

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 - 46020	⁵ Pool Name Walters Lake; Bone Spring	⁶ Pool Code 62685
⁷ Property Code 33028	⁸ Property Name Loco Hills 2/3 B2CD Fed Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. G	Section 2	Township 18S	Range 30E	Lot Idn	Feet from the 1360	North/South Line North	Feet from the 2400	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. 4	Section 3	Township 18S	Range 30E	Lot Idn	Feet from the 394	North/South line North	Feet from the 88	East/West line West	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 04/02/21	²² Ready Date 06/28/21	²³ TD 15954' MD	²⁴ PBDT 15904'	²⁵ Perforations 8235' - 15892'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾"	540	375		
12 ¼"	9 ½"	1820'	550		
8 ¾"	7"	8215'	750		
6 ½"	4 ½" 2 ¾"	7264' – 15954' 6795'	650		

V. Well Test Data

³¹ Date New Oil 06/28/21	³² Gas Delivery Date 06/28/21	³³ Test Date 07/19/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 330	³⁶ Csg. Pressure 90
³⁷ Choke Size 36/64"	³⁸ Oil 843	³⁹ Water 2470	⁴⁰ Gas 468		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 Approved by: Leonard R. Lowe	
Printed name: Jackie Lathan		Title: Engineer	
Title: Regulatory		Approval Date: 12/14/21	
E-mail Address: jlathan@mewbourne.com			
Date: 10/20/2021	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 30-015-46020		² Pool Code 62685		³ Pool Name WALTERS LAKE; BONE SPRING					
⁴ Property Code 33028		⁵ Property Name LOCO HILLS 2/3 B2CD FED COM						⁶ Well Number 1H	
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 3637'	
¹⁰ Surface Location									
UL or lot no. G	Section 2	Township 18S	Range 30E	Lot Idn	Feet from the 1360	North/South line NORTH	Feet From the 2400	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. 4	Section 3	Township 18S	Range 30E	Lot Idn	Feet from the 394	North/South line NORTH	Feet from the 88	East/West line WEST	County EDDY
¹² Dedicated Acres 242.50		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.

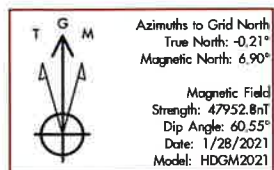
¹⁶ CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1916" N: 643759.8 - E: 653515.9 B: FOUND BRASS CAP "1916" N: 646397.6 - E: 653507.4 C: FOUND BRASS CAP "1916" N: 649049.6 - E: 653498.5 D: FOUND BRASS CAP "1916" N: 649060.9 - E: 658777.2 E: FOUND BRASS CAP "1916" N: 649074.2 - E: 664053.7 F: FOUND BRASS CAP "1916" N: 646426.4 - E: 664062.2 G: FOUND BRASS CAP "1916" N: 643788.5 - E: 664071.1 H: FOUND BRASS CAP "1916" N: 643780.8 - E: 661430.5 I: FOUND BRASS CAP "1916" N: 643770.9 - E: 658794.1 J: FOUND BRASS CAP "1916" N: 643765.2 - E: 656154.0 K: FOUND BRASS CAP "1916" N: 646409.3 - E: 658785.5		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>09/21/2021</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. Date of Survey <u>11-16-2020</u> Signature and Seal of Professional Surveyor <u>Robert M. Howett</u> Certificate Number <u>19680</u>		

Job No: LS20110690

Plan #1


MEWBOURNE
OIL COMPANY

Project: Eddy Co., NM (NAD 83)
 Site: Loco Hills Pad
 Well: Loco Hills 2-3 B2CD Fed Com 1H
 Wellbore: OH
 Design: Plan #1
 Lat: 32.779972
 Long: -103.941837
 GL: 3637.00
 KB: KB=27 @ 3664.00usft (Patterson 558)



