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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 New Well / 02/17/21
⁴ API Number 30 - 015 - 46974	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 328095	⁸ Property Name Big Sinks 1 WIAP Fed Com	⁹ Well Number 3H

II. 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
B	1	26S	31E		205	North	1600'	East	Eddy

¹¹ Bottom Hole Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	1	26S	31E		317	South	986	East	Eddy
¹² Lse Code F	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 02/17/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

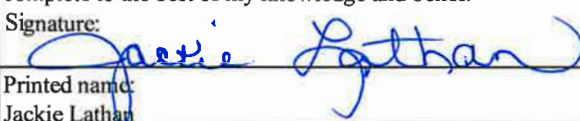
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
195739	Plains Pipeline, LP 5500 Ming Ave Bakersfield, CA 93309	O
285689	Delaware Basin Midstream, LLC PO Box 1330 Houston, TX 77251-1330	G

IV. Well Completion Data

²¹ Spud Date 07/09/20	²² Ready Date 02/17/21	²³ TD 16565' MD	²⁴ PBSD 16524' MD	²⁵ Perforations 11900' - 16509'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾" 54.5# J-55	1234'	1044		
12 ¼"	9 ¾" 40# HCL80	4260'	930		
8 ¾"	7 ¾" 39# HCP110	11180'	650		
6 ⅝"	4 ½" 13.5# HCP110 2 ⅞" 6.5# L80	10952'- 16565' 10899'	470		

V. Well Test Data

³¹ Date New Oil 02/17/21	³² Gas Delivery Date 02/17/21	³³ Test Date 02/23/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1305	³⁶ Csg. Pressure 20
³⁷ Choke Size 54/64"	³⁸ Oil 1091	³⁹ Water 4310	⁴⁰ Gas 4451		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: KURT SIMMONS
Printed name: Jackie Lathan	Title: NMOCD, SANTA FE
Title: Regulatory	Approval Date: 06/16/2021
E-mail Address: jlathan@mewbourne.com	
Date: 03/23/2021	Phone: 575-393-5905

Received by OCD: 4/7/2021 8:12:51 AM

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 30-015-46974	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 328095	⁵ Property Name BIG SINKS 1 W1AP FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 3H
		⁹ Elevation 3274'

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
B	1	26S	31E		205	NORTH	1600	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
P	1	26S	31E		317	SOUTH	986	EAST	EDDY

¹² Dedicated Acres 320	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.

GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 392991.9 - E: 728753.1 LAT: 32.0789695° N LONG: 103.7282294° W GEODETIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE N: 388195.5 - E: 729380.0 LAT: 32.0657754° N LONG: 103.7262927° W CORNER DATA NAD 83 GRID - NM EAST A: CALCULATED CORNER N: 387833.0 - E: 725047.4 B: FOUND BRASS CAP "1940" N: 390498.5 - E: 725037.4 C: FOUND BRASS CAP "1916" N: 393164.8 - E: 725028.3 D: FOUND BRASS CAP "1916" N: 393188.5 - E: 727688.6 E: FOUND BRASS CAP "1939" N: 393209.3 - E: 730350.7 F: FOUND BRASS CAP "1939" N: 390542.7 - E: 730375.8 G: FOUND BRASS CAP "1939" N: 387873.1 - E: 730380.3	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>03/25/2021</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. 4-11-19 Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number
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Job No.: LS19030380

Mewbourne Oil Company

Project: Eddy County, NM (NMEZ) NAD83 Grid
 Site: Big Sinks
 Well: Big Sinks 1 W1AP FED COM 3H
 Wellbore: Lateral
 Design: Lateral AsDrilled

3274+28 @ 3302.00usft (Rig560)
 NAD 1927 (NADCON CONUS)

To convert a Magnetic Direction to a Grid Direction, Add 6.26°
 To convert a Magnetic Direction to a True Direction, Add 6.65° East
 Magnetic North is 6.26° East of Grid North (Magnetic Convergence)
 Magnetic North is 6.65° East of True North (Magnetic Declination)



Azimuths to Grid North
 True North: -0.39°
 Magnetic North: 6.26°
 Magnetic Field
 Strength: 47502.6nT
 Dip Angle: 59.79°
 Date: 07/12/2020
 Model: IGRF2020

