

District I
1625 N. French Dr., Hobbs, NM 88240
District II

State of New Mexico
Energy, Minerals & Natural Resources

District III
811 S. First St., Artesia, NM 88210
District IV
1000 Rio Brazos Rd., Aztec, NM 87410
District V
1220 S. St. Francis Dr., Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office
☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744	
⁴ API Number 30-015-48743	⁵ Pool Name ALACRAN HILLSWOLFCAMP (GAS)		³ Reason for Filing Code/ Effective Date NW/ 05/27/22
⁷ Property Code 331863	⁸ Property Name Cholula 12/11 W0AB Fed Com	⁶ Pool Code 70070	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. A	Section 12	Township 21S	Range 27E	Lot Idn 1300	Feet from the North	North/South Line North	Feet from the East	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. B	Section 11	Township 21S	Range 27E	Lot Idn 664	Feet from the North	North/South line North	Feet from the East	East/West line East	County Eddy
¹² Lse Code S	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 05/27/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing 3514 Lovington Hwy Hobbs, NM 88240	O
371058	Enterprise Field Service PO Box 4503 Houston, TX 77210	G

IV. Well Completion Data

²¹ Spud Date 02/18/22	²² Ready Date 05/27/22	²³ TD 16800' MD	²⁴ PBTd 16784'	²⁵ Perforations 9518'-16752	²⁶ DHC, MC NA
²⁷ Hole Size 26" 17 1/2"	²⁸ Casing & Tubing Size 20" 94# J55 13 3/4" 54.5# J55		²⁹ Depth Set 415' 1155'		³⁰ Sacks Cement 525 750
12 1/4"	9 5/8" 40# L80IC		2860'		625
8 3/4"	7" 29# HPP110		8553'		825
6 1/8"	4 1/2" 13.5# ICP110		8355' – 16800'		600

V. Well Test Data

³¹ Date New Oil 05/27/22	³² Gas Delivery Date 05/27/22	³³ Test Date 06/08/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 800
³⁷ Choke Size 42/64"	³⁸ Oil 465	³⁹ Water 3726	⁴⁰ Gas 719	⁴¹ Test Method Production	
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 					
Printed name: Ruby Caballero					
Title: Regulatory					
E-mail Address: rcaballero@mewbourne.com					
Date: 6/09/2022		Phone: 575-393-5905			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6170
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
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-48743	² Pool Code 70070	³ Pool Name ALACRAN HILLS; WOLFCAMP (GAS)
⁴ Property Code 331863	⁵ Property Name CHOLULA 12/11 WOAB FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 3192'

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
A	12	21S	27E		1300	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
B	11	21S	27E		664	NORTH	2555	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.

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 SURFACE LOCATION (SL) N: 545143.3 - E: 602447.4 LAT: 32.4985040° N LONG: 104.1351173° W KICK OFF POINT (KOP) 708' FNL - 38' FEL (SEC. 12) N: 545735.5 - E: 602612.9 LAT: 32.5001310° N LONG: 104.1345769° W FIRST TAKE POINT (FTP) 689' FNL - 613' FEL (SEC. 12) N: 545753.1 - E: 602038.0 LAT: 32.5001824° N LONG: 104.1364415° W LAST TAKE POINT (LTP) 664' FNL 2537' FEL (SEC. 11) N: 545750.4 - E: 594779.0 LAT: 32.5002095° N LONG: 104.1599873° W BOTTOM HOLE (BH) N: 545750.5 - E: 594761.0 LAT: 32.5002098° N LONG: 104.1600456° W 16	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>CCW</i> 06/07/2022 Signature Date Christian Ward Printed Name cward@mewbourne.com 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. 03-06-2022 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number RRC-Job No: LS18111239AD
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Plan #1


MEWBOURNE
OIL COMPANY

Project: Eddy Co., NM (NAD 83)
 Site: Cholula Pad
 Well: Cholula 12-11 W0AB Fed Com 1H
 Wellbore: OH
 Design: Plan #1
 Lat: 32.498504
 Long: -104.135117
 GL: 3192.00
 KB: KB=28' @ 3220.00usft (Patterson 574)



WELL DETAILS: Cholula 12-11 W0AB Fed Com 1H

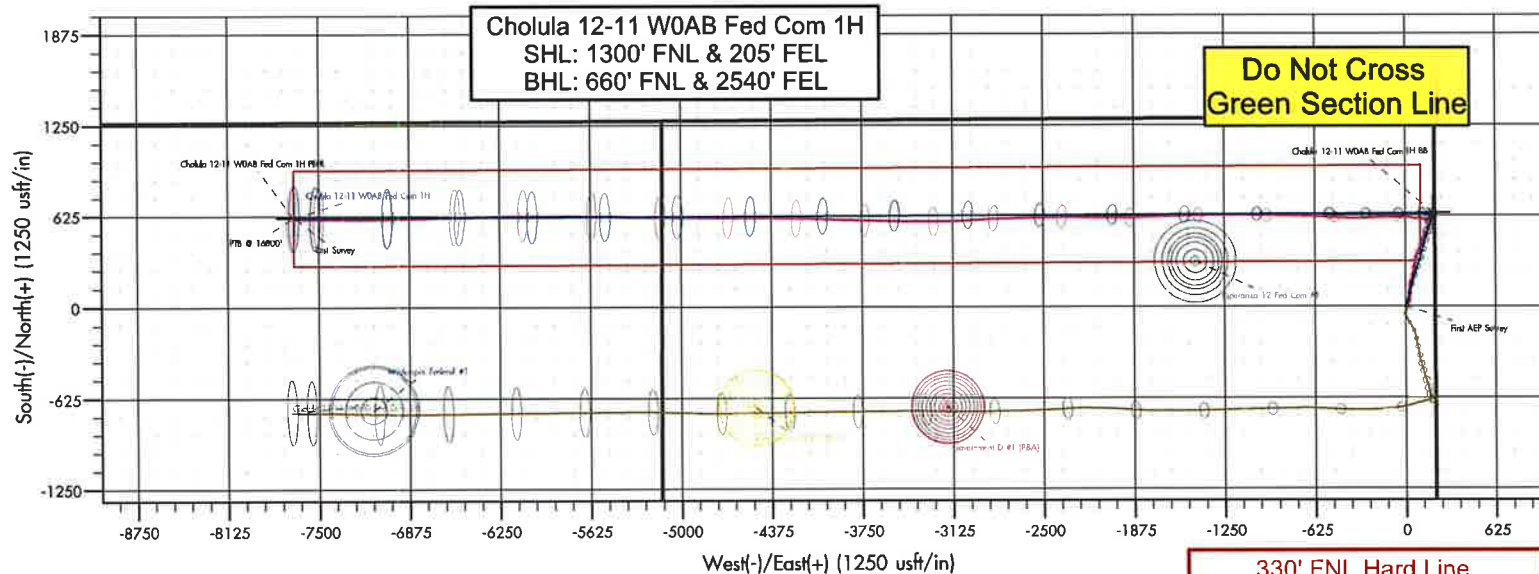
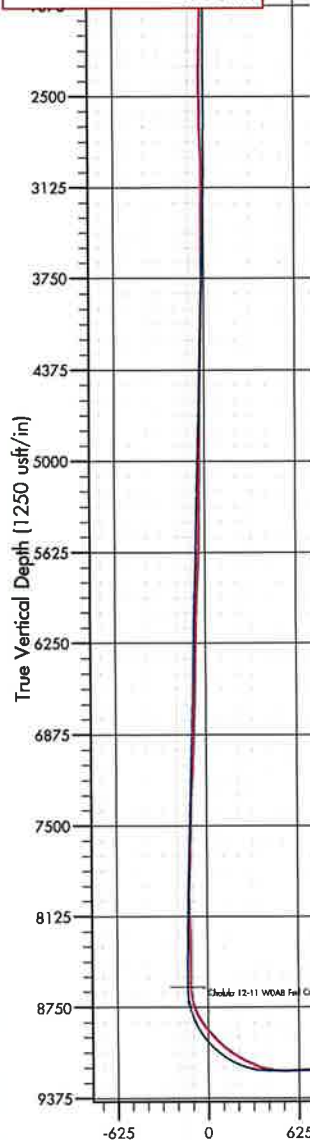
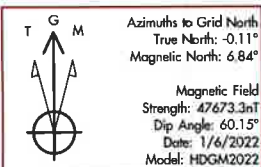
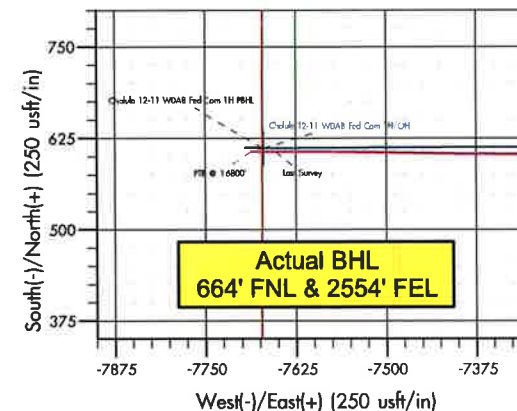
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	545143.30	602447.40	32.498504	-104.135117

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Cholula 12-11 W0AB Fed Com 1H BB	8614.09	640.37	193.21	545783.67	602640.61	Point
Cholula 12-11 W0AB Fed Com 1H PBHL	9097.00	611.60	-7670.90	545754.90	594776.50	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	Build 1.5"/100'
3386.13	7.29	16.79	3384.82	29.58	8.92	1.50	16.79	-6.54	4783' Hold
8169.27	7.29	16.79	8129.27	610.79	184.29	0.00	0.00	-135.16	Drop 1.5"/100'
8655.40	0.00	0.00	8614.09	640.37	193.21	1.50	180.00	-141.70	Build 10"/100'
9562.48	90.71	269.79	9187.00	638.25	-386.82	10.00	269.79	436.33	7284' Hold
16847.16	90.71	269.79	9097.00	611.60	-7670.90	0.00	0.00	7695.24	TD at 16847.16


