.00	0.00
8,400.0	4.42	162.07	8,372.8	-598.2	193.5	-141.8	1.50	-1.50	0.00
8,500.0	2.92	162.07	8,472.6	-604.3	195.5	-143.3	1.50	-1.50	0.00
8,600.0	1.42	162.07	8,572.6	-607.9	196.6	-144.1	1.50	-1.50	0.00
8,694.5	0.00	0.00	8,667.0	-609.0	197.0	-144.4	1.50	-1.50	0.00
KOP: 660' FSL & 10' FEL, Sec 12									
8,700.0	0.55	269.64	8,672.5	-609.0	197.0	-144.4	10.00	10.00	0.00
8,800.0	10.55	269.64	8,771.9	-609.1	187.3	-134.7	10.00	10.00	0.00
8,900.0	20.55	269.64	8,868.2	-609.2	160.5	-108.1	10.00	10.00	0.00
9,000.0	30.54	269.64	8,958.3	-609.5	117.5	-65.1	10.00	10.00	0.00
9,038.2	34.36	269.64	8,990.5	-609.6	97.0	-44.7	10.00	10.00	0.00
FTP: 660' FSL & 100' FEL, Sec 12									
9,100.0	40.54	269.64	9,039.5	-609.9	59.4	-7.2	10.00	10.00	0.00
9,200.0	50.53	269.64	9,109.5	-610.3	-11.9	63.8	10.00	10.00	0.00
9,300.0	60.53	269.64	9,166.0	-610.8	-94.2	145.9	10.00	10.00	0.00
9,400.0	70.53	269.64	9,207.4	-611.4	-185.1	236.5	10.00	10.00	0.00
9,500.0	80.52	269.64	9,232.4	-612.0	-281.8	332.9	10.00	10.00	0.00
9,580.3	88.55	269.64	9,240.0	-612.5	-361.7	412.6	10.00	10.00	0.00
LP: 660' FSL & 570' FEL, Sec 12									
9,600.0	90.52	269.64	9,240.2	-612.6	-381.4	432.2	10.00	10.00	0.00
9,609.3	91.45	269.64	9,240.0	-612.6	-390.7	441.5	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Cholula 12/11 W0PO Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3190.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3190.0usft (Original Well Elev)
Site:	Cholula 12/11 W0PO Fed Com #1H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FSL & 2540' FEL, Sec 11		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,700.0	91.45	269.64	9,237.7	-613.2	-481.3	531.8	0.00	0.00	0.00
9,800.0	91.45	269.64	9,235.2	-613.8	-581.3	631.5	0.00	0.00	0.00
9,900.0	91.45	269.64	9,232.6	-614.5	-681.3	731.1	0.00	0.00	0.00
10,000.0	91.45	269.64	9,230.1	-615.1	-781.2	830.8	0.00	0.00	0.00
10,100.0	91.45	269.64	9,227.6	-615.7	-881.2	930.4	0.00	0.00	0.00
10,200.0	91.45	269.64	9,225.0	-616.3	-981.2	1,030.1	0.00	0.00	0.00
10,300.0	91.45	269.64	9,222.5	-616.9	-1,081.1	1,129.8	0.00	0.00	0.00
10,400.0	91.45	269.64	9,220.0	-617.6	-1,181.1	1,229.4	0.00	0.00	0.00
10,500.0	91.45	269.64	9,217.4	-618.2	-1,281.1	1,329.1	0.00	0.00	0.00
10,600.0	91.45	269.64	9,214.9	-618.8	-1,381.0	1,428.7	0.00	0.00	0.00
10,700.0	91.45	269.64	9,212.4	-619.4	-1,481.0	1,528.4	0.00	0.00	0.00
10,800.0	91.45	269.64	9,209.9	-620.0	-1,581.0	1,628.0	0.00	0.00	0.00
10,900.0	91.45	269.64	9,207.3	-620.7	-1,680.9	1,727.7	0.00	0.00	0.00
11,000.0	91.45	269.64	9,204.8	-621.3	-1,780.9	1,827.3	0.00	0.00	0.00
11,100.0	91.45	269.64	9,202.3	-621.9	-1,880.9	1,927.0	0.00	0.00	0.00
11,200.0	91.45	269.64	9,199.7	-622.5	-1,980.8	2,026.7	0.00	0.00	0.00
11,300.0	91.45	269.64	9,197.2	-623.1	-2,080.8	2,126.3	0.00	0.00	0.00
11,400.0	91.45	269.64	9,194.7	-623.8	-2,180.8	2,226.0	0.00	0.00	0.00
11,500.0	91.45	269.64	9,192.1	-624.4	-2,280.7	2,325.6	0.00	0.00	0.00
11,600.0	91.45	269.64	9,189.6	-625.0	-2,380.7	2,425.3	0.00	0.00	0.00
11,700.0	91.45	269.64	9,187.1	-625.6	-2,480.6	2,524.9	0.00	0.00	0.00
11,800.0	91.45	269.64	9,184.5	-626.2	-2,580.6	2,624.6	0.00	0.00	0.00
11,900.0	91.45	269.64	9,182.0	-626.9	-2,680.6	2,724.2	0.00	0.00	0.00
12,000.0	91.45	269.64	9,179.5	-627.5	-2,780.5	2,823.9	0.00	0.00	0.00
12,100.0	91.45	269.64	9,176.9	-628.1	-2,880.5	2,923.6	0.00	0.00	0.00
12,200.0	91.45	269.64	9,174.4	-628.7	-2,980.5	3,023.2	0.00	0.00	0.00
12,300.0	91.45	269.64	9,171.9	-629.3	-3,080.4	3,122.9	0.00	0.00	0.00
12,400.0	91.45	269.64	9,169.3	-630.0	-3,180.4	3,222.5	0.00	0.00	0.00
12,500.0	91.45	269.64	9,166.8	-630.6	-3,280.4	3,322.2	0.00	0.00	0.00
12,600.0	91.45	269.64	9,164.3	-631.2	-3,380.3	3,421.8	0.00	0.00	0.00
