

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

Well Name: CHOLULA 12/11 W0HG
FED COM

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

County or Parish/State:

Well Number: 2H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM17095

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001548934

Well Status: Approved Application for
Permit to Drill

Operator: MEWBOURNE OIL
COMPANY

Notice of Intent

Sundry ID: 2646437

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 12/01/2021

Time Sundry Submitted: 10:34

Date proposed operation will begin: 12/01/2021

Procedure Description: Mewbourne Oil Co would like to make the following changes: 1) Name Change to Cholula 12/11 W0HG Fed Com #2H 2) BHL change to 1980' FNL & 2540' FEL, Sec 11 3) MD changed to 16875' 4) All csg and cmt changes are noted in the attachments

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Cholula_12_11_W0HG_Fed_Com_2H_Sundry_20211201103333.pdf

Cholula_12_11_W0HG_Fed_Com_2H_Dir_plan_20211201103333.pdf

Cholula_12_11_W0HG_Fed_Com_2H_C102_20211201103333.pdf

Cholula_12_11_W0HG_Fed_Com_2H_Dir_plot_20211201103333.pdf

Cholula_12_11_W0HG_Fed_Com_2H_Add_Info_20211201103333.pdf

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COMPANY

Conditions of Approval

Specialist Review

CHOLULA_12_11_W0HG_FED_COM_2H_Sundry_2646437_COA_OTA_20211206134114.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: DEC 01, 2021 10:33 AM

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: Ryan McDaniel

Street Address:

City:

State:

Zip:

Phone:

Email address: Ryanmcdaniel@mewbourne.com

BLM Point of Contact

BLM POC Name: AJIBOLA OLABODE

BLM POC Title: Engineer

BLM POC Phone: 5752342231

BLM POC Email Address: OAJIBOLAEIT@BLM.GOV

Disposition: Approved

Disposition Date: 12/06/2021

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 30-015-48934		² Pool Code 70070		³ Pool Name Alcran Hills; Wildcat; Wolfcamp	
⁴ Property Code		⁵ Property Name CHOLULA 12/11 WOHG FED COM			⁶ Well Number 2H
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3193'

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
H	12	21S	27E		1330	NORTH	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
G	11	21S	27E		1980	NORTH	2540	EAST	EDDY

¹² Dedicated Acres 240	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 <u>CORNER DATA</u> 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		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. <i>Ryan McDaniel</i> 12/1/21 Signature Date Ryan McDaniel Printed Name Ryanmcdaniel@mewbourne.com E-mail Address
<u>GEODETIC DATA</u> NAD 83 GRID - NM EAST <u>BOTTOM HOLE</u> N: 544435.3 - E: 594771.0 LAT: 32.4965945° N LONG: 104.1600199° W		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 <i>Robert M. Howett</i> 19680 Certificate Number REV: 11-11-20 NAME/BHL

RR- Job No: LS18111240DR

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Cholula 12/11 W0HG Fed Com #2H

Sec 12, T21S, R27E

SHL: 1330' FNL & 205' FEL, Sec 12

BHL: 1980' FNL & 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 W0HG Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3226.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3226.0usft (Original Well Elev)
Site:	Cholula 12/11 W0HG Fed Com #2H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FNL & 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 W0HG Fed Com #2H			
Site Position:		Northing:	545,113.00 usft	Latitude: 32.4984207
From:	Map	Easting:	602,448.00 usft	Longitude: -104.1351155
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:	545,113.00 usft
	+E/-W	0.0 usft	Easting:	602,448.00 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	28.0 usft
			Ground Level:	3,193.0 usft

Wellbore	BHL: 1980' FNL & 2540' FEL, Sec 11				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/9/2019	6.84	60.14	47,868

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	264.95

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	
1,125.0	0.00	0.00	1,125.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,485.8	5.41	163.20	1,485.3	-16.3	4.9	1.50	1.50	0.00	163.20	
8,312.7	5.41	163.20	8,281.7	-632.7	191.1	0.00	0.00	0.00	0.00	
8,673.5	0.00	0.00	8,642.0	-649.0	196.0	1.50	-1.50	0.00	180.00	KOP: 1980' FNL & 10
9,583.4	90.97	269.79	9,215.0	-651.1	-386.7	10.00	10.00	0.00	-90.21	
16,874.7	90.97	269.79	9,092.0	-678.0	-7,677.0	0.00	0.00	0.00	0.00	BHL: 1980' FNL & 2540' FEL

