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AA 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
		³ Reason for Filing Code/ Effective Date NW / 06/28/2021
⁴ API Number 30 - 015 - 46116	⁵ Pool Name Shugart; Bone Spring North	⁶ Pool Code 56405
⁷ Property Code 325691	⁸ Property Name Loco Hills 2/1 B2GH Fed Com	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no. G	Section 2	Township 18S	Range 30E	Lot Idn	Feet from the 1398	North/South Line North	Feet from the 2353	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. H	Section 1	Township 18S	Range 30E	Lot Idn	Feet from the 2160	North/South line North	Feet from the 88	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code ESP	¹⁴ Gas Connection Date 06/28/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

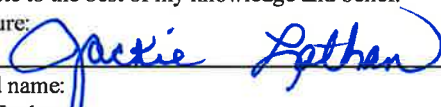
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing. LP 3514 Lovington Hwy Hobbs, NM 88240	O
	Durango Midstream, LLC 10077 Grogans Mills Road Suite 300 The Woodlands, TX 77380	G

IV. Well Completion Data

²¹ Spud Date 02/22/21	²² Ready Date 06/28/21	²³ TD 16075' MD	²⁴ PBDT 16023'	²⁵ Perforations 8357' - 16014'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾"	540	500		
12 ¼"	9 ⅝"	1820'	625		
8 ¾"	7"	8350'	800		
6 ⅝"	4 ½" 2 ⅞"	7450' – 16075' 6999'	775		

V. Well Test Data

³¹ Date New Oil 06/28/21	³² Gas Delivery Date 06/28/21	³³ Test Date 07/11/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 280	³⁶ Csg. Pressure 110
³⁷ Choke Size 37/64"	³⁸ Oil 837	³⁹ Water 2112	⁴⁰ Gas 70		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: 		OIL CONSERVATION DIVISION	
Printed name: Jackie Lathan		Approved by: <i>PATRICIA MARTINEZ</i>	
Title: Regulatory		Title: <i>PETROLEUM SPECIALIST</i>	
E-mail Address: jlathan@mewbourne.com		Approval Date: <i>12/15/2021</i>	
Date: 09/21/2021	Phone: 575-393-5905		

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 - 46116		² Pool Code 56405		³ Pool Name Shugart; Bone Spring North	
⁴ Property Code 325691		⁵ Property Name LOCO HILLS 2/1 B2GH FED COM			⁶ Well Number 2H
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3633'
¹⁰ Surface Location					
UL or lot no. G	Section 2	Township 18S	Range 30E	Lot Idn 1398	Feet from the 2353
		North/South line NORTH		Feet From the EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. H	Section 1	Township 18S	Range 30E	Lot Idn 2160	Feet from the 88
		North/South line NORTH		Feet From the 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.

CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1916" N: 643770.9 - E: 658794.1 B: FOUND BRASS CAP "1916" N: 646409.3 - E: 658785.5 C: FOUND BRASS CAP "1916" N: 649060.9 - E: 658777.2 D: FOUND BRASS CAP "1916" N: 649074.2 - E: 664053.7 E: FOUND BRASS CAP "1916" N: 649081.5 - E: 666692.9 F: FOUND BRASS CAP "1916" N: 649087.7 - E: 669332.1		G: FOUND BRASS CAP "1916" N: 646447.1 - E: 669340.2 H: FOUND BRASS CAP "1916" N: 643809.7 - E: 669349.4 I: FOUND BRASS CAP "1916" N: 643799.4 - E: 666710.1 G: FOUND BRASS CAP "1916" N: 643788.5 - E: 664071.1 H: FOUND BRASS CAP "1916" N: 643780.8 - E: 661430.5 L: FOUND BRASS CAP "1916" N: 646426.4 - E: 664062.2		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>Jackie Lathan</u> Date: <u>10/04/2021</u> Printed Name: <u>Jackie Lathan</u> E-mail Address: <u>jlathan@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. 11-16-2020 Date of Survey Signature and Seal of Professional Surveyor: <u>[Signature]</u> 19680 Certificate Number		19680 Job No: LS20110689			