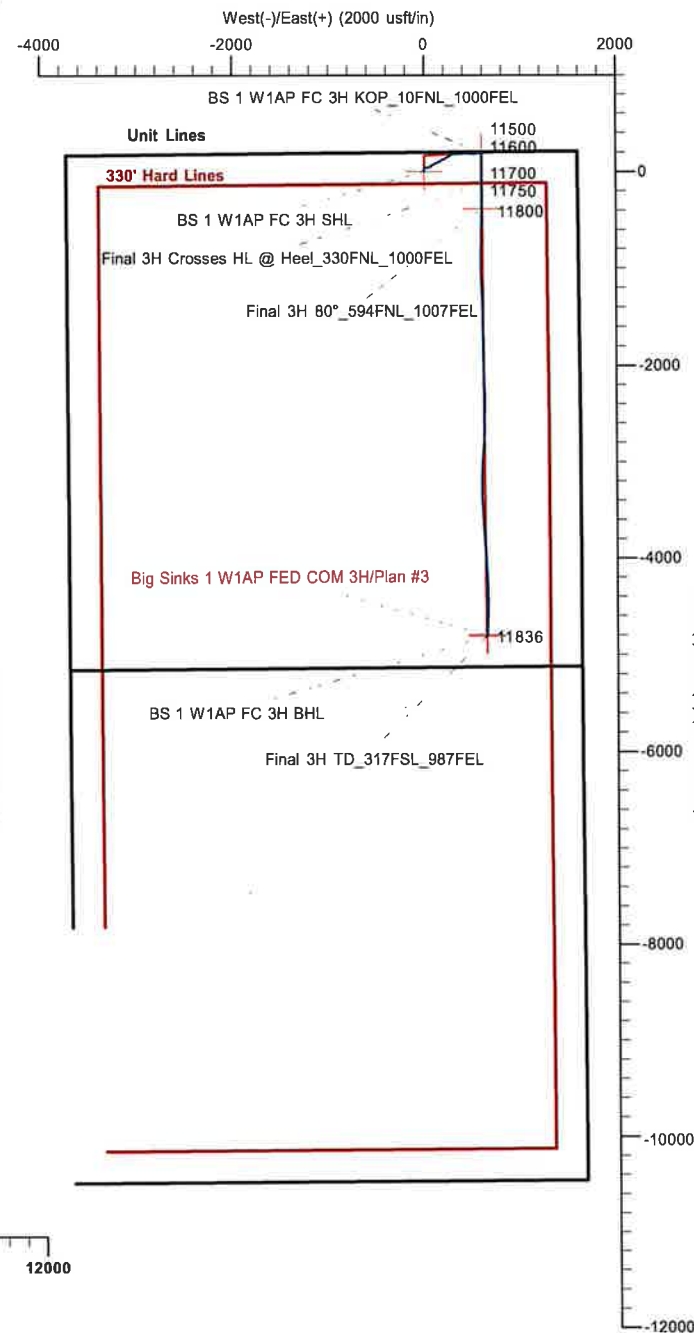
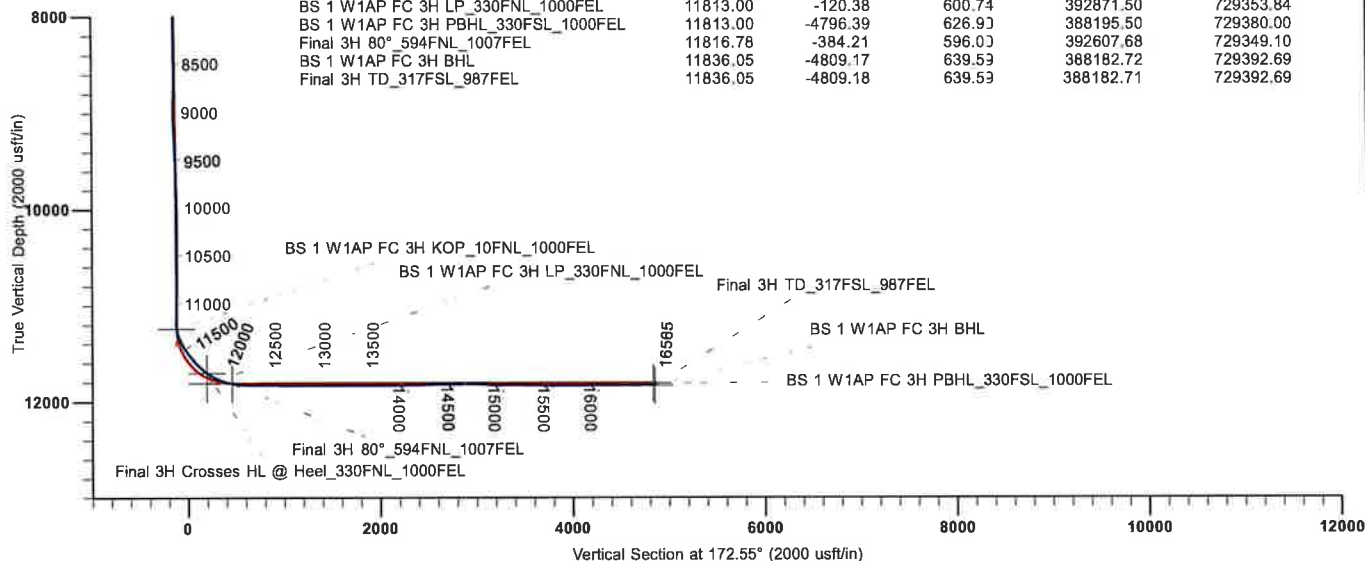
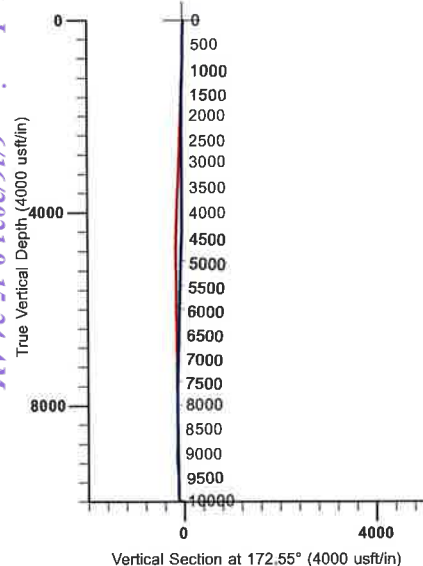


ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
11847.00	55.07	180.93	11706.81	-120.65	598.65	Wellpath Crosses 330°FNL
12135.00	80.00	181.45	11816.78	-384.21	596.00	Wellpath is @ 80°
16565.00	87.20	180.40	11836.05	-4809.17	639.59	TD

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
BS 1 W1AP FC 3H SHL	0.00	0.01	0.00	392991.90	728753.10
BS 1 W1AP FC 3H KOP_10FNL_1000FEL	11240.04	199.60	597.72	393191.49	729350.82
Final 3H Crosses HL @ Heel_330FNL_1000FEL	11706.81	-120.65	598.65	392871.24	729351.75
BS 1 W1AP FC 3H LP_330FNL_1000FEL	11813.00	-120.38	600.74	392871.50	729353.84
BS 1 W1AP FC 3H PBHL_330FSL_1000FEL	11813.00	-4796.39	626.93	388195.50	729380.00
Final 3H 80°_594FNL_1007FEL	11816.78	-384.21	596.00	392607.68	729349.10
BS 1 W1AP FC 3H BHL	11836.05	-4809.17	639.53	388182.72	729392.69
Final 3H TD_317FSL_987FEL	11836.05	-4809.18	639.53	388182.71	729392.69



Survey Report Landscape

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
Project:	Eddy County, NM (NMEZ) NAD83 Grid	TVD Reference:	3274+28 @ 3302.00usft (Rig560)
Site:	Big Sinks	MD Reference:	3274+28 @ 3302.00usft (Rig560)
Well:	Big Sinks 1 W1AP FED COM 3H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral AsDrilled	Database:	STRYKER_EDM

Project	Eddy County, NM (NMEZ) NAD83 Grid		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Big Sinks		
Site Position:		Northing:	392,991.39 usft
From:	Map	Easting:	728,693.10 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in
		Latitude:	32.0782976
		Longitude:	-103.5949819
		Grid Convergence:	0.39 °