12,700.0	91.45	269.64	9,161.7	-631.8	-3,480.3	3,521.5	0.00	0.00	0.00
12,800.0	91.45	269.64	9,159.2	-632.5	-3,580.3	3,621.1	0.00	0.00	0.00
12,900.0	91.45	269.64	9,156.7	-633.1	-3,680.2	3,720.8	0.00	0.00	0.00
13,000.0	91.45	269.64	9,154.2	-633.7	-3,780.2	3,820.5	0.00	0.00	0.00
13,032.8	91.45	269.64	9,153.3	-633.9	-3,813.0	3,853.1	0.00	0.00	0.00
PPP2: 660' FSL & 1340' FWL, Sec 12									
13,100.0	91.45	269.64	9,151.6	-634.3	-3,880.2	3,920.1	0.00	0.00	0.00
13,200.0	91.45	269.64	9,149.1	-634.9	-3,980.1	4,019.8	0.00	0.00	0.00
13,300.0	91.45	269.64	9,146.6	-635.6	-4,080.1	4,119.4	0.00	0.00	0.00
13,400.0	91.45	269.64	9,144.0	-636.2	-4,180.1	4,219.1	0.00	0.00	0.00
13,500.0	91.45	269.64	9,141.5	-636.8	-4,280.0	4,318.7	0.00	0.00	0.00
13,600.0	91.45	269.64	9,139.0	-637.4	-4,380.0	4,418.4	0.00	0.00	0.00
13,700.0	91.45	269.64	9,136.4	-638.0	-4,480.0	4,518.0	0.00	0.00	0.00
13,800.0	91.45	269.64	9,133.9	-638.7	-4,579.9	4,617.7	0.00	0.00	0.00
13,900.0	91.45	269.64	9,131.4	-639.3	-4,679.9	4,717.4	0.00	0.00	0.00
14,000.0	91.45	269.64	9,128.8	-639.9	-4,779.9	4,817.0	0.00	0.00	0.00
14,100.0	91.45	269.64	9,126.3	-640.5	-4,879.8	4,916.7	0.00	0.00	0.00
14,200.0	91.45	269.64	9,123.8	-641.1	-4,979.8	5,016.3	0.00	0.00	0.00
14,300.0	91.45	269.64	9,121.2	-641.8	-5,079.8	5,116.0	0.00	0.00	0.00
14,375.3	91.45	269.64	9,119.3	-642.2	-5,155.0	5,191.0	0.00	0.00	0.00
PPP3: 660' FSL & 0' FEL, Sec 11									
14,400.0	91.45	269.64	9,118.7	-642.4	-5,179.7	5,215.6	0.00	0.00	0.00
14,500.0	91.45	269.64	9,116.2	-643.0	-5,279.7	5,315.3	0.00	0.00	0.00
14,600.0	91.45	269.64	9,113.6	-643.6	-5,379.7	5,414.9	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Cholula 12/11 W0PO Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3190.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3190.0usft (Original Well Elev)
Site:	Cholula 12/11 W0PO Fed Com #1H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FSL & 2540' FEL, Sec 11		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,700.0	91.45	269.64	9,111.1	-644.2	-5,479.6	5,514.6	0.00	0.00	0.00
14,800.0	91.45	269.64	9,108.6	-644.9	-5,579.6	5,614.2	0.00	0.00	0.00
14,900.0	91.45	269.64	9,106.0	-645.5	-5,679.6	5,713.9	0.00	0.00	0.00
15,000.0	91.45	269.64	9,103.5	-646.1	-5,779.5	5,813.6	0.00	0.00	0.00
15,100.0	91.45	269.64	9,101.0	-646.7	-5,879.5	5,913.2	0.00	0.00	0.00
15,200.0	91.45	269.64	9,098.5	-647.3	-5,979.5	6,012.9	0.00	0.00	0.00
15,300.0	91.45	269.64	9,095.9	-648.0	-6,079.4	6,112.5	0.00	0.00	0.00
15,400.0	91.45	269.64	9,093.4	-648.6	-6,179.4	6,212.2	0.00	0.00	0.00
15,500.0	91.45	269.64	9,090.9	-649.2	-6,279.4	6,311.8	0.00	0.00	0.00
15,600.0	91.45	269.64	9,088.3	-649.8	-6,379.3	6,411.5	0.00	0.00	0.00
15,700.0	91.45	269.64	9,085.8	-650.5	-6,479.3	6,511.1	0.00	0.00	0.00
15,800.0	91.45	269.64	9,083.3	-651.1	-6,579.3	6,610.8	0.00	0.00	0.00
15,900.0	91.45	269.64	9,080.7	-651.7	-6,679.2	6,710.5	0.00	0.00	0.00
16,000.0	91.45	269.64	9,078.2	-652.3	-6,779.2	6,810.1	0.00	0.00	0.00
16,100.0	91.45	269.64	9,075.7	-652.9	-6,879.2	6,909.8	0.00	0.00	0.00
16,200.0	91.45	269.64	9,073.1	-653.6	-6,979.1	7,009.4	0.00	0.00	0.00
16,300.0	91.45	269.64	9,070.6	-654.2	-7,079.1	7,109.1	0.00	0.00	0.00
16,400.0	91.45	269.64	9,068.1	-654.8	-7,179.1	7,208.7	0.00	0.00	0.00
16,500.0	91.45	269.64	9,065.5	-655.4	-7,279.0	7,308.4	0.00	0.00	0.00
16,600.0	91.45	269.64	9,063.0	-656.0	-7,379.0	7,408.0	0.00	0.00	0.00
16,700.0	91.45	269.64	9,060.5	-656.7	-7,478.9	7,507.7	0.00	0.00	0.00
16,800.0	91.45	269.64	9,057.9	-657.3	-7,578.9	7,607.4	0.00	0.00	0.00
16,900.0	91.45	269.64	9,055.4	-657.9	-7,678.9	7,707.0	0.00	0.00	0.00
16,916.1	91.45	269.64	9,055.0	-658.0	-7,695.0	7,723.1	0.00	0.00	0.00
BHL: 660' FSL & 2540' FEL, Sec 11									