Plan #1



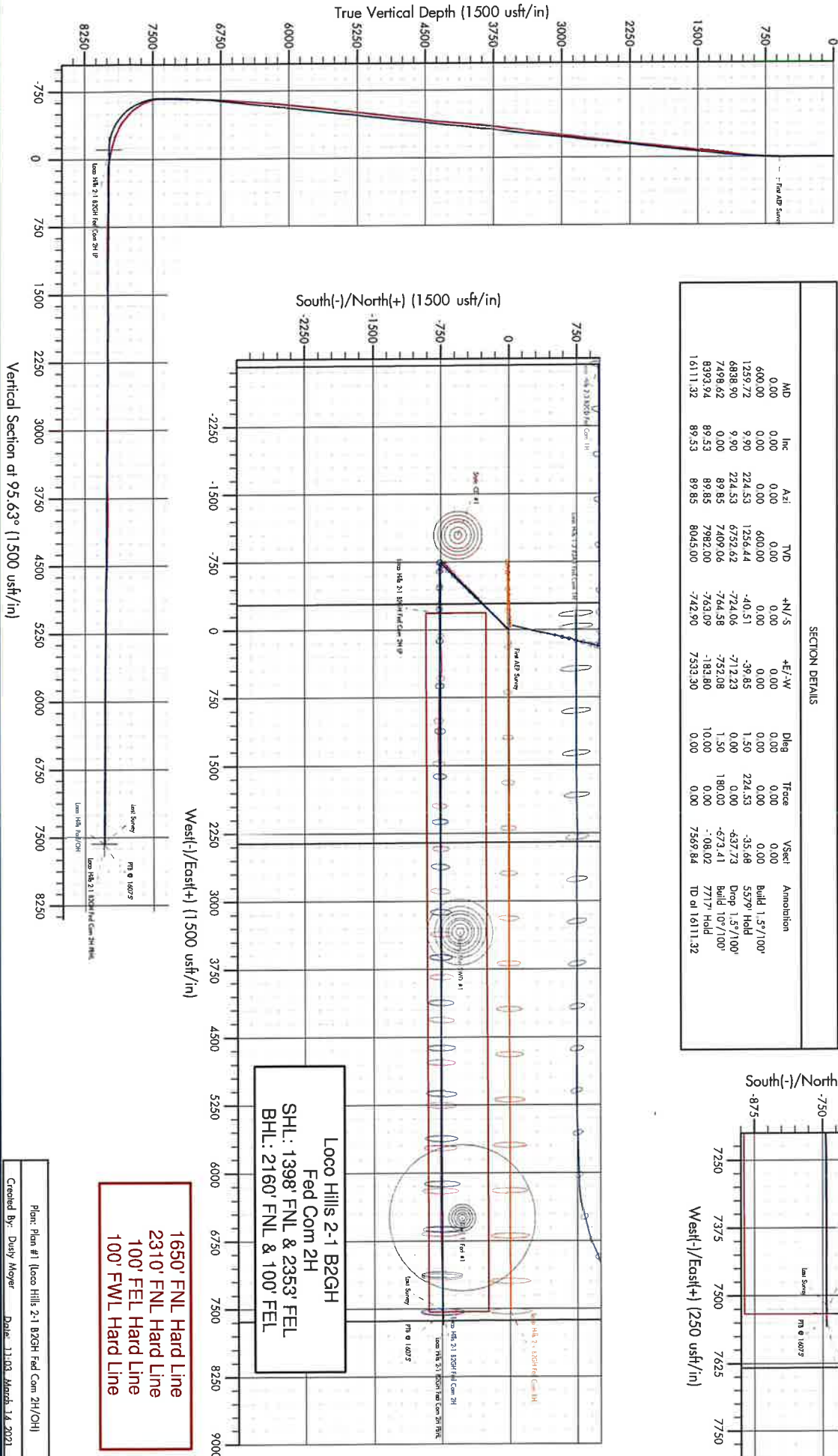
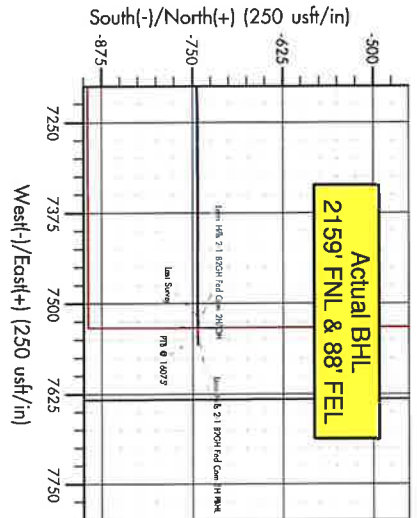
MEWBOURNE
OIL COMPANY

Project: Eddy Co., NM (NAD 83)
Site: Loco Hills Fed
Well: Loco Hills 2-1 B2GH Fed Com 2H
Wellbore: OH
Design: Plan #1
Lot: 32.779868
Long: -103.941685
GL: 3633.00
KB: KB=27' @ 3660.00dth (Patterson 568)



North Arrow
T
G
M
Azimuths to Grid North
True North: 0.21°
Magnetic North: 6.90°
Magnetic Field
Strength: 47952.8nT
Dip Angle: 60.53°
Date: 1/28/2021
Model: HDGM2021

WELL DETAILS: Loco Hills 2-1 B2GH Fed Com 2H									
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude				
0.00	0.00	647670.90	661705.40	32.779868	-103.941685				
WELLBORE TARGET DETAILS (LAT/LONG)									
Name	TVD		+N/-S	+E/-W	Dike	Northing	Easting	Shape	
Loco Hills 2-1 B2GH Fed Com 2H LP	7982.00		-763.09	-183.80	0.00	646907.81	661521.60	Point	
Loco Hills 2-1 B2GH Fed Com 2H FBHL	8045.00		-742.90	-753.30	0.00	646928.00	661928.70	Point	
SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dike	TfIce	Vset	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Build 1.57/100'
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	5379' Hold
1259.72	9.90	224.53	1256.44	-40.51	-39.85	1.50	224.53	-35.68	Drop 1.57/100'
6838.90	0.00	89.85	6752.62	-724.06	-712.23	0.00	0.00	-637.73	Build 107/100'
7498.62	0.00	89.85	7409.06	-764.58	-752.08	1.50	180.00	-673.41	7771' Hold
8393.94	89.53	89.85	7982.00	-763.09	-183.80	10.00	0.00	-08.02	
16111.32	89.53	89.85	8045.00	-742.90	-753.30	0.00	0.00	7569.84	TD at 16111.32



Plan: Plan #1 (Loco Hills 2-1 B2GH Fed Com 2H/CH)
Created By: Dany Meyer Date: 11/03/2021



Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Loco Hills Pad

Loco Hills 2-1 B2GH Fed Com 2H

OH

Design: OH

Standard Survey Report

14 March, 2021





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-1 B2GH Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Site:	Loco Hills Pad	MD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Well:	Loco Hills 2-1 B2GH Fed Com 2H	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:	Loco Hills Pad		
Site Position:		Northing:	647,708.60 usft
From:	Map	Easting:	661,658.60 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.779972
		Longitude:	-103.941837