Well	Big Sinks 1 W1AP FED COM 3H - Slot BS 1 W1AP FC 3H SHL					
Well Position	+N/-S	0.00 usft	Northing:	392,991.89 usft	Latitude:	32.0782978
	+E/-W	0.00 usft	Easting:	728,753.10 usft	Longitude:	-103.5947881
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,274.00 usft

Wellbore	Lateral				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	07/12/20	6.65	59.79	47,502.57298635

Design		Lateral AsDrilled		
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	172.55

Survey Report Landscape

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
Project:	Eddy County, NM (NMEZ) NAD83 Grid	TVD Reference:	3274+28 @ 3302.00usft (Rig560)
Site:	Big Sinks	MD Reference:	3274+28 @ 3302.00usft (Rig560)
Well:	Big Sinks 1 W1AP FED COM 3H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral AsDrilled	Database:	STRYKER_EDM

Survey Program		Date	08/04/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
103.00	16,508.00	Survey #1 (Lateral)	MWD	MWD v3:standard declination	
16,565.00	16,565.00	Survey #2 (Lateral)	Projection	Projection	

MD (usft)	Inc (")	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (±100ft)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	392,991.89	728,753.10
BS 1 W1AP FC 3H SHL										
103.00	0.30	98.00	103.00	-0.04	0.27	0.27	98.00	0.29	392,991.85	728,753.37
225.00	0.70	334.00	225.00	0.59	0.26	0.64	23.58	0.74	392,992.47	728,753.36
336.00	0.10	117.00	335.99	1.15	0.05	1.15	2.27	0.70	392,993.04	728,753.15
458.00	0.30	284.00	457.99	1.18	-0.17	1.19	351.85	0.33	392,993.07	728,752.93
586.00	1.40	327.00	585.98	2.57	-1.35	2.91	332.40	0.94	392,994.46	728,751.75
704.00	2.90	19.00	703.90	6.61	-1.16	6.71	350.05	1.96	392,998.49	728,751.94
822.00	2.50	46.00	821.77	11.22	1.66	11.34	8.44	1.12	393,003.10	728,754.76
917.00	1.80	25.00	916.71	14.01	3.78	14.51	15.12	1.10	393,005.89	728,756.88
1,014.00	1.90	5.00	1,013.66	16.99	4.57	17.59	15.05	0.67	393,008.88	728,757.67
1,107.00	2.30	347.00	1,106.60	20.35	4.28	20.79	11.89	0.82	393,012.23	728,757.38
1,200.00	2.40	0.00	1,199.52	24.11	3.86	24.42	9.10	0.58	393,016.00	728,756.96
1,325.00	2.50	5.50	1,324.41	29.44	4.12	29.73	7.98	0.20	393,021.33	728,757.22
1,499.00	1.50	12.50	1,498.30	35.44	4.98	35.79	8.00	0.59	393,027.33	728,758.08
1,684.00	0.40	16.50	1,683.27	38.43	5.69	38.84	8.42	0.60	393,030.31	728,758.79
1,871.00	0.40	27.20	1,870.27	39.63	6.17	40.11	8.85	0.04	393,031.52	728,759.27
2,060.00	0.20	219.60	2,059.26	39.97	6.26	40.45	8.91	0.32	393,031.85	728,759.36
2,248.00	1.90	82.10	2,247.23	40.14	9.14	41.17	12.83	1.09	393,032.03	728,762.24
2,437.00	1.10	67.60	2,436.17	41.26	13.92	43.55	18.65	0.47	393,033.15	728,767.02
2,626.00	0.40	69.00	2,625.15	42.19	16.22	45.20	21.02	0.37	393,034.08	728,769.32

Survey Report Landscape

Company: Mewbourne Oil Company
 Project: Eddy County, NM (NMEZ) NAD83 Grid
 Site: Big Sinks
 Well: Big Sinks 1 W1AP FED COM 3H
 Wellbore: Lateral
 Design: Lateral AsDrilled

Local Co-ordinate Reference: Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
 TVD Reference: 3274+28 @ 3302.00usft (Rig560)
 MD Reference: 3274+28 @ 3302.00usft (Rig560)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
2,815.00	0.40	78.80	2,814.14	42.55	17.48	46.00	22.33	0.04	393,034.44	728,770.58	
3,004.00	0.40	103.80	3,003.14	42.53	18.77	46.48	23.81	0.09	393,034.41	728,771.87	
3,193.00	0.40	110.80	3,192.14	42.13	20.02	46.65	25.42	0.03	393,034.02	728,773.12	
3,382.00	1.00	79.40	3,381.12	42.20	22.26	47.71	27.81	0.37	393,034.09	728,775.36	
3,571.00	0.70	92.40	3,570.10	42.46	25.04	49.29	30.53	0.19	393,034.34	728,778.14	
3,760.00	2.20	84.30	3,759.03	42.77	29.80	52.13	34.87	0.80	393,034.66	728,782.90	
3,950.00	2.50	103.00	3,948.88	42.20	37.47	56.43	41.60	0.43	393,034.09	728,790.57	
4,138.00	2.70	77.00	4,136.69	42.27	45.78	62.31	47.28	0.63	393,034.16	728,798.88	
4,214.00	2.50	73.30	4,212.61	43.15	49.11	65.37	48.69	0.34	393,035.04	728,802.21	
4,328.00	2.00	66.00	4,326.52	44.68	53.31	69.55	50.03	0.50	393,036.56	728,806.41	
4,517.00	4.40	56.90	4,515.22	49.98	62.40	79.94	51.31	1.29	393,041.86	728,815.50	
4,706.00	6.20	56.70	4,703.40	59.54	77.00	97.34	52.29	0.95	393,051.43	728,830.10	
4,895.00	5.80	58.40	4,891.36	70.15	93.66	117.02	53.17	0.23	393,062.03	728,846.76	
5,084.00	5.70	59.60	5,079.41	79.90	109.89	135.87	53.98	0.08	393,071.79	728,862.99	
5,273.00	4.90	60.80	5,267.60	88.59	125.04	153.24	54.68	0.43	393,080.47	728,878.14	
5,461.00	4.30	60.70	5,455.00	95.96	138.19	168.24	55.22	0.32	393,087.84	728,891.29	
5,650.00	4.90	65.40	5,643.39	102.78	151.71	183.25	55.88	0.37	393,094.67	728,904.81	
5,838.00	5.10	64.90	5,830.67	109.67	166.58	199.44	56.64	0.11	393,101.56	728,919.68	
6,027.00	4.30	66.60	6,019.04	116.05	180.69	214.74	57.29	0.43	393,107.93	728,933.79	
6,216.00	4.90	58.70	6,207.43	123.06	194.09	229.81	57.62	0.46	393,114.94	728,947.19	
6,405.00	4.90	61.00	6,395.74	131.16	208.04	245.94	57.77	0.10	393,123.05	728,961.14	
6,594.00	4.20	61.60	6,584.14	138.37	221.19	260.91	57.97	0.37	393,130.25	728,974.29	
6,783.00	5.10	57.50	6,772.52	146.17	234.36	276.21	58.05	0.51	393,138.06	728,987.47	
6,972.00	4.20	56.30	6,960.89	154.53	247.21	291.53	57.99	0.48	393,146.41	729,000.31	
7,161.00	5.00	57.90	7,149.28	162.74	259.94	306.69	57.95	0.43	393,154.63	729,013.04	
7,350.00	5.10	62.50	7,337.55	171.00	274.37	323.30	58.07	0.22	393,162.89	729,027.47	
7,539.00	4.40	68.30	7,525.90	177.56	288.56	338.81	58.39	0.45	393,169.45	729,041.66	