WELL DETAILS: Loco Hills 2-3 B2CD Fed Com 1H

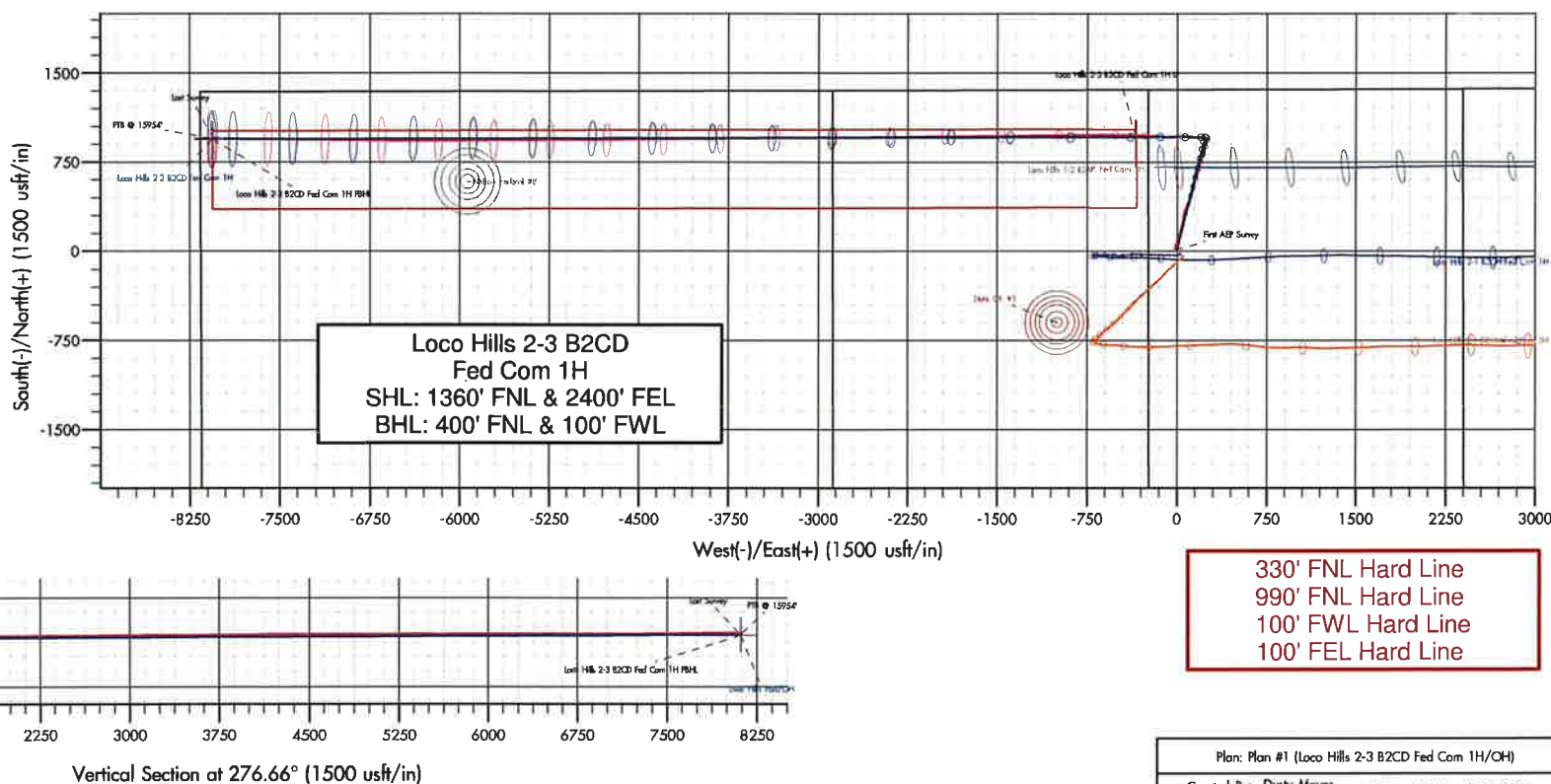
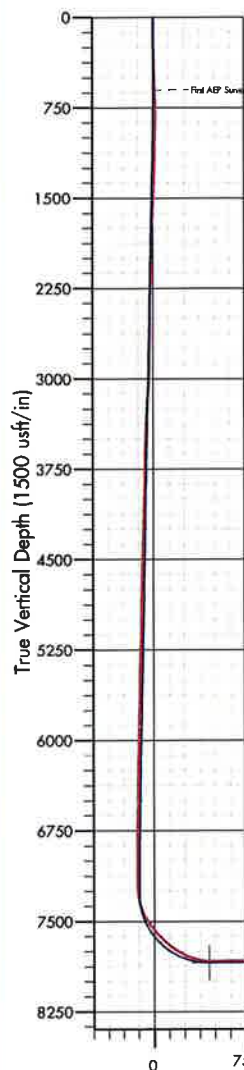
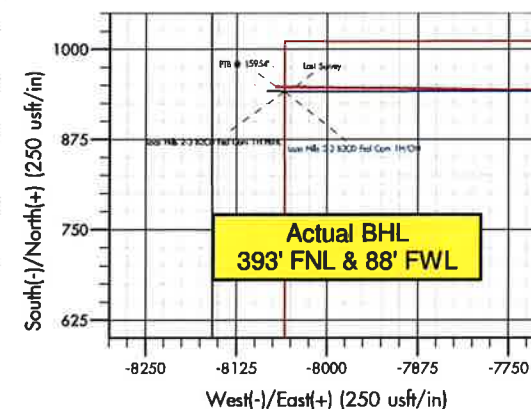
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	647708.60	661658.60	32.779972	-103.941837

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Loco Hills 2-3 B2CD Fed Com 1H PHL	7818.00	941.30	-8058.80	648649.90	653599.80	Point
Loco Hills 2-3 B2CD Fed Com 1H LP	7848.00	958.70	-342.01	648667.30	661316.59	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	Build 1.5°/100'
1217.66	9.26	13.65	1214.97	48.42	11.76	1.50	13.65	-6.06	5517' Hold
6734.73	9.26	13.65	6660.07	911.57	221.41	0.00	0.00	-114.16	Drop 1.5°/100'
7352.40	0.00	269.87	7275.05	960.00	233.17	1.50	180.00	-120.22	Build 10°/100'
8254.62	90.22	269.87	7848.00	958.70	-342.01	10.00	0.00	450.92	7716' Hold
15971.49	90.22	269.87	7818.00	941.30	-8058.80	0.00	0.00	8113.59	TD at 15971.49