**Do Not Cross
Green Section Line**
Cholula 12-11 W0AB Fed Com 1H
 SHL: 1300' FNL & 205' FEL
 BHL: 660' FNL & 2540' FEL

 330' FNL Hard Line
 990' FNL Hard Line
 100' FEL Hard Line
 2540' FEL Hard Line

Vertical Section at 274.56° (1250 usft/in)

Plan: Plan #1 (Cholula 12-11 W0AB Fed Com 1H/OH)

Created By: Mike Motadili Date: 5/57 March 04 2022



Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Cholula Pad

Cholula 12-11 W0AB Fed Com 1H

OH

Design: OH

Standard Survey Report

04 March, 2022





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Eddy Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Cholula Pad				
Site Position:		Northing:	542,452.80 usft	Latitude:	32.491108
From:	Map	Easting:	602,455.30 usft	Longitude:	-104.135108
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Cholula 12-11 W0AB Fed Com 1H					
Well Position	+N/-S	0.00 usft	Northing:	545,143.30 usft	Latitude:	32.498504
	+E/-W	0.00 usft	Easting:	602,447.40 usft	Longitude:	-104.135118
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,192.00 usft
Grid Convergence:		0.11 °				

Wellbore	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	1/6/2022	6.95	60.15	47,673.30000000

Design	OH
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Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	274.52

Survey Program		Date	3/4/2022	
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
139.00	354.00	Surface (OH)	MWD	OWSG MWD - Standard
437.00	16,800.00	MWD Survey (OH)	MWD + HDGM	MWD + HDGM - Standard

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.00	0.20	141.67	139.00	-0.19	0.15	-0.16	0.14	0.14	0.00
289.00	0.60	222.67	289.00	-0.97	-0.22	0.14	0.40	0.27	54.00
354.00	0.50	291.67	353.99	-1.12	-0.71	0.62	0.97	-0.15	106.15
437.00	0.85	89.12	436.99	-0.98	-0.43	0.36	1.60	0.42	189.69
First AEP Survey									
497.00	1.09	106.10	496.98	-1.13	0.56	-0.65	0.62	0.40	28.30
558.00	1.27	139.50	557.97	-1.80	1.56	-1.69	1.15	0.30	54.75
680.00	0.99	98.52	679.95	-2.99	3.48	-3.70	0.68	-0.23	-33.59



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
741.00	1.01	78.37	740.94	-2.96	4.52	-4.74	0.57	0.03	-33.03
867.00	0.35	129.54	866.93	-2.98	5.91	-6.12	0.66	-0.52	40.61
1,055.00	0.35	65.52	1,054.93	-3.10	6.87	-7.10	0.20	0.00	-34.05
1,101.00	0.18	170.57	1,100.93	-3.12	7.01	-7.24	0.94	-0.37	228.37
1,187.00	0.21	69.06	1,186.93	-3.19	7.18	-7.41	0.35	0.03	-118.03
1,281.00	0.84	45.61	1,280.92	-2.65	7.84	-8.02	0.69	0.67	-24.95
1,374.00	1.32	46.18	1,373.91	-1.43	9.10	-9.18	0.52	0.52	0.61
1,467.00	1.68	36.67	1,466.87	0.40	10.68	-10.62	0.47	0.39	-10.23
1,561.00	1.98	25.36	1,560.83	2.98	12.20	-11.93	0.50	0.32	-12.03
1,654.00	1.90	32.43	1,653.77	5.73	13.72	-13.22	0.27	-0.09	7.60
1,748.00	2.45	33.88	1,747.71	8.71	15.67	-14.94	0.59	0.59	1.54
1,842.00	2.64	30.82	1,841.61	12.24	17.90	-16.88	0.25	0.20	-3.26
1,936.00	3.76	29.14	1,935.46	16.79	20.51	-19.12	1.20	1.19	-1.79
2,030.00	4.29	25.22	2,029.23	22.66	23.51	-21.65	0.63	0.56	-4.17
2,124.00	5.27	22.98	2,122.90	29.82	26.69	-24.26	1.06	1.04	-2.38
2,219.00	5.09	14.23	2,217.52	37.92	29.43	-26.35	0.85	-0.19	-9.21
2,313.00	5.85	9.90	2,311.09	46.68	31.28	-27.51	0.92	0.81	-4.61
2,407.00	4.25	358.63	2,404.72	54.88	32.02	-27.60	1.99	-1.70	-11.99
2,596.00	3.63	351.08	2,593.28	67.80	30.93	-25.49	0.43	-0.33	-3.99
2,689.00	3.63	349.31	2,686.09	73.60	29.92	-24.04	0.12	0.00	-1.90
2,814.00	4.38	340.45	2,810.79	81.98	27.59	-21.05	0.78	0.60	-7.09
2,945.00	4.43	344.79	2,941.40	91.58	24.59	-17.30	0.26	0.04	3.31
3,039.00	5.11	6.71	3,035.08	99.24	24.13	-16.24	2.05	0.72	23.32
3,134.00	5.45	12.41	3,129.68	107.85	25.59	-17.02	0.66	0.36	6.00
3,228.00	5.43	8.07	3,223.26	116.61	27.18	-17.91	0.44	-0.02	-4.62
3,323.00	5.80	9.24	3,317.80	125.80	28.58	-18.58	0.41	0.39	1.23
3,417.00	4.42	6.39	3,411.42	134.09	29.74	-19.09	1.49	-1.47	-3.03
3,512.00	3.46	3.86	3,506.20	140.59	30.34	-19.18	1.03	-1.01	-2.66
3,606.00	3.77	3.30	3,600.01	146.50	30.71	-19.08	0.33	0.33	-0.60
3,701.00	3.43	7.08	3,694.82	152.44	31.24	-19.14	0.44	-0.36	3.98
3,795.00	3.61	7.27	3,788.65	158.17	31.96	-19.41	0.19	0.19	0.20
3,890.00	4.91	24.55	3,883.39	164.83	34.03	-20.95	1.91	1.37	18.19
3,984.00	5.56	23.95	3,976.99	172.65	37.55	-23.84	0.69	0.69	-0.64
4,079.00	5.29	21.59	4,071.57	180.93	41.03	-26.66	0.37	-0.28	-2.48
4,173.00	4.87	20.11	4,165.20	188.71	44.00	-29.00	0.47	-0.45	-1.57
4,267.00	4.59	21.97	4,258.88	195.94	46.78	-31.20	0.34	-0.30	1.98
4,362.00	5.18	17.24	4,353.53	203.56	49.47	-33.29	0.75	0.62	-4.98
4,456.00	6.06	10.85	4,447.08	212.49	51.66	-34.77	1.15	0.94	-6.80
4,551.00	6.29	11.67	4,541.53	222.51	53.66	-35.97	0.26	0.24	0.86
4,645.00	6.21	6.19	4,634.97	232.61	55.25	-36.76	0.64	-0.09	-5.83
4,739.00	6.29	4.41	4,728.41	242.80	56.19	-36.90	0.22	0.09	-1.89
4,834.00	6.95	8.81	4,822.78	253.66	57.47	-37.32	0.88	0.69	4.63
4,928.00	6.96	12.02	4,916.09	264.86	59.53	-38.49	0.41	0.01	3.41



Altitude Energy Partners

Survey Report



Company: Mewbourne Oil Company
Project: Eddy Co., NM (NAD 83)
Site: Cholula Pad
Well: Cholula 12-11 W0AB Fed Com 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Cholula 12-11 W0AB Fed Com 1H
TVD Reference: KB=28' @ 3220.00usft (Patterson 574)
MD Reference: KB=28' @ 3220.00usft (Patterson 574)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
5,022.00	6.54	10.55	5,009.44	275.69	61.70	-39.79	0.48	-0.45	-1.56
5,117.00	7.51	8.86	5,103.72	287.14	63.64	-40.83	1.04	1.02	-1.78
5,211.00	7.49	8.58	5,196.92	299.27	65.50	-41.73	0.04	-0.02	-0.30
5,305.00	6.84	5.14	5,290.19	310.90	66.92	-42.23	0.83	-0.69	-3.66
5,400.00	6.66	14.75	5,384.53	321.86	68.83	-43.27	1.20	-0.19	10.12
5,494.00	5.82	8.04	5,477.97	331.86	70.88	-44.53	1.18	-0.89	-7.14
5,588.00	5.37	25.44	5,571.53	340.55	73.44	-46.39	1.86	-0.48	18.51
5,683.00	6.25	29.34	5,666.04	349.07	77.88	-50.15	1.01	0.93	4.11
5,777.00	6.44	30.07	5,759.47	358.09	83.03	-54.57	0.22	0.20	0.78
5,872.00	6.86	29.53	5,853.83	367.64	88.50	-59.27	0.45	0.44	-0.57
5,967.00	6.20	23.51	5,948.21	377.28	93.34	-63.34	1.00	-0.69	-6.34
6,061.00	6.53	22.05	6,041.63	386.89	97.37	-66.60	0.39	0.35	-1.55
6,156.00	5.40	15.49	6,136.12	396.20	100.59	-69.08	1.39	-1.19	-6.91
6,250.00	5.72	13.98	6,229.68	405.01	102.91	-70.69	0.37	0.34	-1.61
6,345.00	6.53	15.26	6,324.13	414.82	105.47	-72.48	0.86	0.85	1.35
6,439.00	5.93	16.21	6,417.58	424.64	108.23	-74.46	0.65	-0.64	1.01
6,534.00	6.22	22.23	6,512.04	434.11	111.55	-77.02	0.74	0.31	6.34
6,628.00	5.88	16.77	6,605.52	443.44	114.87	-79.59	0.71	-0.36	-5.81
6,723.00	7.28	20.85	6,699.89	453.72	118.41	-82.32	1.55	1.47	4.29
6,817.00	6.67	24.84	6,793.20	464.24	122.83	-85.89	0.83	-0.65	4.24
6,911.00	5.31	22.03	6,886.68	473.23	126.75	-89.09	1.48	-1.45	-2.99
7,006.00	5.75	28.08	6,981.24	481.50	130.64	-92.32	0.77	0.46	6.37
7,100.00	5.47	26.46	7,074.79	489.67	134.85	-95.87	0.34	-0.30	-1.72
7,195.00	6.63	32.69	7,169.26	498.34	139.83	-100.15	1.40	1.22	6.56
7,289.00	6.69	30.78	7,262.63	507.61	145.56	-105.14	0.24	0.06	-2.03
7,384.00	6.02	30.51	7,357.04	516.65	150.93	-109.77	0.71	-0.71	-0.28
7,478.00	5.73	22.34	7,450.55	525.24	155.21	-113.37	0.94	-0.31	-8.69
7,572.00	7.24	21.28	7,543.95	535.10	159.15	-116.51	1.61	1.61	-1.13
7,667.00	7.22	17.64	7,638.19	546.37	163.13	-119.60	0.48	-0.02	-3.83
7,761.00	6.29	20.44	7,731.54	556.82	166.72	-122.35	1.05	-0.99	2.98
7,855.00	5.61	20.94	7,825.03	565.94	170.16	-125.06	0.73	-0.72	0.53
7,950.00	5.14	21.24	7,919.61	574.24	173.36	-127.60	0.50	-0.49	0.32
8,044.00	3.42	12.32	8,013.35	580.91	175.48	-129.19	1.96	-1.83	-9.49
8,139.00	1.87	301.48	8,108.27	584.49	174.76	-128.19	3.49	-1.63	-74.57
8,233.00	3.95	247.04	8,202.15	584.02	170.47	-123.95	3.45	2.21	-57.91
8,327.00	1.65	257.15	8,296.04	582.46	166.17	-119.79	2.49	-2.45	10.76
8,422.00	2.08	6.55	8,391.01	583.87	165.04	-118.54	3.21	0.45	115.16
8,516.00	2.17	1.02	8,484.94	587.34	165.26	-118.50	0.24	0.10	-5.88
8,591.00	2.06	5.83	8,559.89	590.10	165.42	-118.44	0.28	-0.15	6.41
8,651.00	2.00	357.96	8,619.85	592.22	165.50	-118.35	0.47	-0.10	-13.12
8,746.00	12.35	274.52	8,714.09	594.69	155.27	-107.96	12.93	10.89	-87.83
8,840.00	29.14	278.21	8,801.68	598.78	122.36	-74.83	17.91	17.86	3.93
8,934.00	37.17	277.74	8,880.31	605.88	71.49	-23.55	8.55	8.54	-0.50
9,029.00	42.30	275.00	8,953.35	612.54	11.16	37.11	5.70	5.40	-2.88