Survey Report Landscape

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
Project:	Eddy County, NM (NMEZ) NAD83 Grid	TVD Reference:	3274+28 @ 3302.00usft (Rig560)
Site:	Big Sinks	MD Reference:	3274+28 @ 3302.00usft (Rig560)
Well:	Big Sinks 1 W1AP FED COM 3H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
7,728.00	5.80	75.60	7,714.15	182.62	304.55	355.10	59.05	0.81	393,174.50	729,057.65	
7,918.00	4.80	81.50	7,903.34	186.18	321.71	371.70	59.94	0.60	393,178.06	729,074.81	
8,107.00	5.20	82.10	8,091.62	188.52	338.01	387.03	60.85	0.21	393,180.41	729,091.11	
8,296.00	5.10	89.00	8,279.86	189.85	354.90	402.48	61.86	0.33	393,181.73	729,108.00	
8,485.00	5.10	90.00	8,468.11	189.99	371.69	417.44	62.93	0.05	393,181.88	729,124.79	
8,674.00	5.20	79.30	8,656.35	191.58	388.51	433.18	63.75	0.51	393,183.47	729,141.61	
8,863.00	4.40	65.00	8,844.69	196.24	403.50	448.69	64.06	0.76	393,188.12	729,156.60	
9,052.00	5.00	73.70	9,033.06	201.62	417.98	464.06	64.25	0.49	393,193.50	729,171.08	
9,240.00	8.70	108.00	9,219.76	199.52	439.38	482.56	65.58	2.85	393,191.40	729,192.48	
9,429.00	6.90	107.10	9,407.00	191.76	463.82	501.90	67.54	0.95	393,183.65	729,216.92	
9,618.00	5.50	91.80	9,594.90	188.14	483.73	519.03	68.75	1.14	393,180.03	729,236.83	
9,807.00	4.80	95.10	9,783.14	187.15	500.66	534.50	69.50	0.40	393,179.04	729,253.76	
9,996.00	4.40	86.80	9,971.53	186.85	515.78	548.58	70.09	0.41	393,178.74	729,268.88	
10,185.00	5.50	81.90	10,159.82	188.54	531.98	564.40	70.49	0.62	393,180.42	729,285.08	
10,374.00	4.90	85.50	10,348.05	190.44	549.00	581.09	70.87	0.36	393,182.33	729,302.10	
10,563.00	3.20	73.20	10,536.57	192.60	562.09	594.18	71.09	1.01	393,184.49	729,315.19	
10,752.00	4.40	83.70	10,725.15	194.92	574.35	606.53	71.25	0.73	393,186.81	729,327.45	
10,941.00	3.10	75.50	10,913.75	197.00	586.51	618.71	71.43	0.74	393,188.88	729,339.61	
11,129.00	2.30	76.90	11,101.54	199.13	595.10	627.53	71.50	0.43	393,191.01	729,348.20	
11,176.00	2.20	79.90	11,148.50	199.50	596.91	629.36	71.52	0.33	393,191.38	729,350.01	
11,212.00	2.10	73.60	11,184.47	199.81	598.22	630.71	71.53	0.71	393,191.69	729,351.32	
11,259.00	2.60	132.40	11,231.44	199.33	599.83	632.09	71.62	4.99	393,191.22	729,352.93	
11,267.45	3.92	151.48	11,239.88	198.95	600.11	632.23	71.66	20.06	393,190.83	729,353.21	
BS 1 W1AP FC 3H KOP_10FNL_1000FEL											
11,306.00	11.30	171.60	11,278.07	194.04	601.30	631.83	72.11	20.06	393,185.93	729,354.40	
11,353.00	21.70	177.90	11,323.07	180.77	602.29	628.83	73.29	22.42	393,172.65	729,355.39	
11,400.00	26.40	180.60	11,365.98	161.63	602.50	623.80	74.98	10.27	393,153.51	729,355.60	