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Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3226.0usft (Original Well Elev)
Site:	Cholula 12/11 W0HG Fed Com #2H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FNL & 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: 1330' FNL & 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	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,125.0	0.00	0.00	1,125.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	1.13	163.20	1,200.0	-0.7	0.2	-0.2	1.50	1.50	0.00
1,300.0	2.63	163.20	1,299.9	-3.8	1.2	-0.8	1.50	1.50	0.00
1,400.0	4.13	163.20	1,399.8	-9.5	2.9	-2.0	1.50	1.50	0.00
1,485.8	5.41	163.20	1,485.3	-16.3	4.9	-3.5	1.50	1.50	0.00
1,500.0	5.41	163.20	1,499.4	-17.6	5.3	-3.7	0.00	0.00	0.00
1,600.0	5.41	163.20	1,599.0	-26.6	8.0	-5.7	0.00	0.00	0.00
1,700.0	5.41	163.20	1,698.5	-35.6	10.8	-7.6	0.00	0.00	0.00
1,800.0	5.41	163.20	1,798.1	-44.7	13.5	-9.5	0.00	0.00	0.00
1,900.0	5.41	163.20	1,897.6	-53.7	16.2	-11.4	0.00	0.00	0.00
2,000.0	5.41	163.20	1,997.2	-62.7	18.9	-13.4	0.00	0.00	0.00
2,100.0	5.41	163.20	2,096.7	-71.8	21.7	-15.3	0.00	0.00	0.00
2,200.0	5.41	163.20	2,196.3	-80.8	24.4	-17.2	0.00	0.00	0.00
2,300.0	5.41	163.20	2,295.8	-89.8	27.1	-19.1	0.00	0.00	0.00
2,400.0	5.41	163.20	2,395.4	-98.8	29.9	-21.0	0.00	0.00	0.00
2,500.0	5.41	163.20	2,494.9	-107.9	32.6	-23.0	0.00	0.00	0.00
2,600.0	5.41	163.20	2,594.5	-116.9	35.3	-24.9	0.00	0.00	0.00
2,700.0	5.41	163.20	2,694.1	-125.9	38.0	-26.8	0.00	0.00	0.00
2,800.0	5.41	163.20	2,793.6	-135.0	40.8	-28.7	0.00	0.00	0.00
2,900.0	5.41	163.20	2,893.2	-144.0	43.5	-30.6	0.00	0.00	0.00
3,000.0	5.41	163.20	2,992.7	-153.0	46.2	-32.6	0.00	0.00	0.00
3,100.0	5.41	163.20	3,092.3	-162.0	48.9	-34.5	0.00	0.00	0.00
3,200.0	5.41	163.20	3,191.8	-171.1	51.7	-36.4	0.00	0.00	0.00
3,300.0	5.41	163.20	3,291.4	-180.1	54.4	-38.3	0.00	0.00	0.00
3,400.0	5.41	163.20	3,390.9	-189.1	57.1	-40.3	0.00	0.00	0.00
3,500.0	5.41	163.20	3,490.5	-198.2	59.8	-42.2	0.00	0.00	0.00
3,600.0	5.41	163.20	3,590.0	-207.2	62.6	-44.1	0.00	0.00	0.00
3,700.0	5.41	163.20	3,689.6	-216.2	65.3	-46.0	0.00	0.00	0.00
3,800.0	5.41	163.20	3,789.1	-225.2	68.0	-47.9	0.00	0.00	0.00
3,900.0	5.41	163.20	3,888.7	-234.3	70.8	-49.9	0.00	0.00	0.00
4,000.0	5.41	163.20	3,988.3	-243.3	73.5	-51.8	0.00	0.00	0.00
4,100.0	5.41	163.20	4,087.8	-252.3	76.2	-53.7	0.00	0.00	0.00
4,200.0	5.41	163.20	4,187.4	-261.4	78.9	-55.6	0.00	0.00	0.00
4,300.0	5.41	163.20	4,286.9	-270.4	81.7	-57.6	0.00	0.00	0.00
4,400.0	5.41	163.20	4,386.5	-279.4	84.4	-59.5	0.00	0.00	0.00
4,500.0	5.41	163.20	4,486.0	-288.5	87.1	-61.4	0.00	0.00	0.00
4,600.0	5.41	163.20	4,585.6	-297.5	89.8	-63.3	0.00	0.00	0.00
4,700.0	5.41	163.20	4,685.1	-306.5	92.6	-65.2	0.00	0.00	0.00
4,800.0	5.41	163.20	4,784.7	-315.5	95.3	-67.2	0.00	0.00	0.00
4,900.0	5.41	163.20	4,884.2	-324.6	98.0	-69.1	0.00	0.00	0.00
5,000.0	5.41	163.20	4,983.8	-333.6	100.7	-71.0	0.00	0.00	0.00