Well:	Loco Hills 2-1 B2GH Fed Com 2H					
Well Position	+N/-S	0.00 usft	Northing:	647,670.90 usft	Latitude:	32.779868
	+E/-W	0.00 usft	Easting:	661,705.40 usft	Longitude:	-103.941685
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,633.00 usft
Grid Convergence:	0.21 °					

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	1/28/2021	7.12	60.55	47,952.80000000

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	95.63	

Survey Program:	Date:	3/14/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
191.00	519.00	Surface (OH)	MWD	OWSG MWD - Standard
598.00	16,075.00	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
191.00	0.50	135.60	191.00	-0.60	0.58	0.64	0.26	0.26	0.00
339.00	1.30	156.60	338.98	-2.60	1.70	1.95	0.58	0.54	14.19
519.00	2.10	180.60	518.90	-7.77	2.48	3.23	0.59	0.44	13.33
598.00	2.77	177.93	597.83	-11.12	2.53	3.61	0.86	0.85	-3.38
First AEP Survey									
694.00	2.99	208.77	693.71	-15.64	1.41	2.94	1.61	0.23	32.13
789.00	4.97	230.75	788.48	-20.41	-2.97	-0.95	2.60	2.08	23.14
879.00	7.87	230.75	877.91	-26.78	-10.76	-8.08	3.22	3.22	0.00



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-1 B2GH Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Site:	Loco Hills Pad	MD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Well:	Loco Hills 2-1 B2GH Fed Com 2H	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)	
973.00	10.20	229.52	970.74	-36.26	-22.08	-18.41	2.49	2.48	-1.31	
1,068.00	9.98	229.08	1,064.27	-47.11	-34.70	-29.90	0.25	-0.23	-0.46	
1,162.00	9.85	229.69	1,156.86	-57.65	-46.98	-41.10	0.18	-0.14	0.65	
1,256.00	9.45	228.02	1,249.53	-68.01	-58.85	-51.89	0.52	-0.43	-1.78	
1,351.00	9.01	227.14	1,343.30	-78.29	-70.10	-62.08	0.49	-0.46	-0.93	
1,445.00	8.57	228.02	1,436.20	-87.98	-80.70	-71.68	0.49	-0.47	0.94	
1,539.00	9.19	227.58	1,529.07	-97.72	-91.45	-81.42	0.66	0.66	-0.47	
1,634.00	9.76	227.58	1,622.78	-108.27	-102.99	-91.87	0.60	0.60	0.00	
1,727.00	8.53	226.88	1,714.59	-118.31	-113.85	-101.69	1.33	-1.32	-0.75	
1,768.00	9.67	225.47	1,755.08	-122.80	-118.52	-105.90	2.83	2.78	-3.44	
1,925.00	9.98	224.68	1,909.77	-141.72	-137.49	-122.92	0.22	0.20	-0.50	
2,019.00	9.45	223.45	2,002.42	-153.11	-148.52	-132.78	0.61	-0.56	-1.31	
2,113.00	9.10	222.40	2,095.20	-164.21	-158.84	-141.96	0.41	-0.37	-1.12	
2,208.00	8.92	222.57	2,189.02	-175.18	-168.89	-150.88	0.19	-0.19	0.18	
2,302.00	10.11	227.14	2,281.73	-186.16	-179.87	-160.73	1.50	1.27	4.86	
2,396.00	10.68	228.81	2,374.19	-197.50	-192.47	-172.16	0.69	0.61	1.78	
2,491.00	10.33	228.46	2,467.59	-208.95	-205.47	-183.97	0.37	-0.37	-0.37	
2,585.00	9.63	226.09	2,560.17	-219.99	-217.44	-194.80	0.86	-0.74	-2.52	
2,679.00	9.23	225.65	2,652.90	-230.72	-228.50	-204.75	0.43	-0.43	-0.47	
2,773.00	10.59	226.44	2,745.50	-241.94	-240.15	-215.25	1.45	1.45	0.84	
2,868.00	11.16	227.32	2,838.79	-254.19	-253.23	-227.07	0.62	0.60	0.93	
2,962.00	11.08	228.46	2,931.03	-266.34	-266.68	-239.26	0.25	-0.09	1.21	
3,057.00	10.81	227.41	3,024.30	-278.43	-280.07	-251.40	0.35	-0.28	-1.11	
3,152.00	10.81	226.97	3,117.61	-290.53	-293.14	-263.22	0.09	0.00	-0.46	
3,246.00	10.73	226.62	3,209.96	-302.56	-305.95	-274.78	0.11	-0.09	-0.37	
3,341.00	10.90	227.67	3,303.27	-314.68	-319.02	-286.59	0.27	0.18	1.11	
3,435.00	10.95	228.64	3,395.57	-326.57	-332.29	-298.63	0.20	0.05	1.03	
3,530.00	11.08	227.85	3,488.81	-338.65	-345.83	-310.92	0.21	0.14	-0.83	
3,624.00	11.34	229.69	3,581.02	-350.69	-359.57	-323.42	0.47	0.28	1.96	
3,719.00	10.77	227.50	3,674.26	-362.73	-373.24	-335.84	0.75	-0.60	-2.31	
3,814.00	10.24	223.28	3,767.67	-374.88	-385.57	-346.92	0.98	-0.56	-4.44	
3,908.00	10.24	223.36	3,860.17	-387.03	-397.04	-357.14	0.02	0.00	0.09	
4,003.00	8.62	223.36	3,953.88	-398.35	-407.72	-366.66	1.71	-1.71	0.00	
4,097.00	7.78	223.72	4,046.92	-408.07	-416.96	-374.90	0.90	-0.89	0.38	
4,192.00	7.87	223.28	4,141.04	-417.45	-425.86	-382.84	0.11	0.09	-0.46	
4,286.00	7.91	223.19	4,234.15	-426.85	-434.70	-390.71	0.04	0.04	-0.10	
4,380.00	9.63	222.49	4,327.04	-437.37	-444.44	-399.37	1.83	1.83	-0.74	
4,475.00	10.46	222.49	4,420.59	-449.59	-455.63	-409.31	0.87	0.87	0.00	
4,569.00	10.73	223.89	4,512.99	-462.18	-467.46	-419.84	0.40	0.29	1.49	
4,664.00	10.77	223.19	4,606.32	-475.03	-479.67	-430.73	0.14	0.04	-0.74	
4,758.00	10.77	223.10	4,698.66	-487.85	-491.68	-441.43	0.02	0.00	-0.10	
4,853.00	10.99	223.45	4,791.95	-500.90	-503.97	-452.38	0.24	0.23	0.37	
4,947.00	10.99	223.72	4,884.23	-513.88	-516.32	-463.40	0.05	0.00	0.29	