Survey Report Landscape

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
Project:	Eddy County, NM (NMEZ) NAD83 Grid	TVD Reference:	3274+28 @ 3302.00usft (Rig560)
Site:	Big Sinks	MD Reference:	3274+28 @ 3302.00usft (Rig560)
Well:	Big Sinks 1 W1AP FED COM 3H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
11,447.00	28.90	183.40	11,407.61	139.84	601.72	617.75	76.92	5.99	393,131.72	729,354.82	
11,495.00	30.80	183.70	11,449.24	115.99	600.24	611.34	79.06	3.97	393,107.88	729,353.34	
11,542.00	34.10	181.50	11,488.90	90.80	599.11	605.96	81.38	7.46	393,082.69	729,352.21	
11,590.00	38.50	180.00	11,527.58	62.40	598.76	602.00	84.05	9.35	393,054.28	729,351.86	
11,637.00	40.70	180.80	11,563.79	32.44	598.55	599.43	86.90	4.80	393,024.33	729,351.65	
11,685.00	43.70	180.90	11,599.34	0.21	598.07	598.07	89.98	6.25	392,992.09	729,351.17	
11,732.00	45.90	179.30	11,632.69	-32.91	598.02	598.92	93.15	5.26	392,958.98	729,351.12	
11,780.00	48.30	178.80	11,665.36	-68.06	598.61	602.46	96.49	5.06	392,923.83	729,351.71	
11,827.00	53.20	180.40	11,695.09	-104.44	598.84	607.88	99.89	10.75	392,887.44	729,351.94	
11,847.00	55.07	180.93	11,706.81	-120.65	598.65	610.69	101.39	9.59	392,871.24	729,351.75	
Wellpath Crosses 330°FNL - Final 3H Crosses HL @ Heel_330FNL_1000FEL											
11,874.00	57.60	181.60	11,721.78	-143.11	598.16	615.04	103.46	9.59	392,848.77	729,351.26	
11,901.45	59.24	181.48	11,736.15	-166.49	597.53	620.29	105.57	5.97	392,825.39	729,350.63	
BS 1 W1AP FC 3H LP_330FNL_1000FEL											
11,921.00	60.40	181.40	11,745.98	-183.38	597.10	624.63	107.07	5.97	392,808.50	729,350.20	
11,968.00	64.80	180.20	11,767.60	-225.09	596.53	637.59	110.67	9.63	392,766.79	729,349.63	
12,015.00	70.10	178.80	11,785.62	-268.48	596.92	654.52	114.22	11.61	392,723.40	729,350.02	
12,063.00	74.10	180.20	11,800.37	-314.15	597.31	674.88	117.74	8.78	392,677.74	729,350.41	
12,110.00	77.50	181.50	11,811.90	-359.70	596.63	696.67	121.08	7.71	392,632.19	729,349.73	
12,123.48	78.85	181.47	11,814.67	-372.89	596.29	703.28	122.02	10.00	392,618.99	729,349.39	
BS 1 W1AP FC 3H LP											
12,135.00	80.00	181.45	11,816.78	-384.21	596.00	709.11	122.81	10.00	392,607.68	729,349.10	
Wellpath is @ 80° - Final 3H 80°_594FNL_1007FEL											
12,157.00	82.20	181.40	11,820.18	-405.93	595.46	720.66	124.28	10.00	392,585.95	729,348.56	
12,204.00	84.50	181.30	11,825.62	-452.60	594.36	747.07	127.29	4.90	392,539.28	729,347.46	
12,251.00	86.70	181.20	11,829.23	-499.45	593.34	775.56	130.09	4.69	392,492.44	729,346.44	
12,346.00	89.70	180.80	11,832.21	-594.38	591.68	838.67	135.13	3.19	392,397.51	729,344.78	

Survey Report Landscape

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
Project:	Eddy County, NM (NMEZ) NAD83 Grid	TVD Reference:	3274+28 @ 3302.00usft (Rig560)
Site:	Big Sinks	MD Reference:	3274+28 @ 3302.00usft (Rig560)
Well:	Big Sinks 1 W1AP FED COM 3H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral AsDrilled	Database:	STRYKER_EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
12,440.00	89.80	180.70	11,832.62	-688.37	590.45	906.91	139.38	0.15	392,303.52	729,343.55
12,534.00	90.10	181.00	11,832.71	-782.36	589.06	979.32	143.02	0.45	392,209.53	729,342.16
12,629.00	89.00	180.00	11,833.45	-877.35	588.23	1,056.29	146.16	1.56	392,114.54	729,341.33
12,724.00	87.80	180.00	11,836.11	-972.31	588.23	1,136.40	148.83	1.26	392,019.58	729,341.33
12,818.00	90.30	177.30	11,837.66	-1,066.25	590.44	1,218.82	151.02	3.91	391,925.63	729,343.54
12,913.00	90.20	177.60	11,837.25	-1,161.16	594.67	1,304.58	152.88	0.33	391,830.73	729,347.77
13,007.00	89.60	176.70	11,837.41	-1,255.04	599.34	1,390.81	154.47	1.15	391,736.84	729,352.44
13,102.00	91.50	178.80	11,836.50	-1,349.95	603.07	1,478.54	155.93	2.98	391,641.93	729,356.17
13,196.00	91.60	178.90	11,833.96	-1,443.90	604.96	1,565.51	157.27	0.15	391,547.98	729,358.06
13,291.00	91.00	178.90	11,831.80	-1,538.86	606.78	1,654.17	158.48	0.63	391,453.03	729,359.88
13,385.00	89.10	179.80	11,831.72	-1,632.85	607.85	1,742.32	159.58	2.24	391,359.04	729,360.95
13,480.00	88.80	179.90	11,833.46	-1,727.83	608.10	1,831.71	160.61	0.33	391,264.05	729,361.20
13,574.00	89.70	179.80	11,834.69	-1,821.82	608.34	1,920.71	161.53	0.96	391,170.06	729,361.44
13,668.00	88.90	179.00	11,835.84	-1,915.81	609.33	2,010.37	162.36	1.20	391,076.08	729,362.43
13,763.00	91.20	178.80	11,835.76	-2,010.78	611.15	2,101.61	163.09	2.43	390,981.10	729,364.25
13,858.00	91.40	178.50	11,833.60	-2,105.73	613.39	2,193.25	163.76	0.38	390,886.15	729,366.49
13,956.00	89.30	177.30	11,833.00	-2,203.66	616.98	2,288.40	164.36	2.47	390,788.23	729,370.08
14,050.00	91.60	180.10	11,832.27	-2,297.61	619.11	2,379.57	164.92	3.85	390,694.27	729,372.21
14,144.00	91.60	179.50	11,829.64	-2,391.58	619.44	2,470.50	165.48	0.64	390,600.31	729,372.54
14,239.00	90.40	180.30	11,827.98	-2,486.56	619.61	2,562.59	166.01	1.52	390,505.33	729,372.71
14,333.00	90.90	179.50	11,826.92	-2,580.55	619.77	2,653.93	166.50	1.00	390,411.33	729,372.87
14,427.00	91.40	181.60	11,825.03	-2,674.52	618.87	2,745.19	166.97	2.30	390,317.36	729,371.97
14,522.00	91.30	182.40	11,822.79	-2,769.44	615.55	2,837.02	167.47	0.85	390,222.45	729,368.65
14,616.00	92.70	185.10	11,819.51	-2,863.17	609.41	2,927.31	167.98	3.23	390,128.72	729,362.51
14,711.00	86.70	184.90	11,820.01	-2,957.76	601.13	3,018.23	168.51	6.32	390,034.12	729,354.23
14,805.00	85.50	183.00	11,826.40	-3,051.32	594.67	3,108.72	168.97	2.39	389,940.57	729,347.77
14,900.00	87.90	180.70	11,831.87	-3,146.10	591.61	3,201.24	169.35	3.50	389,845.79	729,344.71