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5,100.0	5.41	163.20	5,083.4	-342.6	103.5	-72.9	0.00	0.00	0.00	
5,200.0	5.41	163.20	5,182.9	-351.7	106.2	-74.9	0.00	0.00	0.00	
5,300.0	5.41	163.20	5,282.5	-360.7	108.9	-76.8	0.00	0.00	0.00	
5,400.0	5.41	163.20	5,382.0	-369.7	111.7	-78.7	0.00	0.00	0.00	
5,500.0	5.41	163.20	5,481.6	-378.7	114.4	-80.6	0.00	0.00	0.00	
5,600.0	5.41	163.20	5,581.1	-387.8	117.1	-82.5	0.00	0.00	0.00	
5,700.0	5.41	163.20	5,680.7	-396.8	119.8	-84.5	0.00	0.00	0.00	
5,800.0	5.41	163.20	5,780.2	-405.8	122.6	-86.4	0.00	0.00	0.00	
5,900.0	5.41	163.20	5,879.8	-414.9	125.3	-88.3	0.00	0.00	0.00	
6,000.0	5.41	163.20	5,979.3	-423.9	128.0	-90.2	0.00	0.00	0.00	
6,100.0	5.41	163.20	6,078.9	-432.9	130.7	-92.1	0.00	0.00	0.00	
6,200.0	5.41	163.20	6,178.4	-441.9	133.5	-94.1	0.00	0.00	0.00	
6,300.0	5.41	163.20	6,278.0	-451.0	136.2	-96.0	0.00	0.00	0.00	
6,400.0	5.41	163.20	6,377.6	-460.0	138.9	-97.9	0.00	0.00	0.00	
6,500.0	5.41	163.20	6,477.1	-469.0	141.6	-99.8	0.00	0.00	0.00	
6,600.0	5.41	163.20	6,576.7	-478.1	144.4	-101.8	0.00	0.00	0.00	
6,700.0	5.41	163.20	6,676.2	-487.1	147.1	-103.7	0.00	0.00	0.00	
6,800.0	5.41	163.20	6,775.8	-496.1	149.8	-105.6	0.00	0.00	0.00	
6,900.0	5.41	163.20	6,875.3	-505.1	152.6	-107.5	0.00	0.00	0.00	
7,000.0	5.41	163.20	6,974.9	-514.2	155.3	-109.4	0.00	0.00	0.00	
7,100.0	5.41	163.20	7,074.4	-523.2	158.0	-111.4	0.00	0.00	0.00	
7,200.0	5.41	163.20	7,174.0	-532.2	160.7	-113.3	0.00	0.00	0.00	
7,300.0	5.41	163.20	7,273.5	-541.3	163.5	-115.2	0.00	0.00	0.00	
7,400.0	5.41	163.20	7,373.1	-550.3	166.2	-117.1	0.00	0.00	0.00	
7,500.0	5.41	163.20	7,472.7	-559.3	168.9	-119.1	0.00	0.00	0.00	
7,600.0	5.41	163.20	7,572.2	-568.3	171.6	-121.0	0.00	0.00	0.00	
7,700.0	5.41	163.20	7,671.8	-577.4	174.4	-122.9	0.00	0.00	0.00	
7,800.0	5.41	163.20	7,771.3	-586.4	177.1	-124.8	0.00	0.00	0.00	
7,900.0	5.41	163.20	7,870.9	-595.4	179.8	-126.7	0.00	0.00	0.00	
8,000.0	5.41	163.20	7,970.4	-604.5	182.6	-128.7	0.00	0.00	0.00	
8,100.0	5.41	163.20	8,070.0	-613.5	185.3	-130.6	0.00	0.00	0.00	
8,200.0	5.41	163.20	8,169.5	-622.5	188.0	-132.5	0.00	0.00	0.00	
8,300.0	5.41	163.20	8,269.1	-631.6	190.7	-134.4	0.00	0.00	0.00	
8,312.7	5.41	163.20	8,281.7	-632.7	191.1	-134.7	0.00	0.00	0.00	
8,400.0	4.10	163.20	8,368.7	-639.6	193.2	-136.2	1.50	-1.50	0.00	
8,500.0	2.60	163.20	8,468.6	-645.2	194.9	-137.3	1.50	-1.50	0.00	
8,600.0	1.10	163.20	8,568.5	-648.3	195.8	-138.0	1.50	-1.50	0.00	
8,673.5	0.00	0.00	8,642.0	-649.0	196.0	-138.1	1.50	-1.50	0.00	
KOP: 1980' FNL & 10' FEL (Sec 12)										
8,700.0	2.65	269.79	8,668.5	-649.0	195.4	-137.5	10.00	10.00	0.00	
8,800.0	12.65	269.79	8,767.5	-649.1	182.1	-124.3	10.00	10.00	0.00	