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
9,123.00	49.18	271.48	9,018.93	616.22	-56.00	104.35	7.79	7.32	-3.74
9,218.00	58.48	267.55	9,074.95	615.42	-132.58	180.63	10.34	9.79	-4.14
9,312.00	62.09	265.15	9,121.54	610.19	-214.03	261.41	4.43	3.84	-2.55
9,406.00	72.64	270.41	9,157.69	606.99	-300.57	347.43	12.35	11.22	5.60
9,501.00	78.41	272.03	9,181.42	608.96	-392.49	439.22	6.29	6.07	1.71
9,595.00	94.11	273.89	9,187.54	613.80	-485.86	532.69	16.82	16.70	1.98
9,690.00	91.19	272.08	9,183.14	618.74	-580.62	627.54	3.62	-3.07	-1.91
9,785.00	90.80	272.10	9,181.49	622.21	-675.54	722.44	0.41	-0.41	0.02
9,879.00	90.18	271.35	9,180.69	625.04	-769.49	816.33	1.04	-0.66	-0.80
9,973.00	88.70	270.57	9,181.61	626.61	-863.47	910.14	1.78	-1.57	-0.83
10,068.00	89.96	270.90	9,182.72	627.83	-958.46	1,004.92	1.37	1.33	0.35
10,163.00	93.80	271.94	9,179.60	630.18	-1,053.36	1,099.71	4.19	4.04	1.09
10,257.00	89.43	269.35	9,176.95	631.24	-1,147.28	1,193.43	5.40	-4.65	-2.76
10,352.00	90.24	269.72	9,177.23	630.47	-1,242.28	1,288.07	0.94	0.85	0.39
10,446.00	89.71	269.50	9,177.27	629.83	-1,336.28	1,381.72	0.61	-0.56	-0.23
10,541.00	90.43	269.07	9,177.15	628.64	-1,431.27	1,476.33	0.88	0.76	-0.45
10,635.00	89.31	268.43	9,177.37	626.59	-1,525.24	1,569.85	1.37	-1.19	-0.68
10,729.00	87.85	267.72	9,179.70	623.43	-1,619.16	1,663.22	1.73	-1.55	-0.76
10,823.00	89.00	267.99	9,182.28	619.92	-1,713.06	1,756.55	1.26	1.22	0.29
10,918.00	89.48	267.66	9,183.54	616.31	-1,807.98	1,850.90	0.61	0.51	-0.35
11,012.00	90.21	269.21	9,183.79	613.75	-1,901.94	1,944.36	1.82	0.78	1.65
11,106.00	90.46	270.09	9,183.24	613.17	-1,995.94	2,038.02	0.97	0.27	0.94
11,201.00	88.67	270.58	9,183.97	613.73	-2,090.93	2,132.76	1.95	-1.88	0.52
11,295.00	88.61	271.09	9,186.20	615.10	-2,184.89	2,226.54	0.55	-0.06	0.54
11,389.00	94.39	271.00	9,183.74	616.81	-2,278.80	2,320.30	6.15	6.15	-0.10
11,483.00	94.87	269.36	9,176.15	617.10	-2,372.49	2,413.72	1.81	0.51	-1.74
11,578.00	90.80	268.45	9,171.45	615.29	-2,467.34	2,508.13	4.39	-4.28	-0.96
11,672.00	90.49	268.89	9,170.39	613.11	-2,561.31	2,601.63	0.57	-0.33	0.47
11,767.00	92.57	268.79	9,167.86	611.19	-2,656.25	2,696.13	2.19	2.19	-0.11
11,861.00	91.44	268.07	9,164.57	608.61	-2,750.15	2,789.54	1.43	-1.20	-0.77
11,956.00	86.84	266.36	9,165.99	604.00	-2,845.00	2,883.73	5.17	-4.84	-1.80
12,050.00	91.70	266.88	9,167.19	598.46	-2,938.80	2,976.80	5.20	5.17	0.55
12,144.00	92.09	266.69	9,164.08	593.19	-3,032.60	3,069.90	0.46	0.41	-0.20
12,182.00	91.11	265.66	9,163.02	590.66	-3,070.50	3,107.48	3.74	-2.58	-2.71
12,277.00	91.75	269.32	9,160.65	586.50	-3,165.36	3,201.72	3.91	0.67	3.85
12,371.00	91.55	270.38	9,157.94	586.25	-3,259.32	3,295.37	1.15	-0.21	1.13
12,465.00	91.33	270.09	9,155.58	586.64	-3,353.29	3,389.07	0.39	-0.23	-0.31
12,560.00	91.33	270.43	9,153.38	587.07	-3,448.26	3,483.79	0.36	0.00	0.36
12,655.00	92.00	271.80	9,150.62	588.92	-3,543.20	3,578.58	1.60	0.71	1.44
12,749.00	90.49	271.80	9,148.57	591.87	-3,637.13	3,672.45	1.61	-1.61	0.00
12,843.00	91.30	272.25	9,147.10	595.19	-3,731.06	3,766.34	0.99	0.86	0.48
12,937.00	90.99	271.80	9,145.23	598.51	-3,824.98	3,860.24	0.58	-0.33	-0.48
13,032.00	90.80	271.99	9,143.74	601.65	-3,919.92	3,955.13	0.28	-0.20	0.20