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-1 B2GH Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Site:	Loco Hills Pad	MD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Well:	Loco Hills 2-1 B2GH Fed Com 2H	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)
5,042.00	10.59	226.26	4,977.55	-526.46	-528.89	-474.67	0.65	-0.42	2.67
5,137.00	10.46	226.09	5,070.95	-538.48	-541.41	-485.95	0.14	-0.14	-0.18
5,231.00	10.33	226.09	5,163.41	-550.24	-553.63	-496.96	0.14	-0.14	0.00
5,325.00	9.93	225.39	5,255.94	-561.78	-565.47	-507.61	0.45	-0.43	-0.74
5,420.00	9.76	226.35	5,349.55	-573.09	-577.13	-518.10	0.25	-0.18	1.01
5,515.00	9.23	228.02	5,443.24	-583.74	-588.62	-528.49	0.63	-0.56	1.76
5,609.00	9.23	229.60	5,536.03	-593.67	-599.96	-538.80	0.27	0.00	1.68
5,704.00	9.05	230.48	5,629.82	-603.36	-611.53	-549.36	0.24	-0.19	0.93
5,799.00	8.75	232.42	5,723.68	-612.52	-623.02	-559.90	0.45	-0.32	2.04
5,894.00	8.44	234.70	5,817.61	-620.96	-634.44	-570.43	0.48	-0.33	2.40
5,988.00	8.70	233.47	5,910.56	-629.18	-645.78	-580.91	0.34	0.28	-1.31
6,083.00	8.88	225.56	6,004.45	-638.59	-656.79	-590.95	1.29	0.19	-8.33
6,177.00	8.44	224.77	6,097.38	-648.57	-666.83	-599.96	0.48	-0.47	-0.84
6,272.00	7.78	226.35	6,191.43	-657.95	-676.39	-608.55	0.73	-0.69	1.66
6,366.00	6.90	226.44	6,284.66	-666.24	-685.08	-616.39	0.94	-0.94	0.10
6,460.00	6.20	225.39	6,378.04	-673.69	-692.79	-623.33	0.76	-0.74	-1.12
6,555.00	5.32	223.98	6,472.56	-680.46	-699.50	-629.34	0.94	-0.93	-1.48
6,649.00	5.71	227.14	6,566.13	-686.78	-705.95	-635.15	0.53	0.41	3.36
6,743.00	5.36	227.58	6,659.69	-692.92	-712.62	-641.18	0.38	-0.37	0.47
6,838.00	5.58	224.07	6,754.25	-699.24	-719.11	-647.02	0.42	0.23	-3.69
6,933.00	5.05	221.17	6,848.85	-705.70	-725.08	-652.32	0.63	-0.56	-3.05
7,027.00	4.09	223.72	6,942.55	-711.24	-730.12	-656.79	1.04	-1.02	2.71
7,121.00	3.47	218.97	7,036.34	-715.87	-734.22	-660.42	0.74	-0.66	-5.05
7,216.00	2.68	220.29	7,131.20	-719.80	-737.47	-663.27	0.83	-0.83	1.39
7,310.00	2.20	225.91	7,225.12	-722.73	-740.18	-665.68	0.57	-0.51	5.98
7,404.00	1.58	229.78	7,319.07	-724.83	-742.47	-667.75	0.67	-0.66	4.12
7,416.00	1.71	236.20	7,331.06	-725.03	-742.74	-668.00	1.88	1.08	53.50
7,437.00	1.45	238.13	7,352.05	-725.35	-743.23	-668.46	1.26	-1.24	9.19
7,484.00	1.05	151.82	7,399.05	-726.04	-743.53	-668.69	3.69	-0.85	-183.64
7,532.00	5.54	115.08	7,446.96	-727.41	-741.22	-666.26	9.88	9.35	-76.54
7,579.00	12.79	109.37	7,493.33	-730.10	-734.25	-659.06	15.53	15.43	-12.15
7,626.00	19.21	106.65	7,538.48	-734.05	-721.92	-646.40	13.75	13.66	-5.79
7,673.00	25.45	105.42	7,581.94	-738.95	-704.76	-628.84	13.31	13.28	-2.62
7,721.00	31.03	101.46	7,624.21	-744.16	-682.68	-606.35	12.26	11.63	-8.25
7,768.00	35.12	98.21	7,663.59	-748.50	-657.41	-580.78	9.48	8.70	-6.91
7,815.00	38.37	93.81	7,701.25	-751.40	-629.46	-552.68	8.89	6.91	-9.36
7,862.00	43.96	92.32	7,736.62	-753.03	-598.58	-521.79	12.07	11.89	-3.17
7,909.00	49.19	92.41	7,768.92	-754.44	-564.49	-487.72	11.13	11.13	0.19
7,956.00	51.78	94.60	7,798.82	-756.67	-528.31	-451.50	6.58	5.51	4.66
8,004.00	54.46	95.13	7,827.63	-759.93	-490.05	-413.11	5.65	5.58	1.10
8,051.00	57.93	94.96	7,853.77	-763.36	-451.16	-374.06	7.39	7.38	-0.36
8,098.00	63.43	93.46	7,876.78	-766.35	-410.30	-333.11	12.03	11.70	-3.19
8,145.00	67.56	91.97	7,896.27	-768.37	-367.60	-290.41	9.25	8.79	-3.17
8,193.00	70.59	90.39	7,913.41	-769.29	-322.78	-245.72	7.02	6.31	-3.29