8,900.0	22.64	269.79	8,862.6	-649.2	151.8	-94.1	10.00	10.00	0.00	
8,999.0	32.55	269.79	8,950.3	-649.3	106.0	-48.5	10.00	10.00	0.00	
FTP: 1980' FNL & 100' FEL, Sec 12										
9,000.0	32.64	269.79	8,951.1	-649.3	105.5	-48.0	10.00	10.00	0.00	
9,100.0	42.64	269.79	9,030.2	-649.6	44.5	12.8	10.00	10.00	0.00	
9,200.0	52.64	269.79	9,097.5	-649.8	-29.3	86.4	10.00	10.00	0.00	
9,300.0	62.64	269.79	9,151.0	-650.1	-113.7	170.4	10.00	10.00	0.00	
9,400.0	72.63	269.79	9,189.0	-650.5	-206.0	262.5	10.00	10.00	0.00	
9,500.0	82.63	269.79	9,210.3	-650.8	-303.6	359.7	10.00	10.00	0.00	
9,583.4	90.97	269.79	9,215.0	-651.1	-386.7	442.5	10.00	10.00	0.00	
LP: 1980' FNL & 590' FEL, Sec 12										
9,600.0	90.97	269.79	9,214.7	-651.2	-403.4	459.1	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Cholula 12/11 W0HG Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3226.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3226.0usft (Original Well Elev)
Site:	Cholula 12/11 W0HG Fed Com #2H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FNL & 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	90.97	269.79	9,213.0	-651.6	-503.4	558.7	0.00	0.00	0.00
9,800.0	90.97	269.79	9,211.3	-651.9	-603.3	658.4	0.00	0.00	0.00
9,900.0	90.97	269.79	9,209.7	-652.3	-703.3	758.0	0.00	0.00	0.00
10,000.0	90.97	269.79	9,208.0	-652.7	-803.3	857.6	0.00	0.00	0.00
10,100.0	90.97	269.79	9,206.3	-653.0	-903.3	957.2	0.00	0.00	0.00
10,200.0	90.97	269.79	9,204.6	-653.4	-1,003.3	1,056.9	0.00	0.00	0.00
10,300.0	90.97	269.79	9,202.9	-653.8	-1,103.3	1,156.5	0.00	0.00	0.00
10,400.0	90.97	269.79	9,201.2	-654.2	-1,203.3	1,256.1	0.00	0.00	0.00
10,500.0	90.97	269.79	9,199.5	-654.5	-1,303.2	1,355.8	0.00	0.00	0.00
10,600.0	90.97	269.79	9,197.8	-654.9	-1,403.2	1,455.4	0.00	0.00	0.00
10,700.0	90.97	269.79	9,196.2	-655.3	-1,503.2	1,555.0	0.00	0.00	0.00
10,800.0	90.97	269.79	9,194.5	-655.6	-1,603.2	1,654.7	0.00	0.00	0.00
10,900.0	90.97	269.79	9,192.8	-656.0	-1,703.2	1,754.3	0.00	0.00	0.00
11,000.0	90.97	269.79	9,191.1	-656.4	-1,803.2	1,853.9	0.00	0.00	0.00
11,100.0	90.97	269.79	9,189.4	-656.7	-1,903.2	1,953.5	0.00	0.00	0.00
11,200.0	90.97	269.79	9,187.7	-657.1	-2,003.1	2,053.2	0.00	0.00	0.00
11,300.0	90.97	269.79	9,186.0	-657.5	-2,103.1	2,152.8	0.00	0.00	0.00
11,400.0	90.97	269.79	9,184.4	-657.8	-2,203.1	2,252.4	0.00	0.00	0.00
11,500.0	90.97	269.79	9,182.7	-658.2	-2,303.1	2,352.1	0.00	0.00	0.00
11,600.0	90.97	269.79	9,181.0	-658.6	-2,403.1	2,451.7	0.00	0.00	0.00
11,700.0	90.97	269.79	9,179.3	-658.9	-2,503.1	2,551.3	0.00	0.00	0.00
11,800.0	90.97	269.79	9,177.6	-659.3	-2,603.0	2,651.0	0.00	0.00	0.00
11,900.0	90.97	269.79	9,175.9	-659.7	-2,703.0	2,750.6	0.00	0.00	0.00