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

Plan: Plan #1 (Loco Hills 2-3 B2CD Fed Com 1H/OH)

Created By: Dusty Mayer

Date: 4-54 April 22 2021



Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Loco Hills Pad

Loco Hills 2-3 B2CD Fed Com 1H

OH

Design: OH

Standard Survey Report

22 April, 2021





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-3 B2CD Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Site:	Loco Hills Pad	MD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Well:	Loco Hills 2-3 B2CD 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	Loco Hills Pad			
Site Position:		Northing:	647,708.60 usft	Latitude: 32.779972
From:	Map	Easting:	661,658.60 usft	Longitude: -103.941837
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	

Well	Loco Hills 2-3 B2CD Fed Com 1H			
Well Position	+N/-S	0.00 usft	Northing:	647,708.60 usft
	+E/-W	0.00 usft	Easting:	661,658.60 usft
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft
Grid Convergence:		0.21 °	Ground Level:	3,637.00 usft

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	276.66

Survey Program	Date	4/22/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
201.00	500.00	Surface (OH)	MWD	OWSG MWD - Standard
604.00	15,954.00	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
201.00	0.70	325.59	201.00	1.01	-0.69	0.81	0.35	0.35	0.00
316.00	1.20	311.59	315.98	2.39	-1.99	2.26	0.48	0.43	-12.17
500.00	2.30	297.59	499.89	5.38	-6.71	7.28	0.64	0.60	-7.61
604.00	2.59	298.51	603.80	7.47	-10.62	11.41	0.28	0.28	0.89
First AEP Survey									
702.00	3.03	328.92	701.68	10.74	-13.90	15.06	1.56	0.45	31.03
799.00	4.75	4.69	798.47	16.94	-14.90	16.76	2.98	1.77	36.88
881.00	6.59	18.93	880.07	24.78	-13.09	15.88	2.81	2.24	17.37



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-3 B2CD Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Site:	Loco Hills Pad	MD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Well:	Loco Hills 2-3 B2CD 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)
975.00	7.08	18.23	973.40	35.38	-9.53	13.57	0.53	0.52	-0.74
1,069.00	7.25	16.03	1,066.67	46.59	-6.08	11.45	0.34	0.18	-2.34
1,163.00	7.91	15.68	1,159.84	58.52	-2.70	9.47	0.70	0.70	-0.37
1,258.00	8.79	15.06	1,253.84	71.82	0.96	7.38	0.93	0.93	-0.65
1,352.00	10.11	15.77	1,346.56	86.69	5.07	5.03	1.41	1.40	0.76
1,446.00	9.93	17.26	1,439.13	102.37	9.71	2.23	0.34	-0.19	1.59
1,540.00	9.45	18.05	1,531.78	117.45	14.51	-0.78	0.53	-0.51	0.84
1,634.00	9.05	18.05	1,624.56	131.82	19.19	-3.77	0.43	-0.43	0.00
1,728.00	9.80	17.88	1,717.29	146.46	23.94	-6.78	0.80	0.80	-0.18
1,769.00	9.80	18.40	1,757.69	153.09	26.11	-8.17	0.22	0.00	1.27
1,905.00	9.05	17.96	1,891.86	174.25	33.06	-12.62	0.55	-0.55	-0.32
1,999.00	8.62	16.82	1,984.74	188.03	37.38	-15.31	0.49	-0.46	-1.21
2,094.00	10.02	16.73	2,078.49	202.76	41.82	-18.01	1.47	1.47	-0.09
2,188.00	10.81	14.27	2,170.94	219.13	46.35	-20.61	0.96	0.84	-2.62
2,282.00	10.29	12.87	2,263.35	235.86	50.39	-22.69	0.62	-0.55	-1.49
2,377.00	9.41	12.34	2,356.95	251.72	53.94	-24.37	0.93	-0.93	-0.56
2,470.00	8.57	9.88	2,448.80	265.97	56.75	-25.51	0.99	-0.90	-2.65
2,565.00	9.19	11.37	2,542.66	280.38	59.46	-26.53	0.70	0.65	1.57
2,659.00	8.88	12.34	2,635.50	294.83	62.49	-27.87	0.37	-0.33	1.03
2,753.00	10.02	13.48	2,728.22	309.87	65.95	-29.56	1.23	1.21	1.21
2,847.00	10.07	11.81	2,820.78	325.87	69.54	-31.26	0.31	0.05	-1.78
2,941.00	9.54	10.67	2,913.41	341.56	72.66	-32.55	0.60	-0.56	-1.21
3,036.00	10.33	21.30	3,006.99	357.24	77.21	-35.25	2.10	0.83	11.19
3,130.00	10.95	25.08	3,099.37	373.18	84.06	-40.20	0.99	0.66	4.02
3,224.00	10.77	24.47	3,191.69	389.26	91.48	-45.71	0.23	-0.19	-0.65
3,319.00	10.73	23.94	3,285.02	405.42	98.75	-51.05	0.11	-0.04	-0.56
3,413.00	10.59	23.50	3,377.40	421.34	105.74	-56.15	0.17	-0.15	-0.47
3,507.00	10.29	17.52	3,469.85	437.26	111.72	-60.23	1.20	-0.32	-6.36
3,601.00	10.37	14.36	3,562.32	453.47	116.34	-62.95	0.61	0.09	-3.36
3,696.00	10.33	14.98	3,655.78	469.98	120.66	-65.32	0.12	-0.04	0.65
3,885.00	10.11	15.24	3,841.78	502.35	129.40	-70.25	0.12	-0.12	0.14
3,980.00	10.07	14.98	3,935.31	518.42	133.74	-72.69	0.06	-0.04	-0.27
4,074.00	10.15	15.50	4,027.85	534.34	138.08	-75.16	0.13	0.09	0.55
4,169.00	10.20	15.42	4,121.36	550.52	142.55	-77.72	0.05	0.05	-0.08
4,263.00	9.93	15.33	4,213.91	566.36	146.91	-80.21	0.29	-0.29	-0.10
4,358.00	9.71	14.80	4,307.52	582.00	151.12	-82.58	0.25	-0.23	-0.56
4,452.00	9.54	14.71	4,400.19	597.20	155.12	-84.79	0.18	-0.18	-0.10
4,547.00	9.41	15.15	4,493.90	612.31	159.15	-87.04	0.16	-0.14	0.46
4,642.00	9.10	14.89	4,587.66	627.07	163.11	-89.26	0.33	-0.33	-0.27
4,736.00	9.01	15.77	4,680.49	641.33	167.02	-91.49	0.18	-0.10	0.94
4,831.00	8.75	15.06	4,774.35	655.47	170.92	-93.72	0.30	-0.27	-0.75
4,925.00	8.57	13.83	4,867.28	669.18	174.45	-95.64	0.27	-0.19	-1.31
5,020.00	8.18	13.66	4,961.27	682.62	177.74	-97.35	0.41	-0.41	-0.18