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-1 B2GH Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Site:	Loco Hills Pad	MD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Well:	Loco Hills 2-1 B2GH Fed Com 2H	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)
8,240.00	72.62	89.33	7,928.25	-769.17	-278.18	-201.35	4.82	4.32	-2.26
8,287.00	74.07	88.63	7,941.72	-768.37	-233.16	-156.63	3.40	3.09	-1.49
8,297.00	74.77	88.45	7,944.40	-768.13	-223.53	-147.07	7.21	7.00	-1.80
8,401.00	79.21	87.49	7,967.81	-764.53	-122.29	-46.67	4.36	4.27	-0.92
8,495.00	81.93	87.75	7,983.21	-760.68	-29.65	45.14	2.91	2.89	0.28
8,590.00	88.26	87.75	7,991.33	-756.97	64.88	138.85	6.66	6.66	0.00
8,684.00	90.20	85.82	7,992.59	-751.69	158.71	231.72	2.91	2.06	-2.05
8,778.00	91.21	87.75	7,991.43	-746.42	252.55	324.59	2.32	1.07	2.05
8,873.00	91.47	89.07	7,989.21	-743.79	347.49	418.81	1.42	0.27	1.39
8,968.00	89.93	91.88	7,988.05	-744.58	442.46	513.40	3.37	-1.62	2.96
9,062.00	86.37	96.98	7,991.09	-751.83	536.09	607.29	6.61	-3.79	5.43
9,158.00	85.71	97.51	7,997.72	-763.90	631.09	703.02	0.88	-0.69	0.55
9,252.00	87.56	93.55	8,003.24	-772.94	724.47	796.83	4.64	1.97	-4.21
9,347.00	91.91	89.60	8,003.68	-775.55	819.40	891.55	6.18	4.58	-4.16
9,441.00	92.00	88.72	8,000.47	-774.17	913.33	984.90	0.94	0.10	-0.94
9,536.00	89.63	91.00	7,999.12	-773.94	1,008.31	1,079.39	3.46	-2.49	2.40
9,630.00	88.79	93.37	8,000.41	-777.52	1,102.22	1,173.21	2.67	-0.89	2.52
9,725.00	90.02	89.60	8,001.40	-779.99	1,197.17	1,267.93	4.17	1.29	-3.97
9,819.00	91.08	88.80	8,000.50	-778.67	1,291.15	1,361.34	1.41	1.13	-0.85
9,913.00	91.43	86.61	7,998.44	-774.91	1,385.05	1,454.41	2.36	0.37	-2.33
10,008.00	90.11	90.03	7,997.16	-772.13	1,479.98	1,548.61	3.86	-1.39	3.60
10,102.00	91.25	88.28	7,996.05	-770.74	1,573.96	1,642.00	2.22	1.21	-1.86
10,197.00	91.56	87.49	7,993.72	-767.24	1,668.86	1,736.10	0.89	0.33	-0.83
10,290.00	88.57	90.39	7,993.61	-765.52	1,761.83	1,828.45	4.48	-3.22	3.12
10,385.00	88.22	90.39	7,996.27	-766.16	1,856.79	1,923.02	0.37	-0.37	0.00
10,479.00	89.76	88.10	7,997.93	-764.92	1,950.76	2,016.41	2.94	1.64	-2.44
10,573.00	89.93	87.93	7,998.18	-761.67	2,044.70	2,109.58	0.26	0.18	-0.18
10,668.00	90.46	87.22	7,997.86	-757.65	2,139.61	2,203.64	0.93	0.56	-0.75
10,762.00	90.68	88.63	7,996.93	-754.24	2,233.54	2,296.78	1.52	0.23	1.50
10,857.00	90.90	88.19	7,995.62	-751.61	2,328.50	2,391.02	0.52	0.23	-0.46
10,951.00	87.34	92.32	7,997.06	-752.02	2,422.45	2,484.56	5.80	-3.79	4.39
11,045.00	88.13	93.11	8,000.78	-756.47	2,516.27	2,578.36	1.19	0.84	0.84
11,140.00	90.11	90.65	8,002.23	-759.59	2,611.20	2,673.14	3.32	2.08	-2.59
11,234.00	90.29	90.21	8,001.91	-760.29	2,705.19	2,766.75	0.51	0.19	-0.47
11,328.00	90.90	88.36	8,000.93	-759.12	2,799.18	2,860.16	2.07	0.65	-1.97
11,423.00	89.05	89.86	8,000.97	-757.65	2,894.16	2,954.54	2.51	-1.95	1.58
11,518.00	89.89	88.63	8,001.85	-756.39	2,989.14	3,048.95	1.57	0.88	-1.29
11,612.00	89.89	87.93	8,002.03	-753.57	3,083.10	3,142.17	0.74	0.00	-0.74
11,707.00	87.87	90.12	8,003.89	-751.96	3,178.06	3,236.51	3.14	-2.13	2.31
11,801.00	88.09	89.95	8,007.20	-752.01	3,272.00	3,330.01	0.30	0.23	-0.18
11,896.00	90.90	86.69	8,008.04	-749.23	3,366.93	3,424.21	4.53	2.96	-3.43
11,990.00	88.62	89.42	8,008.43	-746.04	3,460.86	3,517.37	3.78	-2.43	2.90
12,085.00	91.52	88.36	8,008.32	-744.20	3,555.83	3,611.70	3.25	3.05	-1.12