Survey Report Landscape

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
Project:	Eddy County, NM (NMEZ) NAD83 Grid	TVD Reference:	3274+28 @ 3302.00usft (Rig560)
Site:	Big Sinks	MD Reference:	3274+28 @ 3302.00usft (Rig560)
Well:	Big Sinks 1 W1AP FED COM 3H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
14,994.00	90.40	178.70	11,833.27	-3,240.07	592.11	3,293.73	169.64	3.41	389,751.81	729,345.21	
15,089.00	91.90	179.90	11,831.36	-3,335.04	593.27	3,387.40	169.91	2.02	389,656.84	729,346.37	
15,184.00	87.70	178.30	11,831.69	-3,430.01	594.76	3,481.19	170.16	4.73	389,561.88	729,347.86	
15,278.00	89.40	177.20	11,834.07	-3,523.90	598.45	3,574.35	170.36	2.15	389,467.99	729,351.55	
15,372.00	88.90	175.80	11,835.46	-3,617.71	604.19	3,667.81	170.52	1.58	389,374.18	729,357.29	
15,467.00	90.40	176.50	11,836.04	-3,712.49	610.56	3,762.36	170.66	1.74	389,279.40	729,363.66	
15,561.00	89.50	177.20	11,836.13	-3,806.35	615.73	3,855.83	170.81	1.21	389,185.54	729,368.83	
15,655.00	89.10	176.40	11,837.27	-3,900.19	620.98	3,949.32	170.95	0.95	389,091.69	729,374.08	
15,750.00	90.90	176.40	11,837.27	-3,995.00	626.94	4,043.89	171.08	1.89	388,996.88	729,380.04	
15,844.00	91.60	177.10	11,835.22	-4,088.83	632.27	4,137.42	171.21	1.05	388,903.06	729,385.37	
15,939.00	91.30	175.30	11,832.82	-4,183.58	638.56	4,232.04	171.32	1.92	388,808.30	729,391.66	
16,034.00	90.50	179.20	11,831.33	-4,278.44	643.12	4,326.51	171.45	4.19	388,713.44	729,396.22	
16,128.00	90.10	177.90	11,830.83	-4,372.41	645.50	4,419.80	171.60	1.45	388,619.48	729,398.60	
16,223.00	89.60	181.00	11,831.08	-4,467.39	646.41	4,513.92	171.77	3.31	388,524.49	729,399.51	
16,245.00	89.50	180.70	11,831.26	-4,489.39	646.08	4,535.64	171.81	1.44	388,502.50	729,399.18	
16,339.00	91.40	181.50	11,830.52	-4,583.36	644.28	4,628.43	172.00	2.19	388,408.52	729,397.38	
16,433.00	88.60	181.90	11,830.52	-4,677.31	641.49	4,721.10	172.19	3.01	388,314.57	729,394.59	
16,508.00	87.20	180.40	11,833.27	-4,752.24	639.99	4,795.14	172.33	2.73	388,239.64	729,393.09	
16,551.19	87.20	180.40	11,835.38	-4,795.38	639.69	4,837.86	172.40	0.00	388,196.51	729,392.79	
BS 1 W1AP FC 3H PBHL_330FSL_1000FEL											
16,565.00	87.20	180.40	11,836.05	-4,809.17	639.59	4,851.51	172.42	0.00	388,182.72	729,392.69	
TD - Final 3H TD_317FSL_987FEL - BS 1 W1AP FC 3H BHL											

Survey Report Landscape

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Big Sinks 1 W1AP FED COM 3H - Slot BS 1
Project:	Eddy County, NM (NMEZ) NAD83 Grid	TVD Reference:	3274+28 @ 3302.00usft (Rig560)
Site:	Big Sinks	MD Reference:	3274+28 @ 3302.00usft (Rig560)
Well:	Big Sinks 1 W1AP FED COM 3H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral AsDrilled	Database:	STRYKER_EDM

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,847.00	11,706.81	-120.65	598.65	Wellpath Crosses 330'FNL
12,135.00	11,816.78	-384.21	596.00	Wellpath is @ 80°
16,565.00	11,836.05	-4,809.17	639.59	TD

Checked By: _____	Approved By: _____	Date: _____
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December 22, 2020

New Mexico Energy, Minerals and Natural Resources Department
 Attn: Oil Conservation Division
 1220 South St. Francis Drive
 Santa Fe, NM 87505

Attn: Jackie Lathan

Re: Mewbourne Oil Company
 Big Sinks 1 W1AP Federal Com #003H
 Purple Sage; Wolfcamp (Gas)
 Eddy County, New Mexico
 API# 30-015-46974

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C. Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
Matt Kiel	Original Hole	1,325ft. to 16,508ft.	07-11-20 to 07-29-20	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

 A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

Eric Estes

Enclosures

CC:

Mewbourne Oil Company
 Attn: Frosty Lathan
 P.O. Box 5720
 Hobbs, NM 88241

Mewbourne Oil Company
 Attn: Robin Terrell
 P.O. Box 5720
 Hobbs, NM 88241

NMEMaNRD\Mewbourne Oil Company\Big Sinks 1 W1AP Fed Com #3H\M201124

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250

Montgomery, TX 77356

Released to Imaging: 6/16/2021 9:15:24 AM Office (936) 582-7296 * Fax (936)-588-4163



December 22, 2020

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of July 11, 2020, through July 29, 2020 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 1,325feet to a depth of 16,508feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Big Sinks 1 W1AP Federal Com #003H, well API # **30-015-46974** in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

A handwritten signature in black ink, appearing to read "Eric Estes", written over a horizontal line.