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-3 B2CD Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Site:	Loco Hills Pad	MD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Well:	Loco Hills 2-3 B2CD 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)
5,114.00	7.82	13.13	5,054.35	695.34	180.77	-98.88	0.39	-0.38	-0.56
5,208.00	8.97	15.42	5,147.34	708.63	184.18	-100.72	1.27	1.22	2.44
5,303.00	9.19	15.68	5,241.15	723.08	188.20	-103.04	0.24	0.23	0.27
5,397.00	8.79	16.29	5,334.00	737.20	192.24	-105.41	0.44	-0.43	0.65
5,492.00	8.48	16.65	5,427.92	750.88	196.28	-107.84	0.33	-0.33	0.38
5,586.00	8.44	16.82	5,520.90	764.12	200.26	-110.26	0.05	-0.04	0.18
5,681.00	8.31	17.52	5,614.89	777.34	204.35	-112.78	0.17	-0.14	0.74
5,775.00	7.91	18.40	5,707.95	789.96	208.43	-115.38	0.45	-0.43	0.94
5,870.00	8.53	13.48	5,801.97	803.01	212.14	-117.55	0.99	0.65	-5.18
5,965.00	8.57	13.22	5,895.91	816.75	215.40	-119.19	0.06	0.04	-0.27
6,059.00	8.35	15.42	5,988.89	830.15	218.82	-121.03	0.42	-0.23	2.34
6,154.00	8.09	17.52	6,082.92	843.17	222.66	-123.34	0.42	-0.27	2.21
6,248.00	7.96	13.75	6,176.00	855.80	226.20	-125.39	0.58	-0.14	-4.01
6,343.00	7.69	15.50	6,270.11	868.32	229.46	-127.18	0.38	-0.28	1.84
6,437.00	8.44	10.67	6,363.18	881.16	232.42	-128.63	1.07	0.80	-5.14
6,532.00	8.04	10.41	6,457.20	894.54	234.91	-129.55	0.42	-0.42	-0.27
6,627.00	7.52	12.25	6,551.33	907.15	237.43	-130.59	0.61	-0.55	1.94
6,721.00	5.58	14.10	6,644.71	917.60	239.85	-131.78	2.08	-2.06	1.97
6,816.00	5.76	20.16	6,739.24	926.55	242.62	-133.49	0.66	0.19	6.38
6,910.00	4.57	5.84	6,832.86	934.71	244.63	-134.53	1.86	-1.27	-15.23
7,004.00	4.04	357.13	6,926.60	941.74	244.84	-133.93	0.89	-0.56	-9.27
7,099.00	2.15	2.58	7,021.46	946.86	244.75	-133.25	2.01	-1.99	5.74
7,193.00	2.11	12.78	7,115.39	950.31	245.22	-133.31	0.40	-0.04	10.85
7,270.00	1.93	355.20	7,192.35	952.99	245.42	-133.20	0.83	-0.23	-22.83
7,342.00	3.12	294.38	7,264.29	955.00	243.54	-131.10	3.83	1.65	-84.47
7,437.00	14.99	278.30	7,357.94	957.85	228.97	-116.30	12.66	12.49	-16.93
7,531.00	26.20	271.79	7,445.81	960.27	196.09	-83.36	12.15	11.93	-6.93
7,626.00	34.33	272.14	7,527.79	961.92	148.28	-35.68	8.56	8.56	0.37
7,720.00	42.68	272.23	7,601.28	964.16	89.85	22.61	8.88	8.88	0.10
7,815.00	46.59	267.40	7,668.89	963.84	23.16	88.82	5.45	4.12	-5.08
7,909.00	55.03	268.54	7,728.24	961.31	-49.58	160.78	9.03	8.98	1.21
8,004.00	62.02	274.78	7,777.84	963.82	-130.46	241.39	9.24	7.36	6.57
8,051.00	67.30	274.08	7,797.95	967.09	-172.79	283.82	11.31	11.23	-1.49
8,095.00	72.97	272.58	7,812.90	969.49	-214.09	325.11	13.28	12.89	-3.41
8,145.00	79.82	272.06	7,824.65	971.45	-262.61	373.54	13.74	13.70	-1.04
8,193.00	86.55	271.27	7,830.35	972.83	-310.23	420.99	14.12	14.02	-1.65
8,212.00	88.13	270.83	7,831.23	973.18	-329.20	439.88	8.63	8.32	-2.32
8,233.00	88.75	271.18	7,831.80	973.55	-350.19	460.77	3.39	2.95	1.67
8,304.00	91.16	270.91	7,831.86	974.84	-421.17	531.43	3.42	3.39	-0.38
8,398.00	91.21	271.09	7,829.91	976.48	-515.14	624.95	0.20	0.05	0.19
8,493.00	90.46	269.68	7,828.53	977.12	-610.12	719.37	1.68	-0.79	-1.48
8,587.00	90.46	269.16	7,827.77	976.17	-704.12	812.61	0.55	0.00	-0.55
8,681.00	89.98	269.60	7,827.41	975.15	-798.11	905.85	0.69	-0.51	0.47
8,776.00	89.98	269.68	7,827.45	974.55	-893.11	1,000.14	0.08	0.00	0.08