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-1 B2GH Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Site:	Loco Hills Pad	MD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Well:	Loco Hills 2-1 B2GH Fed Com 2H	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)
12,179.00	91.96	88.80	8,005.46	-741.87	3,649.76	3,704.95	0.66	0.47	0.47
12,274.00	90.51	91.70	8,003.41	-742.29	3,744.72	3,799.49	3.41	-1.53	3.05
12,369.00	89.05	92.23	8,003.78	-745.54	3,839.66	3,894.30	1.63	-1.54	0.56
12,464.00	89.45	90.91	8,005.02	-748.15	3,934.62	3,989.05	1.45	0.42	-1.39
12,558.00	90.20	90.56	8,005.31	-749.35	4,028.61	4,082.70	0.88	0.80	-0.37
12,650.00	88.40	90.47	8,006.43	-750.18	4,120.59	4,174.33	1.96	-1.96	-0.10
12,744.00	88.44	90.21	8,009.03	-750.74	4,214.56	4,267.89	0.28	0.04	-0.28
12,839.00	88.70	90.65	8,011.40	-751.45	4,309.52	4,362.47	0.54	0.27	0.46
12,934.00	88.31	90.74	8,013.87	-752.60	4,404.49	4,457.08	0.42	-0.41	0.09
13,028.00	88.48	90.74	8,016.51	-753.81	4,498.44	4,550.70	0.18	0.18	0.00
13,123.00	88.66	90.65	8,018.88	-754.97	4,593.40	4,645.32	0.21	0.19	-0.09
13,217.00	88.88	90.30	8,020.90	-755.74	4,687.38	4,738.92	0.44	0.23	-0.37
13,311.00	88.79	90.56	8,022.81	-756.45	4,781.36	4,832.51	0.29	-0.10	0.28
13,406.00	89.67	90.12	8,024.08	-757.01	4,876.35	4,927.10	1.04	0.93	-0.46
13,500.00	89.58	90.12	8,024.70	-757.21	4,970.34	5,020.66	0.10	-0.10	0.00
13,595.00	89.41	90.56	8,025.54	-757.77	5,065.34	5,115.25	0.50	-0.18	0.46
13,689.00	89.54	90.21	8,026.40	-758.41	5,159.33	5,208.85	0.40	0.14	-0.37
13,783.00	89.58	90.21	8,027.12	-758.75	5,253.33	5,302.43	0.04	0.04	0.00
13,877.00	89.71	90.65	8,027.70	-759.46	5,347.32	5,396.04	0.49	0.14	0.47
13,972.00	89.63	89.77	8,028.25	-759.80	5,442.32	5,490.61	0.93	-0.08	-0.93
14,067.00	89.58	90.30	8,028.90	-759.86	5,537.32	5,585.16	0.56	-0.05	0.56
14,161.00	89.19	90.30	8,029.91	-760.35	5,631.31	5,678.75	0.41	-0.41	0.00
14,255.00	89.32	90.56	8,031.14	-761.06	5,725.30	5,772.35	0.31	0.14	0.28
14,350.00	89.27	90.39	8,032.30	-761.85	5,820.29	5,866.96	0.19	-0.05	-0.18
14,445.00	89.54	90.47	8,033.29	-762.56	5,915.28	5,961.56	0.30	0.28	0.08
14,539.00	89.45	89.86	8,034.12	-762.83	6,009.28	6,055.13	0.66	-0.10	-0.65
14,633.00	89.71	89.95	8,034.81	-762.67	6,103.27	6,148.66	0.29	0.28	0.10
14,728.00	89.80	90.47	8,035.21	-763.02	6,198.27	6,243.23	0.56	0.09	0.55
14,822.00	89.89	90.74	8,035.47	-764.02	6,292.27	6,336.87	0.30	0.10	0.29
14,916.00	90.11	89.95	8,035.47	-764.58	6,386.26	6,430.47	0.87	0.23	-0.84
15,011.00	90.59	90.30	8,034.89	-764.79	6,481.26	6,525.03	0.63	0.51	0.37
15,106.00	89.41	87.93	8,034.89	-763.32	6,576.24	6,619.41	2.79	-1.24	-2.49
15,200.00	90.07	88.10	8,035.31	-760.07	6,670.18	6,712.58	0.73	0.70	0.18
15,294.00	89.93	88.54	8,035.31	-757.31	6,764.14	6,805.81	0.49	-0.15	0.47
15,388.00	90.07	87.84	8,035.31	-754.34	6,858.10	6,899.02	0.76	0.15	-0.74
15,483.00	90.02	88.01	8,035.24	-750.90	6,953.03	6,993.16	0.19	-0.05	0.18
15,577.00	89.54	88.54	8,035.60	-748.07	7,046.99	7,086.39	0.76	-0.51	0.56
15,672.00	89.63	88.54	8,036.29	-745.65	7,141.96	7,180.66	0.09	0.09	0.00
15,766.00	90.20	88.19	8,036.43	-742.97	7,235.92	7,273.90	0.71	0.61	-0.37
15,860.00	89.54	90.47	8,036.64	-741.87	7,329.90	7,367.33	2.53	-0.70	2.43
15,955.00	89.14	90.39	8,037.74	-742.58	7,424.89	7,461.93	0.43	-0.42	-0.08
16,048.00	89.14	90.30	8,039.13	-743.14	7,517.88	7,554.52	0.10	0.00	-0.10
Last Survey									