12,000.0	90.97	269.79	9,174.2	-660.0	-2,803.0	2,850.2	0.00	0.00	0.00
12,100.0	90.97	269.79	9,172.5	-660.4	-2,903.0	2,949.8	0.00	0.00	0.00
12,200.0	90.97	269.79	9,170.9	-660.8	-3,003.0	3,049.5	0.00	0.00	0.00
12,300.0	90.97	269.79	9,169.2	-661.2	-3,103.0	3,149.1	0.00	0.00	0.00
12,400.0	90.97	269.79	9,167.5	-661.5	-3,203.0	3,248.7	0.00	0.00	0.00
12,500.0	90.97	269.79	9,165.8	-661.9	-3,302.9	3,348.4	0.00	0.00	0.00
12,600.0	90.97	269.79	9,164.1	-662.3	-3,402.9	3,448.0	0.00	0.00	0.00
12,700.0	90.97	269.79	9,162.4	-662.6	-3,502.9	3,547.6	0.00	0.00	0.00
12,800.0	90.97	269.79	9,160.7	-663.0	-3,602.9	3,647.3	0.00	0.00	0.00
12,900.0	90.97	269.79	9,159.1	-663.4	-3,702.9	3,746.9	0.00	0.00	0.00
13,000.0	90.97	269.79	9,157.4	-663.7	-3,802.9	3,846.5	0.00	0.00	0.00
13,100.0	90.97	269.79	9,155.7	-664.1	-3,902.9	3,946.1	0.00	0.00	0.00
13,200.0	90.97	269.79	9,154.0	-664.5	-4,002.8	4,045.8	0.00	0.00	0.00
13,300.0	90.97	269.79	9,152.3	-664.8	-4,102.8	4,145.4	0.00	0.00	0.00
13,400.0	90.97	269.79	9,150.6	-665.2	-4,202.8	4,245.0	0.00	0.00	0.00
13,500.0	90.97	269.79	9,148.9	-665.6	-4,302.8	4,344.7	0.00	0.00	0.00
13,600.0	90.97	269.79	9,147.2	-665.9	-4,402.8	4,444.3	0.00	0.00	0.00
13,700.0	90.97	269.79	9,145.6	-666.3	-4,502.8	4,543.9	0.00	0.00	0.00
13,800.0	90.97	269.79	9,143.9	-666.7	-4,602.7	4,643.6	0.00	0.00	0.00
13,900.0	90.97	269.79	9,142.2	-667.0	-4,702.7	4,743.2	0.00	0.00	0.00
14,000.0	90.97	269.79	9,140.5	-667.4	-4,802.7	4,842.8	0.00	0.00	0.00
14,100.0	90.97	269.79	9,138.8	-667.8	-4,902.7	4,942.4	0.00	0.00	0.00
14,200.0	90.97	269.79	9,137.1	-668.1	-5,002.7	5,042.1	0.00	0.00	0.00
14,300.0	90.97	269.79	9,135.4	-668.5	-5,102.7	5,141.7	0.00	0.00	0.00
14,334.3	90.97	269.79	9,134.9	-668.6	-5,137.0	5,175.9	0.00	0.00	0.00
PPP2: 1980' FNL & 0' FEL, Sec 11									
14,400.0	90.97	269.79	9,133.7	-668.9	-5,202.7	5,241.3	0.00	0.00	0.00
14,500.0	90.97	269.79	9,132.1	-669.3	-5,302.6	5,341.0	0.00	0.00	0.00
14,600.0	90.97	269.79	9,130.4	-669.6	-5,402.6	5,440.6	0.00	0.00	0.00
14,700.0	90.97	269.79	9,128.7	-670.0	-5,502.6	5,540.2	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Cholula 12/11 W0HG Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3226.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3226.0usft (Original Well Elev)
Site:	Cholula 12/11 W0HG Fed Com #2H	North Reference:	Grid
Well:	Sec 12, T21S, R27E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FNL & 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)	
14,800.0	90.97	269.79	9,127.0	-670.4	-5,602.6	5,639.9	0.00	0.00	0.00	
14,900.0	90.97	269.79	9,125.3	-670.7	-5,702.6	5,739.5	0.00	0.00	0.00	
15,000.0	90.97	269.79	9,123.6	-671.1	-5,802.6	5,839.1	0.00	0.00	0.00	