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
13,126.00	91.36	272.44	9,141.97	605.28	-4,013.83	4,049.03	0.76	0.60	0.48
13,220.00	91.44	271.87	9,139.67	608.82	-4,107.74	4,142.92	0.61	0.09	-0.61
13,314.00	90.77	270.34	9,137.86	610.63	-4,201.70	4,236.74	1.78	-0.71	-1.63
13,408.00	90.24	270.12	9,137.03	611.01	-4,295.69	4,330.47	0.61	-0.56	-0.23
13,503.00	90.43	270.21	9,136.48	611.28	-4,390.69	4,425.19	0.22	0.20	0.09
13,597.00	90.10	269.98	9,136.04	611.44	-4,484.69	4,518.91	0.43	-0.35	-0.24
13,691.00	90.10	269.98	9,135.88	611.40	-4,578.69	4,612.62	0.00	0.00	0.00
13,786.00	90.88	270.38	9,135.07	611.70	-4,673.69	4,707.34	0.92	0.82	0.42
13,880.00	90.15	269.90	9,134.22	611.93	-4,767.68	4,801.06	0.93	-0.78	-0.51
13,975.00	91.53	271.06	9,132.83	612.73	-4,862.66	4,895.81	1.90	1.45	1.22
14,069.00	90.32	270.63	9,131.31	614.11	-4,956.64	4,989.61	1.37	-1.29	-0.46
14,164.00	90.49	270.58	9,130.64	615.11	-5,051.63	5,084.38	0.19	0.18	-0.05
14,258.00	91.41	271.49	9,129.08	616.81	-5,145.60	5,178.19	1.38	0.98	0.97
14,352.00	90.18	270.12	9,127.78	618.13	-5,239.58	5,271.98	1.96	-1.31	-1.46
14,447.00	93.10	271.67	9,125.06	619.61	-5,334.52	5,366.74	3.48	3.07	1.63
14,541.00	92.56	271.81	9,120.42	622.47	-5,428.36	5,460.52	0.59	-0.57	0.15
14,635.00	90.43	270.13	9,117.96	624.06	-5,522.30	5,554.30	2.89	-2.27	-1.79
14,728.00	90.18	269.97	9,117.47	624.14	-5,615.30	5,647.01	0.32	-0.27	-0.17
14,822.00	90.66	270.08	9,116.78	624.18	-5,709.30	5,740.72	0.52	0.51	0.12
14,917.00	93.21	271.25	9,113.57	625.28	-5,804.23	5,835.44	2.95	2.68	1.23
15,011.00	91.11	270.16	9,110.03	626.43	-5,898.15	5,929.16	2.52	-2.23	-1.16
15,105.00	92.65	270.89	9,106.95	627.29	-5,992.09	6,022.88	1.81	1.64	0.78
15,200.00	91.98	270.44	9,103.11	628.40	-6,087.01	6,117.59	0.85	-0.71	-0.47
15,294.00	90.18	268.37	9,101.34	627.42	-6,180.97	6,211.19	2.92	-1.91	-2.20
15,388.00	92.68	269.62	9,098.99	625.77	-6,274.92	6,304.71	2.97	2.66	1.33
15,482.00	89.54	268.31	9,097.17	624.07	-6,368.87	6,398.24	3.62	-3.34	-1.39
15,577.00	90.38	268.69	9,097.24	621.59	-6,463.84	6,492.72	0.97	0.88	0.40
15,671.00	89.82	268.36	9,097.07	619.17	-6,557.81	6,586.20	0.69	-0.60	-0.35
15,766.00	88.95	268.16	9,098.09	616.28	-6,652.76	6,680.63	0.94	-0.92	-0.21
15,860.00	90.69	268.54	9,098.39	613.58	-6,746.72	6,774.08	1.89	1.85	0.40
15,955.00	89.59	268.32	9,098.16	610.97	-6,841.68	6,868.54	1.18	-1.16	-0.23
16,049.00	88.95	268.45	9,099.35	608.32	-6,935.63	6,962.00	0.69	-0.68	0.14
16,143.00	90.04	268.46	9,100.18	605.79	-7,029.59	7,055.47	1.16	1.16	0.01
16,237.00	88.81	268.64	9,101.12	603.41	-7,123.56	7,148.95	1.32	-1.31	0.19
16,331.00	89.93	270.96	9,102.16	603.08	-7,217.54	7,242.62	2.74	1.19	2.47
16,425.00	87.61	269.63	9,104.18	603.57	-7,311.51	7,336.34	2.84	-2.47	-1.41
16,520.00	91.58	271.35	9,104.85	604.38	-7,406.48	7,431.08	4.55	4.18	1.81
16,615.00	90.85	270.72	9,102.83	606.10	-7,501.44	7,525.88	1.01	-0.77	-0.66
16,709.00	89.09	270.19	9,102.88	606.84	-7,595.44	7,619.64	1.96	-1.87	-0.56
16,767.00	89.01	270.22	9,103.84	607.05	-7,653.43	7,677.47	0.15	-0.14	0.05
Last Survey									
16,800.00	89.01	270.22	9,104.41	607.18	-7,686.42	7,710.37	0.00	0.00	0.00
PTB @ 16800'									



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
437.00	436.99	-0.98	-0.43	First AEP Survey
16,767.00	9,103.84	607.05	-7,653.43	Last Survey
16,800.00	9,104.41	607.18	-7,686.42	PTB @ 16800'

Checked By: _____ Approved By: _____ Date: _____

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
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-48743		² Pool Code 70070		³ Pool Name ALACRAN HILLS; WOLFCAMP (GAS)					
⁴ Property Code 331863		⁵ Property Name CHOLULA 12/11 WOAB FED COM						⁶ Well Number 1H	
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 3192'	
¹⁰ Surface Location									
UL or lot no. A	Section 12	Township 21S	Range 27E	Lot Idn	Feet from the 1300	North/South line NORTH	Feet from the 205	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. B	Section 11	Township 21S	Range 27E	Lot Idn	Feet from the 664	North/South line NORTH	Feet from the 2555	East/West line EAST	County EDDY
¹² Dedicated Acres 240		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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		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>CCW</u> Date: <u>06/07/2022</u> Printed Name: <u>Christian Ward</u> E-mail Address: <u>cward@mewbourne.com</u>	
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: <u>03-06-2022</u> Signature and Seal of Professional Surveyor: <u>[Signature]</u> Certificate Number: <u>19680</u>		¹⁹ GEODETIC DATA NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 545143.3 - E: 602447.4 LAT: 32.4985040° N LONG: 104.1351173° W <u>KICK OFF POINT (KOP)</u> 708' FNL - 38' FEL (SEC. 12) N: 545735.5 - E: 602612.9 LAT: 32.5001310° N LONG: 104.1345769° W <u>FIRST TAKE POINT (FTP)</u> 689' FNL - 613' FEL (SEC. 12) N: 545753.1 - E: 602038.0 LAT: 32.5001824° N LONG: 104.1364415° W	

© S 89°45'55" W 2659.88' D S 89°45'26" W 2659.21' E N 89°48'05" E 2664.23' F S 89°48'25" W 2667.25' G
 N 00°13'08" W 2654.78' H N 00°46'16" E 2630.86'
 A S 89°39'54" W 2661.23' L S 89°38'30" W 2661.25' K S 89°39'34" W 2683.50' J N 89°38'15" E 2685.34' I
 N 00°14'17" E 5275.41' S 00°10'37" E 2631.01' H

RRC-Job No: LS18111239AD

**MEWBOURNE
OIL COMPANY**

Project: Eddy Co., NM (NAD 83)

Site: Cholula Pad

Well: Cholula 12-11 WOAB Fed Com 1H

Wellbore: OH

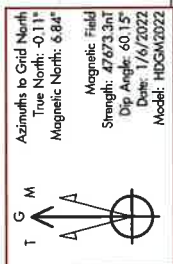
Design: Plan #1

Lat: 32.498504

Lat: 32.476304
Long: -104.135117

ing: -104.135112
GL: 3192.00

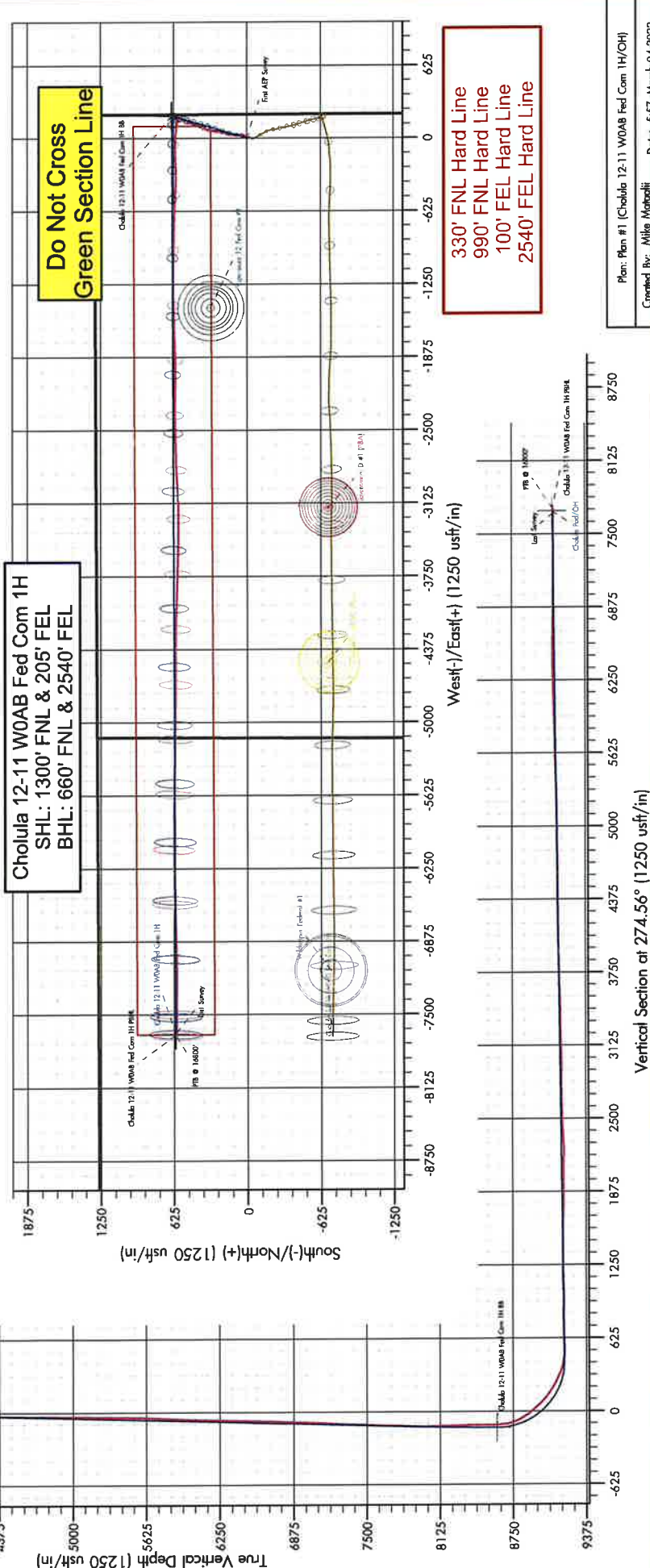
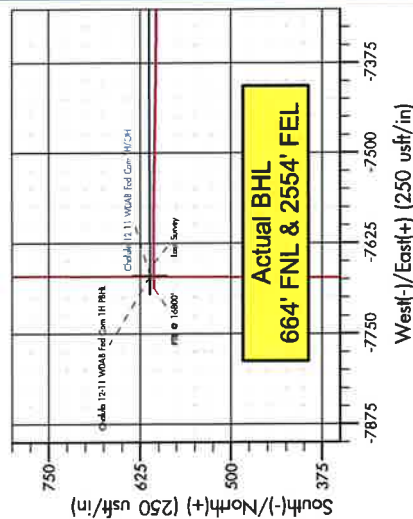
GL: 3192.00
KB: KB=28' @ 3220.00usft (Patterson 574)



WELL DETAILS: Choldula 12-11 W0A8 Fed Com 1H						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	545143.30	602447.40	32.498504	-104.135117	