Altitude Energy Partners

Survey Report



Company: Mewbourne Oil Company
Project: Eddy Co., NM (NAD 83)
Site: Loco Hills Pad
Well: Loco Hills 2-3 B2CD Fed Com 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Loco Hills 2-3 B2CD Fed Com 1H
TVD Reference: KB=27 @ 3664.00usft (Patterson 558)
MD Reference: KB=27 @ 3664.00usft (Patterson 558)
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)
8,871.00	89.85	269.16	7,827.59	973.59	-988.10	1,094.38	0.56	-0.14	-0.55
8,966.00	89.85	269.16	7,827.83	972.20	-1,083.09	1,188.57	0.00	0.00	0.00
9,060.00	89.98	269.51	7,827.97	971.11	-1,177.09	1,281.80	0.40	0.14	0.37
9,155.00	89.98	269.60	7,828.01	970.37	-1,272.08	1,376.07	0.09	0.00	0.09
9,250.00	89.80	269.16	7,828.19	969.34	-1,367.08	1,470.30	0.50	-0.19	-0.46
9,344.00	90.33	269.60	7,828.08	968.33	-1,461.07	1,563.54	0.73	0.56	0.47
9,438.00	89.71	269.42	7,828.05	967.52	-1,555.07	1,656.81	0.69	-0.66	-0.19
9,533.00	90.51	269.60	7,827.87	966.71	-1,650.06	1,751.07	0.86	0.84	0.19
9,627.00	90.46	269.77	7,827.07	966.19	-1,744.06	1,844.37	0.19	-0.05	0.18
9,722.00	90.07	269.77	7,826.63	965.81	-1,839.05	1,938.69	0.41	-0.41	0.00
9,816.00	90.33	269.68	7,826.30	965.36	-1,933.05	2,032.00	0.29	0.28	-0.10
9,911.00	90.24	269.24	7,825.83	964.46	-2,028.05	2,126.25	0.47	-0.09	-0.46
10,005.00	90.29	269.33	7,825.40	963.29	-2,122.04	2,219.47	0.11	0.05	0.10
10,098.00	90.33	269.42	7,824.89	962.28	-2,215.03	2,311.71	0.11	0.04	0.10
10,193.00	90.20	269.33	7,824.45	961.24	-2,310.03	2,405.95	0.17	-0.14	-0.09
10,287.00	90.37	269.60	7,823.99	960.36	-2,404.02	2,499.20	0.34	0.18	0.29
10,382.00	90.29	269.51	7,823.44	959.62	-2,499.02	2,593.47	0.13	-0.08	-0.09
10,476.00	90.46	269.42	7,822.82	958.75	-2,593.01	2,686.73	0.20	0.18	-0.10
10,571.00	90.33	269.42	7,822.17	957.79	-2,688.00	2,780.97	0.14	-0.14	0.00
10,665.00	89.54	269.77	7,822.28	957.12	-2,782.00	2,874.25	0.92	-0.84	0.37
10,759.00	90.68	269.68	7,822.10	956.67	-2,876.00	2,967.56	1.22	1.21	-0.10
10,854.00	90.37	269.68	7,821.23	956.14	-2,970.99	3,061.86	0.33	-0.33	0.00
10,948.00	90.20	269.24	7,820.76	955.25	-3,064.99	3,155.11	0.50	-0.18	-0.47
11,042.00	90.24	269.24	7,820.40	954.01	-3,158.98	3,248.32	0.04	0.04	0.00
11,137.00	90.20	269.68	7,820.03	953.11	-3,253.97	3,342.57	0.47	-0.04	0.46
11,231.00	90.20	269.42	7,819.70	952.37	-3,347.97	3,435.85	0.28	0.00	-0.28
11,326.00	90.29	269.68	7,819.30	951.63	-3,442.96	3,530.12	0.29	0.09	0.27
11,421.00	90.55	269.42	7,818.60	950.88	-3,537.96	3,624.38	0.39	0.27	-0.27
11,515.00	90.29	269.33	7,817.91	949.86	-3,631.95	3,717.62	0.29	-0.28	-0.10
11,610.00	90.55	269.33	7,817.22	948.74	-3,726.94	3,811.84	0.27	0.27	0.00
11,704.00	90.51	269.42	7,816.35	947.72	-3,820.93	3,905.08	0.10	-0.04	0.10
11,799.00	90.24	269.33	7,815.72	946.68	-3,915.92	3,999.31	0.30	-0.28	-0.09
11,894.00	90.81	269.33	7,814.85	945.57	-4,010.91	4,093.53	0.60	0.60	0.00
11,988.00	91.38	269.24	7,813.06	944.40	-4,104.89	4,186.73	0.61	0.61	-0.10
12,082.00	90.42	269.60	7,811.58	943.45	-4,198.87	4,279.97	1.09	-1.02	0.38
12,177.00	89.85	269.33	7,811.36	942.56	-4,293.86	4,374.22	0.66	-0.60	-0.28
12,272.00	89.76	269.33	7,811.68	941.45	-4,388.86	4,468.44	0.09	-0.09	0.00
12,367.00	89.36	269.51	7,812.41	940.49	-4,483.85	4,562.68	0.46	-0.42	0.19
12,461.00	89.85	269.60	7,813.06	939.76	-4,577.84	4,655.96	0.53	0.52	0.10
12,555.00	90.20	269.68	7,813.02	939.17	-4,671.84	4,749.25	0.38	0.37	0.09
12,650.00	90.24	269.42	7,812.65	938.42	-4,766.84	4,843.52	0.28	0.04	-0.27
12,745.00	90.46	269.68	7,812.07	937.68	-4,861.83	4,937.79	0.36	0.23	0.27
12,839.00	90.07	269.51	7,811.64	937.01	-4,955.83	5,031.07	0.45	-0.41	-0.18