15,100.0	90.97	269.79	9,121.9	-671.5	-5,902.6	5,938.7	0.00	0.00	0.00	
15,200.0	90.97	269.79	9,120.3	-671.8	-6,002.5	6,038.4	0.00	0.00	0.00	
15,300.0	90.97	269.79	9,118.6	-672.2	-6,102.5	6,138.0	0.00	0.00	0.00	
15,400.0	90.97	269.79	9,116.9	-672.6	-6,202.5	6,237.6	0.00	0.00	0.00	
15,500.0	90.97	269.79	9,115.2	-672.9	-6,302.5	6,337.3	0.00	0.00	0.00	
15,600.0	90.97	269.79	9,113.5	-673.3	-6,402.5	6,436.9	0.00	0.00	0.00	
15,700.0	90.97	269.79	9,111.8	-673.7	-6,502.5	6,536.5	0.00	0.00	0.00	
15,800.0	90.97	269.79	9,110.1	-674.0	-6,602.5	6,636.1	0.00	0.00	0.00	
15,900.0	90.97	269.79	9,108.4	-674.4	-6,702.4	6,735.8	0.00	0.00	0.00	
16,000.0	90.97	269.79	9,106.8	-674.8	-6,802.4	6,835.4	0.00	0.00	0.00	
16,100.0	90.97	269.79	9,105.1	-675.1	-6,902.4	6,935.0	0.00	0.00	0.00	
16,200.0	90.97	269.79	9,103.4	-675.5	-7,002.4	7,034.7	0.00	0.00	0.00	
16,300.0	90.97	269.79	9,101.7	-675.9	-7,102.4	7,134.3	0.00	0.00	0.00	
16,400.0	90.97	269.79	9,100.0	-676.3	-7,202.4	7,233.9	0.00	0.00	0.00	
16,500.0	90.97	269.79	9,098.3	-676.6	-7,302.3	7,333.6	0.00	0.00	0.00	
16,600.0	90.97	269.79	9,096.6	-677.0	-7,402.3	7,433.2	0.00	0.00	0.00	
16,700.0	90.97	269.79	9,094.9	-677.4	-7,502.3	7,532.8	0.00	0.00	0.00	
16,800.0	90.97	269.79	9,093.3	-677.7	-7,602.3	7,632.4	0.00	0.00	0.00	
16,874.7	90.97	269.79	9,092.0	-678.0	-7,677.0	7,706.9	0.00	0.00	0.00	
BHL: 1980' FNL & 2540' FEL (Sec 11)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SHL: 1330' FNL & 205' F - hit/miss target - Shape - Point	0.00	0.00	0.0	0.0	0.0	545,113.00	602,448.00	32.4984207	-104.1351155	
KOP: 1980' FNL & 10' FI - plan hits target center - Point	0.00	0.00	8,642.0	-649.0	196.0	544,464.00	602,644.00	32.4966357	-104.1344837	
FTP: 1980' FNL & 100' F - plan hits target center - Point	0.00	0.01	8,950.3	-649.3	106.0	544,463.67	602,554.00	32.4966353	-104.1347756	
BHL: 1980' FNL & 2540' - plan hits target center - Point	0.00	0.00	9,092.0	-678.0	-7,677.0	544,435.00	594,771.00	32.4965938	-104.1600200	
PPP2: 1980' FNL & 0' FE - plan hits target center - Point	0.00	0.00	9,134.9	-668.6	-5,137.0	544,444.36	597,311.00	32.4966079	-104.1517815	
LP: 1980' FNL & 590' FE - plan hits target center - Point	0.00	0.00	9,215.0	-651.1	-386.7	544,461.86	602,061.26	32.4966328	-104.1363738	

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

COMMENTS

Action 67014

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 67014
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 12/15/2021	12/15/2021

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Santa Fe, NM 87505

CONDITIONS

Action 67014

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 67014
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	12/15/2021