WELLBORE TARGET DETAILS (LAT/LONG)									
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slope Point		
Choldula 12-11 W0A8 Fed Com 1H 88	TYD		640.37	193.21	545783.67	602640.61			
Choldula 12-11 W0A8 Fed Com 1H PHH 1097.00	611.60	-7670.90	545754.90	594776.50					

SECTION DETAILS									
MD	Incl	Azi	TYD	+N/-S	+E/-W	Dleg	Tfacc	V'Sect	Annulation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	Build 1.5°/100'
3386.13	7.29	3384.82	29.58	8.92	1.50	16.79	-6.54	4783° Hold	
8149.27	7.29	8129.27	610.79	184.29	0.00	0.00	-135.16	Drop 1.5°/100'	
8655.40	0.00	8614.09	640.37	193.21	1.50	180.00	-141.70	Drop 1.5°/100'	
9362.48	90.71	2657.79	9187.00	638.25	-386.82	10.00	289.79	456.33	7284° Hold
16847.16	90.71	2657.79	9097.00	611.60	-7670.90	0.00	0.00	7695.24	ID at 16847.16



Plan: Plan #1 (Cholula 12-11 W0A8 Fed Com 1H/OH)

Created By: Mike Matraliti
Date: 5:57 March 04 2022



Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Cholula Pad

Cholula 12-11 W0AB Fed Com 1H

OH

Design: OH

Standard Survey Report

04 March, 2022





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Eddy Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Cholula Pad				
Site Position:		Northing:	542,452.80 usft	Latitude:	32.491108
From:	Map	Easting:	602,455.30 usft	Longitude:	-104.135108
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Cholula 12-11 W0AB Fed Com 1H					
Well Position	+N/-S	0.00 usft	Northing:	545,143.30 usft	Latitude:	32.498504
	+E/-W	0.00 usft	Easting:	602,447.40 usft	Longitude:	-104.135118
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,192.00 usft
Grid Convergence:		0.11 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	1/6/2022	6.95	60.15	47,673.30000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	274.52

Survey Program		Date	3/4/2022	
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
139.00	354.00	Surface (OH)	MWD	OWSG MWD - Standard
437.00	16,800.00	MWD Survey (OH)	MWD + HDGM	MWD + HDGM - Standard

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.00	0.20	141.67	139.00	-0.19	0.15	-0.16	0.14	0.14	0.00
289.00	0.60	222.67	289.00	-0.97	-0.22	0.14	0.40	0.27	54.00
354.00	0.50	291.67	353.99	-1.12	-0.71	0.62	0.97	-0.15	106.15
437.00	0.85	89.12	436.99	-0.98	-0.43	0.36	1.60	0.42	189.69
First AEP Survey									
497.00	1.09	106.10	496.98	-1.13	0.56	-0.65	0.62	0.40	28.30
558.00	1.27	139.50	557.97	-1.80	1.56	-1.69	1.15	0.30	54.75
680.00	0.99	98.52	679.95	-2.99	3.48	-3.70	0.68	-0.23	-33.59



Altitude Energy Partners

Survey Report



Company: Mewbourne Oil Company
Project: Eddy Co., NM (NAD 83)
Site: Cholula Pad
Well: Cholula 12-11 W0AB Fed Com 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Cholula 12-11 W0AB Fed Com 1H
TVD Reference: KB=28' @ 3220.00usft (Patterson 574)
MD Reference: KB=28' @ 3220.00usft (Patterson 574)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
741.00	1.01	78.37	740.94	-2.96	4.52	-4.74	0.57	0.03	-33.03
867.00	0.35	129.54	866.93	-2.98	5.91	-6.12	0.66	-0.52	40.61
1,055.00	0.35	65.52	1,054.93	-3.10	6.87	-7.10	0.20	0.00	-34.05
1,101.00	0.18	170.57	1,100.93	-3.12	7.01	-7.24	0.94	-0.37	228.37
1,187.00	0.21	69.06	1,186.93	-3.19	7.18	-7.41	0.35	0.03	-118.03
1,281.00	0.84	45.61	1,280.92	-2.65	7.84	-8.02	0.69	0.67	-24.95
1,374.00	1.32	46.18	1,373.91	-1.43	9.10	-9.18	0.52	0.52	0.61
1,467.00	1.68	36.67	1,466.87	0.40	10.68	-10.62	0.47	0.39	-10.23
1,561.00	1.98	25.36	1,560.83	2.98	12.20	-11.93	0.50	0.32	-12.03
1,654.00	1.90	32.43	1,653.77	5.73	13.72	-13.22	0.27	-0.09	7.60
1,748.00	2.45	33.88	1,747.71	8.71	15.67	-14.94	0.59	0.59	1.54
1,842.00	2.64	30.82	1,841.61	12.24	17.90	-16.88	0.25	0.20	-3.26
1,936.00	3.76	29.14	1,935.46	16.79	20.51	-19.12	1.20	1.19	-1.79
2,030.00	4.29	25.22	2,029.23	22.66	23.51	-21.65	0.63	0.56	-4.17
2,124.00	5.27	22.98	2,122.90	29.82	26.69	-24.26	1.06	1.04	-2.38
2,219.00	5.09	14.23	2,217.52	37.92	29.43	-26.35	0.85	-0.19	-9.21
2,313.00	5.85	9.90	2,311.09	46.68	31.28	-27.51	0.92	0.81	-4.61
2,407.00	4.25	358.63	2,404.72	54.88	32.02	-27.60	1.99	-1.70	-11.99
2,596.00	3.63	351.08	2,593.28	67.80	30.93	-25.49	0.43	-0.33	-3.99
2,689.00	3.63	349.31	2,686.09	73.60	29.92	-24.04	0.12	0.00	-1.90
2,814.00	4.38	340.45	2,810.79	81.98	27.59	-21.05	0.78	0.60	-7.09
2,945.00	4.43	344.79	2,941.40	91.58	24.59	-17.30	0.26	0.04	3.31
3,039.00	5.11	6.71	3,035.08	99.24	24.13	-16.24	2.05	0.72	23.32
3,134.00	5.45	12.41	3,129.68	107.85	25.59	-17.02	0.66	0.36	6.00
3,228.00	5.43	8.07	3,223.26	116.61	27.18	-17.91	0.44	-0.02	-4.62
3,323.00	5.80	9.24	3,317.80	125.80	28.58	-18.58	0.41	0.39	1.23
3,417.00	4.42	6.39	3,411.42	134.09	29.74	-19.09	1.49	-1.47	-3.03
3,512.00	3.46	3.86	3,506.20	140.59	30.34	-19.18	1.03	-1.01	-2.66
3,606.00	3.77	3.30	3,600.01	146.50	30.71	-19.08	0.33	0.33	-0.60
3,701.00	3.43	7.08	3,694.82	152.44	31.24	-19.14	0.44	-0.36	3.98
3,795.00	3.61	7.27	3,788.65	158.17	31.96	-19.41	0.19	0.19	0.20
3,890.00	4.91	24.55	3,883.39	164.83	34.03	-20.95	1.91	1.37	18.19
3,984.00	5.56	23.95	3,976.99	172.65	37.55	-23.84	0.69	0.69	-0.64
4,079.00	5.29	21.59	4,071.57	180.93	41.03	-26.66	0.37	-0.28	-2.48
4,173.00	4.87	20.11	4,165.20	188.71	44.00	-29.00	0.47	-0.45	-1.57
4,267.00	4.59	21.97	4,258.88	195.94	46.78	-31.20	0.34	-0.30	1.98
4,362.00	5.18	17.24	4,353.53	203.56	49.47	-33.29	0.75	0.62	-4.98
4,456.00	6.06	10.85	4,447.08	212.49	51.66	-34.77	1.15	0.94	-6.80
4,551.00	6.29	11.67	4,541.53	222.51	53.66	-35.97	0.26	0.24	0.86
4,645.00	6.21	6.19	4,634.97	232.61	55.25	-36.76	0.64	-0.09	-5.83
4,739.00	6.29	4.41	4,728.41	242.80	56.19	-36.90	0.22	0.09	-1.89
4,834.00	6.95	8.81	4,822.78	253.66	57.47	-37.32	0.88	0.69	4.63
4,928.00	6.96	12.02	4,916.09	264.86	59.53	-38.49	0.41	0.01	3.41