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-1 B2GH Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Site:	Loco Hills Pad	MD Reference:	KB=27' @ 3660.00usft (Patterson 568)
Well:	Loco Hills 2-1 B2GH Fed Com 2H	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)
16,075.00	89.14	90.30	8,039.54	-743.28	7,544.88	7,581.40	0.00	0.00	0.00
PTB @ 16075'									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/S (usft)	+E/W (usft)	
598.00	597.83	-11.12	2.53	First AEP Survey
16,048.00	8,039.13	-743.14	7,517.88	Last Survey
16,075.00	8,039.54	-743.28	7,544.88	PTB @ 16075'

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-015-46116		
Operator Name: Mewbourne Oil Co.	Property Name: Loco Hills 2/1 B2GH Fed Com	Well Number 2H

Kick Off Point (KOP)

UL F	Section 2	Township 18S	Range 30E	Lot	Feet 2121	From N/S N	Feet 2178	From E/W W	County Eddy
Latitude 32.7778801					Longitude -103.9441127			NAD 83	

First Take Point (FTP)

UL G	Section 2	Township 18S	Range 30E	Lot	Feet 2163	From N/S N	Feet 2520	From E/W E	County Eddy
Latitude 32.7777640					Longitude -103.9422313			NAD 83	

Last Take Point (LTP)

UL H	Section 1	Township 18S	Range 30E	Lot	Feet 2160	From N/S N	Feet 107	From E/W E	County Eddy
Latitude 32.7777464					Longitude -103.9172042			NAD 83	

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

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



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

Sundry Print Report

12/09/2021

Well Name: LOCO HILLS 2/1 B2JI FED COM	Well Location: T18S / R30E / SEC 2 / SWNE / 32.7798682 / -103.941685	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM121954	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546116	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Subsequent Report**Sundry ID:** 2634270**Type of Submission:** Subsequent Report**Type of Action:** Hydraulic Fracturing**Date Sundry Submitted:** 09/15/2021**Time Sundry Submitted:** 06:47**Date Operation Actually Began:** 06/09/2021

Actual Procedure: Frac horizontal Bone Spring from 8357' MD to 16014' MD w/15,884,862 gals Slickwater, carrying 19,017,504# local 100 mesh sand. Flowback well for cleanup. 06/26/2021 Drill out frac plugs to PBTD @ 16023'. 06/28/2021 PWOL for initial sales. 07/08/2021 RIH w/2 7/8" 6.5# tbg & ESP to 6999'. FORMATION TOPS: Rustler 333', Castile 588', B/salt 1474', Yates 1680', Seven Rivers 2036', Queen 2650', Grayburg 2848', San Andres 3047', Bone Spring 4801', 1st Bone Spring 6941', 2nd Bone Spring 7308'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

Well Name: LOCO HILLS 2/1 B2JI FED COM	Well Location: T18S / R30E / SEC 2 / SWNE / 32.7798682 / -103.941685	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM121954	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546116	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

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:** SEP 15, 2021 06:46 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:** Jackie Lathan**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Zip:** 88241**Phone:** (575)393-5905**Email address:** jlathan@mewbourne.com**BLM Point of Contact****BLM POC Name:** Jonathon W Shepard**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5752345972**BLM POC Email Address:** jshepard@blm.gov**Disposition:** Accepted**Disposition Date:** 10/15/2021**Signature:** Jonathon Shepard



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

Well Completion Print Report

10/04/2021

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JH FED COM B2G# County EDDY	Well Number 2H 4H	US Well Number 3001546116
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Lease Number(s) NMNM121954, NMNM121954
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	Agreement Number(s) ID 10400038712

Section 1 - General

Well Completion Report Id: 81175 **Submission Date:** N/A until DB Work

BLM Office: Carlsbad Field Office **User:** Bradley Bishop **Title:** Regulatory

Federal/Indian: FEDERAL **Lease Number:** NMNM121954 **Lease Acres:**

Agreement in place?: NO **Federal or Indian Agreement:**

Agreement Number: **Agreement Name:**

Keep this Well Completion Report confidential?: YES

APD Operator: MEWBOURNE OIL
COMPANY

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool **Pool Name:** BONE SPRING **Field Name:** Loco Hills East

Well Type: OIL WELL

Spud Date: 02-22-2021

Date Total Measured Depth Reached: 03-13-2021

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
UNKNOWN	ANHYDRITE		3650	27	27	NONE	
RUSTLER	ANHYDRITE, DOLOMITE		3220	430	430	USEABLE WATER	

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JI FED COM	Well Number 1H	US Well Number 3001546116
	County EDDY	State NM	Lease Number(s) NMNM121954, NMNM121954
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400038712

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		3020	630	630	NONE	
BASE OF SALT	SALT		2140	1510	1510	NONE	
YATES	SANDSTONE		1938	1685	1685	NATURAL GAS, OIL	
SEVEN RIVERS	DOLOMITE		1608	2042	2042	NATURAL GAS, OIL	
QUEEN	DOLOMITE, SANDSTONE		1000	2650	2650	NATURAL GAS, OIL	
GRAYBURG	ANHYDRITE		622	3028	3028	NATURAL GAS, OIL	
SAN ANDRES	DOLOMITE		160	3490	3490	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SHALE		-1280	4930	4930	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-3338	6988	6988	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-3885	7535	7535	NATURAL GAS, OIL	