Altitude Energy Partners

Survey Report



Company: Mewbourne Oil Company
 Project: Eddy Co., NM (NAD 83)
 Site: Loco Hills Pad
 Well: Loco Hills 2-3 B2CD Fed Com 1H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well Loco Hills 2-3 B2CD Fed Com 1H
 TVD Reference: KB=27 @ 3664.00usft (Patterson 558)
 MD Reference: KB=27 @ 3664.00usft (Patterson 558)
 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)
12,934.00	90.29	270.12	7,811.34	936.70	-5,050.83	5,125.39	0.68	0.23	0.64
13,028.00	90.64	270.03	7,810.58	936.83	-5,144.83	5,218.77	0.38	0.37	-0.10
13,122.00	90.02	269.60	7,810.04	936.52	-5,238.82	5,312.10	0.80	-0.66	-0.46
13,217.00	90.11	269.95	7,809.93	936.15	-5,333.82	5,406.41	0.38	0.09	0.37
13,311.00	89.41	269.42	7,810.32	935.63	-5,427.82	5,499.71	0.93	-0.74	-0.56
13,406.00	90.20	269.86	7,810.64	935.04	-5,522.82	5,594.00	0.95	0.83	0.46
13,500.00	90.37	269.60	7,810.18	934.59	-5,616.81	5,687.31	0.33	0.18	-0.28
13,594.00	89.93	269.42	7,809.93	933.79	-5,710.81	5,780.58	0.51	-0.47	-0.19
13,688.00	90.11	269.68	7,809.90	933.05	-5,804.81	5,873.86	0.34	0.19	0.28
13,783.00	89.67	269.51	7,810.08	932.38	-5,899.80	5,968.13	0.50	-0.46	-0.18
13,877.00	90.11	269.42	7,810.26	931.50	-5,993.80	6,061.39	0.48	0.47	-0.10
13,968.00	90.46	269.07	7,809.81	930.30	-6,084.79	6,151.63	0.54	0.38	-0.38
14,062.00	89.80	270.21	7,809.59	929.71	-6,178.79	6,244.92	1.40	-0.70	1.21
14,156.00	90.11	270.39	7,809.67	930.21	-6,272.78	6,338.34	0.38	0.33	0.19
14,251.00	89.80	270.12	7,809.74	930.63	-6,367.78	6,432.75	0.43	-0.33	-0.28
14,345.00	90.42	270.39	7,809.56	931.05	-6,461.78	6,526.16	0.72	0.66	0.29
14,440.00	90.07	270.39	7,809.16	931.69	-6,556.78	6,620.59	0.37	-0.37	0.00
14,534.00	90.15	270.56	7,808.98	932.47	-6,650.77	6,714.05	0.20	0.09	0.18
14,629.00	90.11	270.56	7,808.76	933.40	-6,745.77	6,808.51	0.04	-0.04	0.00
14,723.00	90.11	270.65	7,808.58	934.39	-6,839.76	6,901.98	0.10	0.00	0.10
14,818.00	90.37	270.65	7,808.18	935.47	-6,934.76	6,996.46	0.27	0.27	0.00
14,912.00	89.89	270.30	7,807.97	936.25	-7,028.75	7,089.91	0.63	-0.51	-0.37
15,006.00	90.15	270.56	7,807.94	936.96	-7,122.75	7,183.35	0.39	0.28	0.28
15,100.00	90.24	270.74	7,807.62	938.02	-7,216.74	7,276.84	0.21	0.10	0.19
15,195.00	90.15	270.65	7,807.29	939.17	-7,311.74	7,371.32	0.13	-0.09	-0.09
15,289.00	90.15	270.74	7,807.05	940.31	-7,405.73	7,464.81	0.10	0.00	0.10
15,384.00	90.68	270.21	7,806.36	941.10	-7,500.72	7,559.26	0.79	0.56	-0.56
15,478.00	91.03	270.74	7,804.96	941.88	-7,594.71	7,652.70	0.68	0.37	0.56
15,573.00	90.73	270.47	7,803.50	942.88	-7,689.69	7,747.16	0.42	-0.32	-0.28
15,667.00	90.99	270.83	7,802.09	943.95	-7,783.67	7,840.63	0.47	0.28	0.38
15,761.00	91.16	270.91	7,800.32	945.38	-7,877.65	7,934.13	0.20	0.18	0.09
15,856.00	90.29	270.83	7,799.12	946.82	-7,972.63	8,028.64	0.92	-0.92	-0.08
15,927.00	90.20	270.21	7,798.82	947.46	-8,043.62	8,099.23	0.88	-0.13	-0.87
Last Survey									
15,954.00	90.20	270.21	7,798.72	947.56	-8,070.62	8,126.06	0.00	0.00	0.00
PTB @ 15954'									