Altitude Energy Partners

Survey Report



Company: Mewbourne Oil Company
Project: Eddy Co., NM (NAD 83)
Site: Cholula Pad
Well: Cholula 12-11 W0AB Fed Com 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Cholula 12-11 W0AB Fed Com 1H
TVD Reference: KB=28' @ 3220.00usft (Patterson 574)
MD Reference: KB=28' @ 3220.00usft (Patterson 574)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
5,022.00	6.54	10.55	5,009.44	275.69	61.70	-39.79	0.48	-0.45	-1.56
5,117.00	7.51	8.86	5,103.72	287.14	63.64	-40.83	1.04	1.02	-1.78
5,211.00	7.49	8.58	5,196.92	299.27	65.50	-41.73	0.04	-0.02	-0.30
5,305.00	6.84	5.14	5,290.19	310.90	66.92	-42.23	0.83	-0.69	-3.66
5,400.00	6.66	14.75	5,384.53	321.86	68.83	-43.27	1.20	-0.19	10.12
5,494.00	5.82	8.04	5,477.97	331.86	70.88	-44.53	1.18	-0.89	-7.14
5,588.00	5.37	25.44	5,571.53	340.55	73.44	-46.39	1.86	-0.48	18.51
5,683.00	6.25	29.34	5,666.04	349.07	77.88	-50.15	1.01	0.93	4.11
5,777.00	6.44	30.07	5,759.47	358.09	83.03	-54.57	0.22	0.20	0.78
5,872.00	6.86	29.53	5,853.83	367.64	88.50	-59.27	0.45	0.44	-0.57
5,967.00	6.20	23.51	5,948.21	377.28	93.34	-63.34	1.00	-0.69	-6.34
6,061.00	6.53	22.05	6,041.63	386.89	97.37	-66.60	0.39	0.35	-1.55
6,156.00	5.40	15.49	6,136.12	396.20	100.59	-69.08	1.39	-1.19	-6.91
6,250.00	5.72	13.98	6,229.68	405.01	102.91	-70.69	0.37	0.34	-1.61
6,345.00	6.53	15.26	6,324.13	414.82	105.47	-72.48	0.86	0.85	1.35
6,439.00	5.93	16.21	6,417.58	424.64	108.23	-74.46	0.65	-0.64	1.01
6,534.00	6.22	22.23	6,512.04	434.11	111.55	-77.02	0.74	0.31	6.34
6,628.00	5.88	16.77	6,605.52	443.44	114.87	-79.59	0.71	-0.36	-5.81
6,723.00	7.28	20.85	6,699.89	453.72	118.41	-82.32	1.55	1.47	4.29
6,817.00	6.67	24.84	6,793.20	464.24	122.83	-85.89	0.83	-0.65	4.24
6,911.00	5.31	22.03	6,886.68	473.23	126.75	-89.09	1.48	-1.45	-2.99
7,006.00	5.75	28.08	6,981.24	481.50	130.64	-92.32	0.77	0.46	6.37
7,100.00	5.47	26.46	7,074.79	489.67	134.85	-95.87	0.34	-0.30	-1.72
7,195.00	6.63	32.69	7,169.26	498.34	139.83	-100.15	1.40	1.22	6.56
7,289.00	6.69	30.78	7,262.63	507.61	145.56	-105.14	0.24	0.06	-2.03
7,384.00	6.02	30.51	7,357.04	516.65	150.93	-109.77	0.71	-0.71	-0.28
7,478.00	5.73	22.34	7,450.55	525.24	155.21	-113.37	0.94	-0.31	-8.69
7,572.00	7.24	21.28	7,543.95	535.10	159.15	-116.51	1.61	1.61	-1.13
7,667.00	7.22	17.64	7,638.19	546.37	163.13	-119.60	0.48	-0.02	-3.83
7,761.00	6.29	20.44	7,731.54	556.82	166.72	-122.35	1.05	-0.99	2.98
7,855.00	5.61	20.94	7,825.03	565.94	170.16	-125.06	0.73	-0.72	0.53
7,950.00	5.14	21.24	7,919.61	574.24	173.36	-127.60	0.50	-0.49	0.32
8,044.00	3.42	12.32	8,013.35	580.91	175.48	-129.19	1.96	-1.83	-9.49
8,139.00	1.87	301.48	8,108.27	584.49	174.76	-128.19	3.49	-1.63	-74.57
8,233.00	3.95	247.04	8,202.15	584.02	170.47	-123.95	3.45	2.21	-57.91
8,327.00	1.65	257.15	8,296.04	582.46	166.17	-119.79	2.49	-2.45	10.76
8,422.00	2.08	6.55	8,391.01	583.87	165.04	-118.54	3.21	0.45	115.16
8,516.00	2.17	1.02	8,484.94	587.34	165.26	-118.50	0.24	0.10	-5.88
8,591.00	2.06	5.83	8,559.89	590.10	165.42	-118.44	0.28	-0.15	6.41
8,651.00	2.00	357.96	8,619.85	592.22	165.50	-118.35	0.47	-0.10	-13.12
8,746.00	12.35	274.52	8,714.09	594.69	155.27	-107.96	12.93	10.89	-87.83
8,840.00	29.14	278.21	8,801.68	598.78	122.36	-74.83	17.91	17.86	3.93
8,934.00	37.17	277.74	8,880.31	605.88	71.49	-23.55	8.55	8.54	-0.50
9,029.00	42.30	275.00	8,953.35	612.54	11.16	37.11	5.70	5.40	-2.88



Altitude Energy Partners

Survey Report



Company: Mewbourne Oil Company
Project: Eddy Co., NM (NAD 83)
Site: Cholula Pad
Well: Cholula 12-11 W0AB Fed Com 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Cholula 12-11 W0AB Fed Com 1H
TVD Reference: KB=28' @ 3220.00usft (Patterson 574)
MD Reference: KB=28' @ 3220.00usft (Patterson 574)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
9,123.00	49.18	271.48	9,018.93	616.22	-56.00	104.35	7.79	7.32	-3.74
9,218.00	58.48	267.55	9,074.95	615.42	-132.58	180.63	10.34	9.79	-4.14
9,312.00	62.09	265.15	9,121.54	610.19	-214.03	261.41	4.43	3.84	-2.55
9,406.00	72.64	270.41	9,157.69	606.99	-300.57	347.43	12.35	11.22	5.60
9,501.00	78.41	272.03	9,181.42	608.96	-392.49	439.22	6.29	6.07	1.71
9,595.00	94.11	273.89	9,187.54	613.80	-485.86	532.69	16.82	16.70	1.98
9,690.00	91.19	272.08	9,183.14	618.74	-580.62	627.54	3.62	-3.07	-1.91
9,785.00	90.80	272.10	9,181.49	622.21	-675.54	722.44	0.41	-0.41	0.02
9,879.00	90.18	271.35	9,180.69	625.04	-769.49	816.33	1.04	-0.66	-0.80
9,973.00	88.70	270.57	9,181.61	626.61	-863.47	910.14	1.78	-1.57	-0.83
10,068.00	89.96	270.90	9,182.72	627.83	-958.46	1,004.92	1.37	1.33	0.35
10,163.00	93.80	271.94	9,179.60	630.18	-1,053.36	1,099.71	4.19	4.04	1.09
10,257.00	89.43	269.35	9,176.95	631.24	-1,147.28	1,193.43	5.40	-4.65	-2.76
10,352.00	90.24	269.72	9,177.23	630.47	-1,242.28	1,288.07	0.94	0.85	0.39
10,446.00	89.71	269.50	9,177.27	629.83	-1,336.28	1,381.72	0.61	-0.56	-0.23
10,541.00	90.43	269.07	9,177.15	628.64	-1,431.27	1,476.33	0.88	0.76	-0.45
10,635.00	89.31	268.43	9,177.37	626.59	-1,525.24	1,569.85	1.37	-1.19	-0.68
10,729.00	87.85	267.72	9,179.70	623.43	-1,619.16	1,663.22	1.73	-1.55	-0.76
10,823.00	89.00	267.99	9,182.28	619.92	-1,713.06	1,756.55	1.26	1.22	0.29
10,918.00	89.48	267.66	9,183.54	616.31	-1,807.98	1,850.90	0.61	0.51	-0.35
11,012.00	90.21	269.21	9,183.79	613.75	-1,901.94	1,944.36	1.82	0.78	1.65
11,106.00	90.46	270.09	9,183.24	613.17	-1,995.94	2,038.02	0.97	0.27	0.94
11,201.00	88.67	270.58	9,183.97	613.73	-2,090.93	2,132.76	1.95	-1.88	0.52
11,295.00	88.61	271.09	9,186.20	615.10	-2,184.89	2,226.54	0.55	-0.06	0.54
11,389.00	94.39	271.00	9,183.74	616.81	-2,278.80	2,320.30	6.15	6.15	-0.10
11,483.00	94.87	269.36	9,176.15	617.10	-2,372.49	2,413.72	1.81	0.51	-1.74
11,578.00	90.80	268.45	9,171.45	615.29	-2,467.34	2,508.13	4.39	-4.28	-0.96
11,672.00	90.49	268.89	9,170.39	613.11	-2,561.31	2,601.63	0.57	-0.33	0.47
11,767.00	92.57	268.79	9,167.86	611.19	-2,656.25	2,696.13	2.19	2.19	-0.11
11,861.00	91.44	268.07	9,164.57	608.61	-2,750.15	2,789.54	1.43	-1.20	-0.77
11,956.00	86.84	266.36	9,165.99	604.00	-2,845.00	2,883.73	5.17	-4.84	-1.80
12,050.00	91.70	266.88	9,167.19	598.46	-2,938.80	2,976.80	5.20	5.17	0.55
12,144.00	92.09	266.69	9,164.08	593.19	-3,032.60	3,069.90	0.46	0.41	-0.20
12,182.00	91.11	265.66	9,163.02	590.66	-3,070.50	3,107.48	3.74	-2.58	-2.71
12,277.00	91.75	269.32	9,160.65	586.50	-3,165.36	3,201.72	3.91	0.67	3.85
12,371.00	91.55	270.38	9,157.94	586.25	-3,259.32	3,295.37	1.15	-0.21	1.13
12,465.00	91.33	270.09	9,155.58	586.64	-3,353.29	3,389.07	0.39	-0.23	-0.31
12,560.00	91.33	270.43	9,153.38	587.07	-3,448.26	3,483.79	0.36	0.00	0.36
12,655.00	92.00	271.80	9,150.62	588.92	-3,543.20	3,578.58	1.60	0.71	1.44
12,749.00	90.49	271.80	9,148.57	591.87	-3,637.13	3,672.45	1.61	-1.61	0.00
12,843.00	91.30	272.25	9,147.10	595.19	-3,731.06	3,766.34	0.99	0.86	0.48
12,937.00	90.99	271.80	9,145.23	598.51	-3,824.98	3,860.24	0.58	-0.33	-0.48
13,032.00	90.80	271.99	9,143.74	601.65	-3,919.92	3,955.13	0.28	-0.20	0.20