Eric Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

P.O. Box 1250

Montgomery, TX 77356

Intent ☐ As Drilled ☒

API # 30-025-46974		
Operator Name: Mewbourne Oil Co.	Property Name: Big Sinks 1 W1AP Fed Com	Well Number 3H

Kick Off Point (KOP)

UL A	Section 1	Township 26S	Range 31E	Lot	Feet 10	From N/S N	Feet 998	From E/W E	County Eddy
Latitude 32.0795081					Longitude -103.7262893				NAD 83

First Take Point (FTP)

UL A	Section 1	Township 26S	Range 31E	Lot	Feet 374	From N/S N	Feet 1002	From E/W E	County Eddy
Latitude 32.0785056					Longitude -103.7263030				NAD 83

Last Take Point (LTP)

UL P	Section 1	Township 26S	Range 31E	Lot	Feet 375	From N/S S	Feet 985	From E/W E	County Eddy
Latitude 32.0659003					Longitude -103.7262494				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

☐ N

Is this well an infill well?

☐ Y

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

API # 30-015-43800		
Operator Name: Mewbourne Oil Co.	Property Name: Big Sinks 1 W1PA Fed Com	Well Number 2H

KZ 06/29/2018



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

Sundry Print Report

04/06/2021

Well Name: BIG SINKS 1 W1AP FED COM	Well Location: T26S / R31E / SEC 1 / NWNE / 32.0789695 / -103.7282294	County or Parish/State: EDDY / NM
Well Number: 3H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM112931	Unit or CA Name:	Unit or CA Number: NMNM137594
US Well Number: 3001546974	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 03/25/2021

Time Sundry Submitted: 10:23

Date Operation Actually Began: 01/09/2021

Actual Procedure: Frac horizontal Wolfcamp from 11900' MD to 16509' MD w/11,473,896 gals Slickwater, carrying 11,595,550# local 100 mesh sand. Flowback well for cleanup. 02/03/2021 Drill out frac plugs to PBTD @ 16524'. 02/17/2021 RIH w/2 " 6.5# L80 IPC tbg & GLVs to 10899'. 02/17/2021 PWOL. FORMATION TOPS: Rustler 978', T/Salt 1322', Castile 2147', B/salt 4052', Delaware 4265', Bell Canyon 4293', Cherry Canyon 5343', Brushy Canyon 6928', Bone Spring 8296', 1st Bone Spring 9282', 2nd Bone Spring 9933', 3rd Bone Spring 11183', Wolfcamp 11596'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

Well Name: BIG SINKS 1 W1AP FED COM	Well Location: T26S / R31E / SEC 1 / NWNE / 32.0789695 / -103.7282294	County or Parish/State: EDDY / NM
Well Number: 3H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM112931	Unit or CA Name:	Unit or CA Number: NMNM137594
US Well Number: 3001546974	Well Status: Approved Application for Permit to Drill	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: BISHOP**Signed on:** MAR 25, 2021 07:36 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:** 04/06/2021**Signature:** Jonathon Shepard



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

Well Completion Print Report

03/29/2021

Operator Name MEWBOURNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM	Well Number 3H	US Well Number 3001546974
	County LEA	State NM	Lease Number(s) NMNM112931
Well Type CONVENTIONAL GAS WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s) NMNM137594
Allottee/Tribe Name	Well Pad Name Big Sinks 1 W1AP Fed Com	Well Pad Number 3H	ID 10400046764

Section 1 - General

Well Completion Report Id: 46709

Submission Date: N/A until DB Work

BLM Office: Carlsbad Field Office

User: Bradley Bishop

Title: Regulatory

Federal/Indian: FEDERAL

Lease Number: NMNM112931

Lease Acres: 40

Agreement in place?: YES

Federal or Indian Agreement:

Agreement Number: NMNM137594

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: PURPLE SAGE WOLFCAMP

Field Name: purple sage; wolfcamp (ga

Well Type: CONVENTIONAL GAS WELL

Spud Date: 07-09-2020

Date Total Measured Depth Reached: 07-29-2020

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		3301	27	27	NONE	

Operator Name MEWBOURNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM	Well Number 3H	US Well Number 3001546974
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Allottee/Tribe Name	Well Pad Name Big Sinks 1 W1AP Fed Com	Well Pad Number 3H	ID 10400046764

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
RUSTLER	ANHYDRITE, DOLOMITE		2151	1150	1150	USEABLE WATER	
TOP SALT	SALT		1811	1490	1490	NONE	
BOTTOM SALT	SALT		-819	4120	4120	NONE	
DELAWARE	LIMESTONE		-1029	4330	4330	NATURAL GAS, OIL	
MANZANITA	SANDSTONE		-2258	5559	5559	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SANDSTONE, SHALE		-5020	8321	8321	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6010	9311	9311	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6675	9976	9976	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-7875	11176	11176	NATURAL GAS, OIL	
WOLFCAMP	LIMESTONE, SANDSTONE, SHALE		-8295	11596	11675	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 NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM	Well Number 3H	US Well Number 3001546974
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Allottee/Tribe Name	Well Pad Name Big Sinks 1 W1AP Fed Com	Well Pad Number 3H	ID 10400046764

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	NMNM112931	NMNM112931	NEW		DRG	01-20-2021	02-17-2021	WOLFCA MP	11900	16509	Y	.39	1332	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totie Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	273188		Frac horizontal wolfcamp w/11,473,896 gals slickwater, carrying 11,595,550 # 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		.7413	GAS LIFT		SOLD	

Operator Name MEWBOURNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM	Well Number 3H	US Well Number 3001546974
	County LEA	State NM	Lease Number(s) NMNM112931
Well Type CONVENTIONAL GAS WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s) NMNM137594
Allottee/Tribe Name	Well Pad Name Big Sinks 1 W1AP Fed Com	Well Pad Number 3H	ID 10400046764

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	02/23/2021	24	1091	4451	4310	4079	54/64	1305		20

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	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	LEA	32.0789695	-103.7282294	3274	FEE	FEE				205	FNL	1600	FEL	26S	31E	1	NWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0795081	-103.7262893	-7957	FEDERAL	NMNM112931				10	FNL	998	FEL	26S	31E	1	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0785056	-103.726303	-8461	FEDERAL	NMNM112931				374	FNL	1002	FEL	26S	31E	1	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.075869	-103.7263353	-8563	FEE	FEE				1334	FNL	1012	FEL	26S	31E	1	SENE