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Loco Hills 2-3 B2CD Fed Com 1H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Site:	Loco Hills Pad	MD Reference:	KB=27 @ 3664.00usft (Patterson 558)
Well:	Loco Hills 2-3 B2CD 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)	
604.00	603.80	7.47	-10.62	First AEP Survey
15,927.00	7,798.82	947.46	-8,043.62	Last Survey
15,954.00	7,798.72	947.56	-8,070.62	PTB @ 15954'

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-015-46020		
Operator Name: Mewbourne Oil Co.	Property Name: Loco Hills 2/3 B2CD Fed Com	Well Number 1H

Kick Off Point (KOP)

UL B	Section 2	Township 18S	Range 30E	Lot	Feet 405	From N/S N	Feet 2153	From E/W E	County Eddy
Latitude 32.7825946					Longitude -103.9410329			NAD 83	

First Take Point (FTP)

UL C	Section 2	Township 18S	Range 30E	Lot	Feet 385	From N/S N	Feet 2528	From E/W W	County Eddy
Latitude 32.7826518					Longitude -103.9429710			NAD 83	

Last Take Point (LTP)

UL D	Section 3	Township 18S	Range 30E	Lot	Feet 394	From N/S N	Feet 106	From E/W W	County Eddy
Latitude 32.7826556					Longitude -103.9680269			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



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

Well Completion Print Report

10/20/2021

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/3 B2FE FED COM	Well Number 1H	US Well Number 3001546020
	County EDDY	State NM	Lease Number(s) NMNM01159, NMNM01159
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LOCO HILLS 2 FED COM	Well Pad Number 2	ID 10400030420

Section 1 - General

Well Completion Report Id: 81277

Submission Date: N/A until DB Work

BLM Office: Carlsbad Field Office

User: Bradley Bishop

Title: Regulatory

Federal/Indian: FEDERAL

Lease Number: NMNM01159

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: Santo Nino

Well Type: OIL WELL

Spud Date: 04-02-2021

Date Total Measured Depth Reached: 04-20-2021

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

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/3 B2FE FED COM	Well Number 1H	US Well Number 3001546020
	County EDDY	State NM	Lease Number(s) NMNM01159, NMNM01159
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LOCO HILLS 2 FED COM	Well Pad Number 2	ID 10400030420

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
00	X1	1	NMNM01159	NMNM01159	NEW		DRG	06-20-2021	06-28-2021	BONE SPRING	8235	15892	Y	.39	1404	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Toile Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	377907		15,872,094 gals Slickwater, carrying 19,182,446 # 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 2/3 B2FE FED COM	Well Number 1H	US Well Number 3001546020
	County EDDY	State NM	Lease Number(s) NMNM01159, NMNM01159
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LOCO HILLS 2 FED COM	Well Pad Number 2	ID 10400030420

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	07/19/2021	24	843	468	2470	555	36/64	330		90