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
13,126.00	91.36	272.44	9,141.97	605.28	-4,013.83	4,049.03	0.76	0.60	0.48
13,220.00	91.44	271.87	9,139.67	608.82	-4,107.74	4,142.92	0.61	0.09	-0.61
13,314.00	90.77	270.34	9,137.86	610.63	-4,201.70	4,236.74	1.78	-0.71	-1.63
13,408.00	90.24	270.12	9,137.03	611.01	-4,295.69	4,330.47	0.61	-0.56	-0.23
13,503.00	90.43	270.21	9,136.48	611.28	-4,390.69	4,425.19	0.22	0.20	0.09
13,597.00	90.10	269.98	9,136.04	611.44	-4,484.69	4,518.91	0.43	-0.35	-0.24
13,691.00	90.10	269.98	9,135.88	611.40	-4,578.69	4,612.62	0.00	0.00	0.00
13,786.00	90.88	270.38	9,135.07	611.70	-4,673.69	4,707.34	0.92	0.82	0.42
13,880.00	90.15	269.90	9,134.22	611.93	-4,767.68	4,801.06	0.93	-0.78	-0.51
13,975.00	91.53	271.06	9,132.83	612.73	-4,862.66	4,895.81	1.90	1.45	1.22
14,069.00	90.32	270.63	9,131.31	614.11	-4,956.64	4,989.61	1.37	-1.29	-0.46
14,164.00	90.49	270.58	9,130.64	615.11	-5,051.63	5,084.38	0.19	0.18	-0.05
14,258.00	91.41	271.49	9,129.08	616.81	-5,145.60	5,178.19	1.38	0.98	0.97
14,352.00	90.18	270.12	9,127.78	618.13	-5,239.58	5,271.98	1.96	-1.31	-1.46
14,447.00	93.10	271.67	9,125.06	619.61	-5,334.52	5,366.74	3.48	3.07	1.63
14,541.00	92.56	271.81	9,120.42	622.47	-5,428.36	5,460.52	0.59	-0.57	0.15
14,635.00	90.43	270.13	9,117.96	624.06	-5,522.30	5,554.30	2.89	-2.27	-1.79
14,728.00	90.18	269.97	9,117.47	624.14	-5,615.30	5,647.01	0.32	-0.27	-0.17
14,822.00	90.66	270.08	9,116.78	624.18	-5,709.30	5,740.72	0.52	0.51	0.12
14,917.00	93.21	271.25	9,113.57	625.28	-5,804.23	5,835.44	2.95	2.68	1.23
15,011.00	91.11	270.16	9,110.03	626.43	-5,898.15	5,929.16	2.52	-2.23	-1.16
15,105.00	92.65	270.89	9,106.95	627.29	-5,992.09	6,022.88	1.81	1.64	0.78
15,200.00	91.98	270.44	9,103.11	628.40	-6,087.01	6,117.59	0.85	-0.71	-0.47
15,294.00	90.18	268.37	9,101.34	627.42	-6,180.97	6,211.19	2.92	-1.91	-2.20
15,388.00	92.68	269.62	9,098.99	625.77	-6,274.92	6,304.71	2.97	2.66	1.33
15,482.00	89.54	268.31	9,097.17	624.07	-6,368.87	6,398.24	3.62	-3.34	-1.39
15,577.00	90.38	268.69	9,097.24	621.59	-6,463.84	6,492.72	0.97	0.88	0.40
15,671.00	89.82	268.36	9,097.07	619.17	-6,557.81	6,586.20	0.69	-0.60	-0.35
15,766.00	88.95	268.16	9,098.09	616.28	-6,652.76	6,680.63	0.94	-0.92	-0.21
15,860.00	90.69	268.54	9,098.39	613.58	-6,746.72	6,774.08	1.89	1.85	0.40
15,955.00	89.59	268.32	9,098.16	610.97	-6,841.68	6,868.54	1.18	-1.16	-0.23
16,049.00	88.95	268.45	9,099.35	608.32	-6,935.63	6,962.00	0.69	-0.68	0.14
16,143.00	90.04	268.46	9,100.18	605.79	-7,029.59	7,055.47	1.16	1.16	0.01
16,237.00	88.81	268.64	9,101.12	603.41	-7,123.56	7,148.95	1.32	-1.31	0.19
16,331.00	89.93	270.96	9,102.16	603.08	-7,217.54	7,242.62	2.74	1.19	2.47
16,425.00	87.61	269.63	9,104.18	603.57	-7,311.51	7,336.34	2.84	-2.47	-1.41
16,520.00	91.58	271.35	9,104.85	604.38	-7,406.48	7,431.08	4.55	4.18	1.81
16,615.00	90.85	270.72	9,102.83	606.10	-7,501.44	7,525.88	1.01	-0.77	-0.66
16,709.00	89.09	270.19	9,102.88	606.84	-7,595.44	7,619.64	1.96	-1.87	-0.56
16,767.00	89.01	270.22	9,103.84	607.05	-7,653.43	7,677.47	0.15	-0.14	0.05
Last Survey									
16,800.00	89.01	270.22	9,104.41	607.18	-7,686.42	7,710.37	0.00	0.00	0.00
PTB @ 16800'									



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Cholula 12-11 W0AB Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Site:	Cholula Pad	MD Reference:	KB=28' @ 3220.00usft (Patterson 574)
Well:	Cholula 12-11 W0AB Fed Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
437.00	436.99	-0.98	-0.43	First AEP Survey
16,767.00	9,103.84	607.05	-7,653.43	Last Survey
16,800.00	9,104.41	607.18	-7,686.42	PTB @ 16800'

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-015-48743		
Operator Name: Mewbourne Oil Co.	Property Name: Cholula 12/11 W0AB Fed Com	Well Number 1H

Kick Off Point (KOP)

UL A	Section 12	Township 21S	Range 27E	Lot	Feet 708	From N/S N	Feet 38	From E/W E	County EDDY
Latitude 32.5001310					Longitude -104.1345769				NAD 83

First Take Point (FTP)

UL A	Section 12	Township 21S	Range 27E	Lot	Feet 689	From N/S N	Feet 613	From E/W E	County EDDY
Latitude 32.5001824					Longitude -104.1364415				NAD 83

Last Take Point (LTP)

UL B	Section 11	Township 21S	Range 27E	Lot	Feet 664	From N/S N	Feet 2537	From E/W E	County EDDY
Latitude 32.5002095					Longitude -104.1599873				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit 1 Copy To Appropriate District

Office

District I - (575) 393-6161

1625 N. French Dr., Hobbs, NM 88240

District II - (575) 748-1283

811 S. First St., Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Rd., Aztec, NM 87410

District IV - (505) 476-3460

1220 S. St. Francis Dr., Santa Fe, NM

87505

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-103
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-48743
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Mewbourne Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 5270, Hobbs NM 88241		7. Lease Name or Unit Agreement Name Cholula 12/11 W0AB Fed Com
4. Well Location Unit Letter <u>A</u> : <u>1300</u> feet from the <u>North</u> line and <u>205</u> feet from the <u>East</u> line Section <u>12</u> Township <u>21S</u> Range <u>27E</u> NMPM <u>Eddy</u> County		8. Well Number 1H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3192' GL		9. OGRID Number <u>14744</u>
		10. Pool name or Wildcat [70070] ALACRAN HILLS;WOLFCAMP (GAS)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Completion Sundry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Frac horizontal Wolfcamp w/11838456 gals PW slickwater & 6058710 gals brackish slickwater carrying 18142200# local 100 mesh sand.

Drill out frac plugs to PBTD @ 16784'.

05/27/2022
PWOL.

FORMATION TOPS: T/ Salt 450', B/ Salt 775', Yates 945', Capitan 1215', Delaware 2920', Bone Spring 3575', 1st Bone Spring 6725', 2nd Bone Spring 7430', Wolfcamp 9067'.

Spud Date: 02/18/2022

Rig Release Date: 03/06/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Regulatory DATE 06/09/2022

Type or print name Ruby Caballero E-mail address: rcaballero@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
		1. WELL API NO. 30-015-48743			2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN					
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)					5. Lease Name or Unit Agreement Name Cholula 12/11 W0AB Fed Com					
					6. Well Number: 1H					
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Mewbourne Oil Company					9. OGRID 14744					
10. Address of Operator PO Box 5270 Hobbs, NM 88240					11. Pool name or Wildcat [70070] ALACRAN HILLS;WOLFCAMP (GAS)					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	12	21S	27E		1300	North	205	East	Eddy
BH:	B	11	21S	27E		664	North	2555	East	Eddy
13. Date Spudded 02/18/2022	14. Date T.D. Reached 03/03/2022	15. Date Rig Released 03/06/2022		16. Date Completed (Ready to Produce) 05/27/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3192' GL				
18. Total Measured Depth of Well 16800' MD		19. Plug Back Measured Depth 16784' MD		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR				
22. Producing Interval(s), of this completion - Top, Bottom, Name 9518'-16752' Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.	DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
20"	94	415'		26"		525				
13 3/8"	54.5	1155'		17 1/2"		750		0		
9 5/8"	40	2860'		12 1/4"		625		0		
7"	29	8553'		8 3/4"		825		0		
24. LINER RECORD					25. TUBING RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
4 1/2"	8355'	16800'	600							
26. Perforation record (interval, size, and number) 9518'-16752' (45 stages, 0.39" EHD, 1620 holes)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 9518'-16752' Frac horizontal Wolfcamp w/11838456 gals PW slickwater & 6058710 gals brackish slickwater carrying 18142200# local 100 mesh sand.					
28. PRODUCTION										
Date First Production 05/27/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing					
Date of Test 06/08/22	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 465	Gas - MCF 719	Water - Bbl. 3726	Gas - Oil Ratio 1546			
Flow Tubing Press. NA	Casing Pressure 800	Calculated 24-Hour Rate	Oil - Bbl. 465	Gas - MCF 719	Water - Bbl. 3726	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robin Terrell			
31. List Attachments C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 03/06/2022			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude			NAD83			
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Printed Name: Ruby Caballero Ojeda										
Signature: _____ Title: Regulatory										
Date: 06/09/2022										
E-mail Address: rcaballero@mewbourne.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler	T. Bell Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 450	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 775	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Yates 945	Base Greenhorn	T. Granite
T. Blinebry	T. Capitan 1215	T. Dakota	
T. Tubb	T. Delaware 2920	T. Morrison	
T. Drinkard	T. Bone Springs 3575	T. Todilto	
T. Abo	T. Castile	T. Entrada	
T. Wolfcamp	T. Manzanita	T. Wingate	
T. Penn	B. Cherry Canyon	T. Chinle	
T. Cisco (Bough C)	T. Bell Canyon	T. Wolfcamp 9067	