Operator Name MEWBORNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM	Well Number 3H	US Well Number 3001546974
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	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
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0685384	-103.726313	-8562	FEDERAL	NMNM 89057				1335	FSL	1005	FEL	26S	31E	1	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0659003	-103.7262494	-8559	FEDERAL	NMNM 89057				375	FSL	985	FEL	26S	31E	1	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0657408	-103.7262517	-8562	FEDERAL	NMNM 89057				317	FSL	986	FEL	26S	31E	1	SESE

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	1234	13.375	54.5	J-55		ST&C		

Operator Name MEWBOURNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM	Well Number 3H	US Well Number 3001546974
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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	INTERMEDIATE	12.25	0	4260	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	11180	7.625	39	HCP-110		OTHER	LFJ	
00	LINER	6.125	10952	16565	4.5	13.5	HCP-110		OTHER	CDC-HTQ	

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	844	1.74	0	Class C	200	1.34		309.3
00	INTERMEDIATE		Class C	730	2.21	0	Class C	200	1.33		334.7
00	PRODUCTION		Class C	250	3.31	3000	Class H	400	1.21		233.6
00	LINER		Class H	470	1.74	10952				925	145.7

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
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Operator Name MEWBOURNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM	Well Number 3H	US Well Number 3001546974
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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		10899	10884	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	YES	YES

Operator Name MEWBOURNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM County LEA	Well Number 3H State NM	US Well Number 3001546974 Lease Number(s) NMNM112931
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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:** 03/29/2021**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**

SES_EOW_Big_Sinks_1_W1AP_Fed_Com__20210325105459

SES_EOW_Big_Sinks_1_W1AP_Fed_Com__20210325105603

20210325110234_20210325110813.pdf

Big_Sinks_1_W1AP_Fed_Com__20210325110903

Big_Sinks_1_W1AP_Fed_Com_3H_WB_Diagram_20210329131039.xlsx

Operator Name MEWBOURNE OIL COMPANY SHL NWNE Sec 1 26S 31E	Well Name BIG SINKS 1 W1AP FED COM County LEA	Well Number 3H State NM	US Well Number 3001546974 Lease Number(s) NMNM112931
Well Type CONVENTIONAL GAS WELL Allottee/Tribe Name	Well Status Approved Application for Permit to Drill Well Pad Name Big Sinks 1 W1AP Fed Com	Agreement Name Well Pad Number 3H	Agreement Number(s) NMNM137594 ID 10400046764

Attachments

SES_EOW_Big_Sinks_1_W1AP_Fed_Com__20210325105459

SES_EOW_Big_Sinks_1_W1AP_Fed_Com__20210325105603

20210325110234_20210325110813.pdf

Big_Sinks_1_W1AP_Fed_Com__20210325110903

Big_Sinks_1_W1AP_Fed_Com_3H_WB_Diagram_20210329131039.xlsx

Mewbourne Oil Company

Well Name: Big Sinks 1 W1AP Fed Com #3H
Updated by: Andy Taylor

Spud Date: 7/9/2020

Date Updated: 3/29/2021

Surface

17 1/2" x 13 3/4" 54.5# J55
Set @ 1234'
Cmt w/ 1044 sx
Circ. 451 sx to pit

Intermediate

12 1/4" x 9 3/4" 40# HCL80
Set @ 4260'
Cmt w/ 930 sx
Circ. 15 sx to pit

Production

8 3/4" x 7 3/4" 39# HCP110
Set @ 11,180'
Cmt w/ 650 sx
TOC @ 3000' (calc.)

Liner

6 1/8" x 4 1/2" 13.5# HCP110
Set @ 10,952'-16,565'

TBG Detail:

1	2 7/8" 6.5# L80 pup jt	6.00'
1	2 7/8" x 7" AS 1X Pkr	9.25'
1	2 7/8" 6.5# L80 IPC tbg	32.65'
1	2 7/8" L80 IPC GLV #1	4.10'
1	2 7/8" SN & Collar	1.10'
20	2 7/8" 6.5# L80 IPC tbg	651.99'
1	2 7/8" L80 IPC GLV #2	4.10'
21	2 7/8" 6.5# L80 IPC tbg	684.97'
1	2 7/8" L80 IPC GLV #3	4.10'
20	2 7/8" 6.5# L80 IPC tbg	652.66'
1	2 7/8" L80 IPC GLV #4	4.10'
21	2 7/8" 6.5# L80 IPC tbg	685.60'
1	2 7/8" L80 IPC GLV #5	4.10'
21	2 7/8" 6.5# L80 IPC tbg	681.62'
1	2 7/8" L80 IPC GLV #6	4.10'
20	2 7/8" 6.5# L80 IPC tbg	647.18'
1	2 7/8" L80 IPC GLV #7	4.10'
21	2 7/8" 6.5# L80 IPC tbg	672.94'
1	2 7/8" L80 IPC GLV #8	4.10'
20	2 7/8" 6.5# L80 IPC tbg	650.13'
1	2 7/8" L80 IPC GLV #9	4.10'
21	2 7/8" 6.5# L80 IPC tbg	685.23'
1	2 7/8" L80 IPC GLV #10	4.10'
20	2 7/8" 6.5# L80 IPC tbg	652.41'
1	2 7/8" L80 IPC GLV #11	4.10'
21	2 7/8" 6.5# L80 IPC tbg	684.86'
1	2 7/8" L80 IPC GLV #12	4.10'
20	2 7/8" 6.5# L80 IPC tbg	652.41'
1	2 7/8" L80 IPC GLV #13	4.10'
21	2 7/8" 6.5# L80 IPC tbg	685.25'
1	2 7/8" L80 IPC GLV #14	4.10'
62	2 7/8" 6.5# L80 IPC tbg	2021.78'
4	2 7/8" 6.5# L80 IPC pups	22.00'
1	2 7/8" 6.5# L80 IPC tbg	32.60'
Total tbg		10,870.03'
KB Correction		28.50'
Tbg set @		10,898.53'

KOP @ 11,259'
Dev @ KOP: 2.6°

TVD @ 11,837'
TD 6 1/8" hole @ 16,565'

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 23210

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 23210
	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
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

CONDITIONS

Action 23210

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 23210
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	6/16/2021