Well Location

Survey Type: RECTANGULAR

Survey Number: 1

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

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/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.779972	-103.9418366	3610	STATE	STATE			1360	FNL	2400	FEL	18S	30E	2	SWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.7825946	-103.9410329	-3627	STATE	STATE			405	FNL	2153	FEL	18S	30E	2	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.7826518	-103.942971	-4195	STATE	STATE			385	FNL	2528	FWL	18S	30E	2	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.7826304	-103.9511971	-4212	FEDERAL	NMNM01159			396	FNL	0	FEL	18S	30E	3	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.7826556	-103.9680269	-4189	FEDERAL	NMNM01159			394	FNL	106	FWL	18S	30E	3	NWNW

Operator Name MEWBORNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/3 B2FE FED COM	Well Number 1H	US Well Number 3001546020
	County EDDY	State NM	Lease Number(s) NMNM01159, NMNM01159
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LOCO HILLS 2 FED COM	Well Pad Number 2	ID 10400030420

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	Alliquot/Lot/Tract
BHL Well bore 00	NEW MEXIC O	NEW MEXICO PRINCIPA L	EDDY	32.78265 61	- 103.9680 854	-4189	FEDER AL	NMNM 01159			394	FNL	88	FWL	18S	30E	3	NWNW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	540	13.375	54.5	J-55		ST&C		
00	INTERME DIATE	12.25	0	1820	9.625	36	J-55		LT&C		
00	PRODUCT ION	8.75	0	8215	7.0	29	HCP-110		LT&C		
00	LINER	6.125	7264	15954	4.5	13.5	OTHER	ICP110	OTHER	BPN	

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/3 B2FE FED COM	Well Number 1H	US Well Number 3001546020
	County EDDY	State NM	Lease Number(s) NMNM01159, NMNM01159
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LOCO HILLS 2 FED COM	Well Pad Number 2	ID 10400030420

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 (bbls)
00	SURFACE		Class C	175	2.31	0	Class C	200	1.34		119.7
00	INTERMEDIATE		Class C	350	2.17	0	Class C	200	1.32		182.3
00	PRODUCTION		Class H	350	2.81	0	Class H	400	1.18		259.2
00	LINER		Class H	650	1.74	7264				925	201.4

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		6795		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 2/3 B2FE FED COM	Well Number 1H	US Well Number 3001546020
	County EDDY	State NM	Lease Number(s) NMNM01159, NMNM01159
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LOCO HILLS 2 FED COM	Well Pad Number 2	ID 10400030420

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: 10/20/2021

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_3_B2CD_Fed_Com_1H_20210922122539.pdf

2.5in_TVD_Loco_Hills_2_3_B2CD_Fed_Com_1H_20210922122552.pdf

5in_MD_Loco_Hills_2_3_B2CD_Fed_Com_1H_20210922122605.pdf

5in_TVD_Loco_Hills_2_3_B2CD_Fed_Com_1H_20210922122615.pdf

Loco_Hills_2_3_B2CD_Fed_Com_1H_Final_PVA_20210922123037.pdf

Operator Name MEWBOURNE OIL COMPANY SHL SWNE Sec 2 18S 30E	Well Name LOCO HILLS 2/3 B2FE FED COM	Well Number 1H	US Well Number 3001546020
	County EDDY	State NM	Lease Number(s) NMNM01159, NMNM01159
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name LOCO HILLS 2 FED COM	Well Pad Number 2	ID 10400030420

20211020144817_20211020144811.pdf

Mewbourne Oil Company**Well Name: Loco Hills 2/3 B2CD Fed Com #1H**

Updated by: Andy Taylor

Spud Date: 4/02/2021**Date Updated: 10/4/2021****Surface**

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

Set @ 540'

Cmt w/ 375 sx

Circ. 120 sx to pit

Intermediate

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

Set @ 1820'

Cmt w/ 550 sx

Circ. 83 sx to pit

TBG Detail:

1	Sensor	2.15'
1	456 Series Motor 156 HP	23.40'
1	456 Series Motor 204 HP	29.98'
2	400 Series Seal	16.32'
2	400 Series Gas Sep	4.90'
1	400 Series Pump (66 Stg)	17.60'
1	400 Series Pump (66 Stg)	17.60'
1	400 Series Pump (66 Stg)	17.60'
1	400 Series Pump (66 Stg)	17.60'
1	400 Series Pump (66 Stg)	17.60'
1	400 Series Discharge Head	0.53'
1	2 3/4" SN w/ Collar	1.10'
205	2 3/4" 6.5# L80 tbg	6600.06'
Total tbg		6767.29'
KB Correction		28.00'
Tbg set @		6795.29'

Production

8 3/4" x 7" 29# HCP110

Set @ 8215'

Cmt w/ 750 sx

Circ. 10 sx to pit

Liner

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

Set @ 7264'-15,954'

Cmt w/ 650 sx

TOC @ 7264'

KOP @ 7342'

Dev @ KOP: 3.12°

TVD @ 7832'

TD 6 1/8" hole @ 15,954'

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 66046

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 66046
	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
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 66046

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 66046
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	12/14/2021