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Add additional sheets if necessary)				LITHOLOGY RECORD (Add additional sheets if necessary)			
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

Mewbourne Oil Company
Well Name: Cholula 12/11 W0AB Fed Corn #1H
API: 30-015-48743 Property Code: 331863
Pools: 70070-ALACRAN HILLS; WOLFCAMP (GAS)
Updated by: Christian Ward
Date Updated: 6/06/2022

Eddy Co, NM
240 Acre Spacing

Spud Date: 2/18/2022
TD Date: 3/4/2022
Rig Release: 3/6/2022
Frac Complete: 5/16/2022
Prod Date: 5/27/2022
GL: 3192

Surface
 26" x 20" 94# J55 BTC
 Set @ 415'
 Cmt w/ 525 sx
 Circ. 225 sx to pit
 Lead TOC: Surface
 Tail TOC: No tail

Intermediate 1
 17 1/2" x 13 3/8" 54.5# J55 STC
 Set @ 1160'
 Cmt w/ 750 sx
 Circ. 194 sx to pit
 Lead TOC: Surface
 Tail TOC: No tail

Intermediate 2
 12 1/4" x 9 5/8" 40# L80 LTC
 Set @ 2860'
 Cmt w/ 525 sx
 Circ. 93 sx to pit
 Lead TOC: Surface
 Tail TOC: 2065'

Production
 8 3/4" x 7" 29# HCP110 LTC
 Set @ 8553'
 Cmt w/ 825 sx
 Circ. 120 sx to pit
 Lead TOC: Surface
 Tail TOC: 5466'

Liner
 6 1/8" x 7" 29# HCP110 LTC
 Set @ 8355' - 16800'
 TOC @ 8355'

Formation Tops	
Formation	Depth
Salt Top	450'
Salt Base	775'
Yates	945'
Capitan	1215'
Delaware (Lamar)	2920'
Bone Spring	3575'
1st Bone Spring Sand	6725'
2nd Bone Spring Sand	7430'
3rd Bone Spring Sand	8650'
Wolfcamp	9067'

KOP @ 8651'
Dev @ KOP: 2'

TVD @ 9100'
TD 6 1/8" hole @ 16800'
PBTD: 16784'
Perfs: 9518' - 16752', 0.39, 1620

Frac horizontal Wolfcamp w/11838456 gals PW slickwater & 6058710 gals brackish slickwater carrying 18142200# local 100 mesh sand.

	MD	TVD	Lat	Long		Footage	Section	Town/Rng	Lease	Prod f/ lease	Qtr
SHL	0	0	32.4985040	-104.1351173	1300'	FNL 205'	FEL 12	21S/27E	NMNM017095	Yes	NENE
KOP	8,651	8,620	32.5001310	-104.1345769	708'	FNL 38'	FEL 12	21S/27E	NMNM017095	Yes	NENE
FTP	9,518	9,183	32.5001824	-104.1364415	689'	FNL 613'	FEL 12	21S/27E	NMNM017095	Yes	NENE
PPP2	14,244	9,129	32.5002238	-104.1517572	666'	FNL 0'	FEL 11	21S/27E	NMNM014768B	Yes	NENE
LTP	16,782	9,104	32.5002095	-104.1598873	664'	FNL 2537'	FEL 11	21S/27E	NMNM014768B	Yes	NWNE
BHL	16,800	9,104	32.5002098	-104.1600456	664'	FNL 2555'	FEL 11	21S/27E	NMNM014768B	Yes	NWNE

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 S. First St., 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 & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744	
⁴ API Number 30-015-48743		³ Reason for Filing Code/ Effective Date NW/ 05/27/22	
⁵ Pool Name ALACRAN HILLS:WOLFCAMP (GAS)		⁶ Pool Code 70070	
⁷ Property Code 331863		⁹ Well Number 1H	

II. ¹⁰ Surface Location

UL or lot no. A	Section 12	Township 21S	Range 27E	Lot Idn 1300	Feet from the North	North/South Line	Feet from the East	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. B	Section 11	Township 21S	Range 27E	Lot Idn 664	Feet from the North	North/South line	Feet from the East	East/West line East	County Eddy
¹² Lse Code S	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 05/27/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

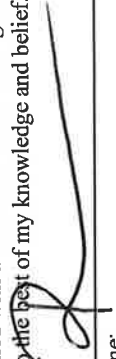
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing 3514 Lovington Hwy Hobbs, NM 88240	O
371058	Enterprise Field Service PO Box 4503 Houston, TX 77210	G

IV. Well Completion Data

²¹ Spud Date 02/18/22	²² Ready Date 05/27/22	²³ TD 16800' MD	²⁴ PBTD 16784'	²⁵ Perforations 9518'-16752	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20" 94# J55	415'	525		
17 ½"	13 ¾" 54.5# J55	1155'	750		
12 ¼"	9 ½" 40# L801C	2860'	625		
8 ¾"	7" 29# HPP110	8553'	825		
6 ⅞"	4 ½" 13.5# ICP110	8355' – 16800'	600		

V. Well Test Data

³¹ Date New Oil 05/27/22	³² Gas Delivery Date 05/27/22	³³ Test Date 06/08/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 800
³⁷ Choke Size 42/64"	³⁸ Oil 465	³⁹ Water 3726	⁴⁰ Gas 719	⁴¹ Test Method Production	
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 					
Printed name: Ruby Caballero					
Title: Regulatory					
E-mail Address: rcaballero@mewbourne.com					
Date: 6/09/2022		Phone: 575-393-5905			

Intent ☐ As Drilled ☒

API # 30-015-48743		
Operator Name: Mewbourne Oil Co.	Property Name: Cholula 12/11 W0AB Fed Com	Well Number 1H

Kick Off Point (KOP)

UL A	Section 12	Township 21S	Range 27E	Lot	Feet 708	From N/S N	Feet 38	From E/W E	County EDDY
Latitude 32.5001310					Longitude -104.1345769			NAD 83	

First Take Point (FTP)

UL A	Section 12	Township 21S	Range 27E	Lot	Feet 689	From N/S N	Feet 613	From E/W E	County EDDY
Latitude 32.5001824					Longitude -104.1364415			NAD 83	

Last Take Point (LTP)

UL B	Section 11	Township 21S	Range 27E	Lot	Feet 664	From N/S N	Feet 2537	From E/W E	County EDDY
Latitude 32.5002095					Longitude -104.1599873			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-48743
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cholula 12/11 W0AB Fed Com
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat [70070] ALACRAN HILLS;WOLFCAMP (GAS)

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Mewbourne Oil Company

3. Address of Operator
PO Box 5270, Hobbs NM 88241

4. Well Location

Unit Letter A : 1300 feet from the North line and 205 feet from the East line
 Section 12 Township 21S Range 27E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3192' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Completion Sundry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Frac horizontal Wolfcamp w/11838456 gals PW slickwater & 6058710 gals brackish slickwater carrying 18142200# local 100 mesh sand.

Drill out frac plugs to PBD @ 16784'.

05/27/2022
 PWOL.

FORMATION TOPS: T/ Salt 450', B/ Salt 775', Yates 945', Capitan 1215', Delaware 2920', Bone Spring 3575', 1st Bone Spring 6725', 2nd Bone Spring 7430', Wolfcamp 9067'.

Spud Date: 02/18/2022

Rig Release Date: 03/06/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Regulatory DATE 06/09/2022

Type or print name Ruby Caballero E-mail address: rcaballero@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
1. WELL API NO. 30-015-48743							2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN			
3. State Oil & Gas Lease No.							5. Lease Name or Unit Agreement Name Cholula 12/11 W0AB Fed Com			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							6. Well Number: 1H			
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER			
8. Name of Operator Mewbourne Oil Company							9. OGRID 14744			
10. Address of Operator PO Box 5270 Hobbs, NM 88240							11. Pool name or Wildcat [70070] ALACRAN HILLS;WOLFCAMP (GAS)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	12	21S	27E		1300	North	205	East	Eddy
BH:	B	11	21S	27E		664	North	2555	East	Eddy
13. Date Spudded 02/18/2022	14. Date T.D. Reached 03/03/2022	15. Date Rig Released 03/06/2022			16. Date Completed (Ready to Produce) 05/27/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3192' GL		
18. Total Measured Depth of Well 16800' MD		19. Plug Back Measured Depth 16784' MD			20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9518'-16752' Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
20"		94		415'		26"		525		
13 3/8"		54.5		1155'		17 1/2"		750		0
9 5/8"		40		2860'		12 1/4"		625		0
7"		29		8553'		8 3/4"		825		0
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
4 1/2"	8355'	16800'	600		SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 9518'-16752' (45 stages, 0.39" EHD, 1620 holes)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					9518'-16752'		Frac horizontal Wolfcamp w/11838456 gals PW slickwater & 6058710 gals brackish slickwater carrying 18142200# local 100 mesh sand.			
28. PRODUCTION										
Date First Production 05/27/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 06/08/22	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 465	Gas - MCF 719	Water - Bbl. 3726	Gas - Oil Ratio 1546			
Flow Tubing Press. NA	Casing Pressure 800	Calculated 24-Hour Rate	Oil - Bbl. 465	Gas - MCF 719	Water - Bbl. 3726	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Robin Terrell			
31. List Attachments C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 03/06/2022			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD83				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Name: Ruby Caballero Ojeda Signature: _____ Title: Regulatory Date: 06/09/2022 E-mail Address: rcaballero@mewbourne.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler	T. Bell Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 450	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 775	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Yates 945	Base Greenhorn	T. Granite
T. Blinebry	T. Capitan 1215	T. Dakota	
T. Tubb	T. Delaware 2920	T. Morrison	
T. Drinkard	T. Bone Springs 3575	T. Todilto	
T. Abo	T. Castile	T. Entrada	
T. Wolfcamp	T. Manzanita	T. Wingate	
T. Penn	B. Cherry Canyon	T. Chinle	
T. Cisco (Bough C)	T. Bell Canyon	T. Wolfcamp 9067	

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 115382

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 115382
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 115382

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 115382
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	8/21/2025