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Cholula 12/11 W0PO Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3190.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3190.0usft (Original Well Elev)
Site:	Cholula 12/11 W0PO Fed Com #1H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 660' FSL & 2540' FEL, Sec 11		
Design:	Design #1		

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL: 1270' FSL & 205 F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	542,453.00	602,455.00	32.4911089	-104.1351088
KOP: 660' FSL & 10' FEI - plan hits target center - Point	0.00	0.00	8,667.0	-609.0	197.0	541,844.00	602,652.00	32.4894339	-104.1344736
FTP: 660' FSL & 100' FE - plan hits target center - Point	0.00	0.00	8,990.5	-609.6	97.0	541,843.38	602,552.00	32.4894327	-104.1347979
BHL: 660' FSL & 2540' F - plan hits target center - Point	0.00	0.00	9,055.0	-658.0	-7,695.0	541,795.00	594,760.00	32.4893371	-104.1600696
PPP3: 660' FSL & 0' FEI - plan hits target center - Point	0.00	0.00	9,119.3	-642.2	-5,155.0	541,810.77	597,300.00	32.4893688	-104.1518317
PPP2: 660' FSL & 1340' - plan hits target center - Point	0.00	0.00	9,153.3	-633.9	-3,813.0	541,819.10	598,642.00	32.4893853	-104.1474792
LP: 660' FSL & 570' FEL - plan hits target center - Point	0.00	0.00	9,240.0	-612.5	-361.7	541,840.53	602,093.34	32.4894272	-104.1362855

District I

1625 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) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 67223

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 67223
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO review 12/17/2021	12/17/2021

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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811 S. First St., Artesia, NM 88210
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 67223

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 67223
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD conditions of approval.	12/17/2021
jagarcia	No property ID is 332041	12/22/2021