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
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Operator Name MEWBORNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JI FED COM	Well Number 1H	US Well Number 3001546116
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Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM121954	NMNM121954	NEW		DRG	06-20-2021	06-28-2021	BONE SPRINGS	8357	16014	Y	.39	1404	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totile Fluid (bbis)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	378211		15,884,862 gals Slickwater, carrying 19,017,504 # local 100 mesh sand.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1			ELECTRIC PUMP SUB-SURFACE		SOLD	

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JI FED COM	Well Number 1H	US Well Number 3001546116
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Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400038712

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	07/11/2021	24	837	70	2112	83	37/64	280		110

Well Location

Survey Type: RECTANGULAR

Survey Number: 1

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

Wellbore Code	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/L of Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.7798682	-103.941685	3633	STATE	STATE				1398	FNL	2353	FEL	18S	30E	2	SWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.7778801	-103.9441127	-3766	STATE	STATE				2121	FNL	2178	FWL	18S	30E	2	SENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.777764	-103.9422313	-4325	STATE	STATE				2163	FNL	2520	FEL	18S	30E	2	SWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.777778	-103.9340313	-4363	FEDERAL	NMLC047633B				2155	FNL	0	FWL	18S	30E	1	SWNW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.7777464	-103.9172042	-4406	FEDERAL	NMLC047633B				2160	FNL	106	FEL	18S	30E	1	SENE

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JI FED COM	Well Number 1H	US Well Number 3001546116
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Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400038712

Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State	
SENE	1	30E	18S	FEL	88	FNL	2160				NMLC047633B	FEDERAL	-4407	103.9171456	32.7777459	EDDY	NEW MEXICO PRINCIPAL	NEW MEXICO	BHL Well bore 00

Casing, Liner and Tubing

Casing and Liner

Amount Pulled (ft)	Other Joint	Joint	Describe Other Casing Grade	Casing Grade	Wt(lbs/ft)	Casing Size	Bottom Setting Depth (MD)	Top Setting Depth (MD)	Hole Size	Casing String Type	Wellbore Code
		ST&C		J-55	54.5	13.375	540	0	17.5	SURFACE	00
		LT&C		J-55	36	9.625	1820	0	12.25	INTERMEDIATE	00
		LT&C		HCP-110	29	7.0	8350	0	8.75	PRODUCTION	00
	CDC HTQ	OTHER		HCP-110	13.5	4.5	16075	7450	6.125	LINER	00

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JI FED COM	Well Number 1H	US Well Number 3001546116
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Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400038712

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbbls)
00	SURFACE		Class C	500	1.34	0					119.3
00	INTERMEDIATE		Class C	425	1.68	0	Class C	200	1.33		174.5
00	PRODUCTION		Class H	400	3.18	0	Class H	400	1.18		310.6
00	LINER		Class C	675	1.74	7450				925	209.2

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		6999		6	L-80		OTHER	EUE

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JI FED COM	Well Number 1H	US Well Number 3001546116
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Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400038712

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: MEWBOURNE OIL COMPANY

Signed By: Bradley Bishop

Title: Regulatory

Signed on: 10/04/2021

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name: Jackie Lathan

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88241

Phone: (575)393-5905

Extension:

Email address: jlathan@mewbourne.com

Attachments

2.5in_MD_Loco_Hills_2_1_B2GH_Fed_Com_2H_20210921125136.pdf

2.5in_TVD_Loco_Hills_2_1_B2GH_Fed_Com_2H_20210921125303.pdf

5in_MD_Loco_Hills_2_1_B2GH_Fed_Com_2H_20210921125333.pdf

5in_TVD_Loco_Hills_2_1_B2GH_Fed_Com_2H_20210921125354.pdf

Loco_Hills_2_1_B2GH_Fed_Com_2H_Final_PVA_20210921125447.pdf

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/1 B2JI FED COM County EDDY	Well Number 1H State NM	US Well Number 3001546116 Lease Number(s) NMNM121954, NMNM121954
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
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20211004070054_20211004070448.pdf

Mewbourne Oil Company**Well Name: Loco Hills 2/1 B2GH Fed Com #2H****Updated by: Andy Taylor****Spud Date: 2/22/2021****Date Updated: 10/1/2021****Surface**

17 1/2" x 13 3/4" 54.5# J55

Set @ 540'

Cmt w/ 500 sx

Circ. 239 sx to pit

Intermediate

12 1/4" x 9 3/4" 36# J55, 40# HCL80

Set @ 1820'

Cmt w/ 625 sx

Circ. 138 sx to pit

TBG Detail:

1	Sensor	3.40'
1	456 Series Motor 156 HP	23.50'
1	456 Series Motor 204 HP	30.02'
2	400 Series Seal	16.50'
2	400 Series Gas Sep	5.00'
1	400 Series Pump (66 Stg)	20.40'
1	400 Series Pump (66 Stg)	20.40'
1	400 Series Pump (66 Stg)	20.40'
1	400 Series Pump (66 Stg)	20.40'
1	400 Series Pump (66 Stg)	20.40'
1	400 Series Discharge Head	0.62'
1	2 3/4" SN w/ Collar	1.10'
211	2 3/4" 6.5# L80 tbg	6789.34'
Total tbg		6970.53'
KB Correction		28.50'
Tbg set @		6999.03'

Production

8 3/4" x 7" 29# HCP110

Set @ 8350'

Cmt w/ 800 sx

Circ. 35 sx to pit

Liner

6 1/8" x 4 1/2" HCP110

Set @ 7450'-16,075'

Cmt w/ 675 sx

TOC @ 7450'

KOP @ 7484'**Dev @ KOP: 1.05°****TVD @ 8035'****TD 6 1/8" hole @ 16,075'**

District I

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

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

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

District IV

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

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

ACKNOWLEDGMENTS

Action 66065

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 66065
	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.

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

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811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 66065

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 66065
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/15/2021