

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

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 10/12/2021
⁴ API Number 30 – 015 - 47922	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 329973	⁸ Property Name Kansas 28/33 W1AP Fed Com	⁹ Well Number 2H

II. ¹⁰ Surface Location

UL or lot no. A	Section 28	Township 24S	Range 28E	Lot Idn	Feet from the 100	North/South Line North	Feet from the 1175	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. P	Section 33	Township 24S	Range 28E	Lot Idn	Feet from the 316	North/South line South	Feet from the 978	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10/12/2021	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
329971	Oryx Midstream Services 4000 N Big Spring Suite 400 Midland, TX 79705	O
327139	Sendero Midstream 1000 Louisiana St Suite 6900 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 06/10/2021	²² Ready Date 10/12/2021	²³ TD 19,870'	²⁴ PBTB 19,865'	²⁵ Perforations 9785'-19,852'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8" 54.5# J55	415'	425		
12 1/4"	9 5/8" 40# HCL80	2493'	750		
8 3/4"	7" 29# HCP110	10,154'	675		
6 1/8"	4 1/2" 13.5# HCP110	19,870'	875		
	3 1/2" 9.3# L80	9102'			

V. Well Test Data

³¹ Date New Oil 10/12/2021	³² Gas Delivery Date 10/12/2021	³³ Test Date 10/22/2021	³⁴ Test Length 24 hr	³⁵ Tbg. Pressure 1955	³⁶ Csg. Pressure 1550
³⁷ Choke Size 20/64"	³⁸ Oil 1490	³⁹ Water 3871	⁴⁰ Gas 3169		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: <i>Andrew W Taylor</i>			OIL CONSERVATION DIVISION		
Printed name: Andy Taylor			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Engineer			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: ataylor@mewbourne.com			Approval Date: <i>4/29/2022</i>		
Date: 11/03/2021		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 30-015-47922	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 329973	⁵ Property Name KANSAS 28/33 W1AP FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 2H
		⁹ Elevation 3006'

¹⁰ Surface Location

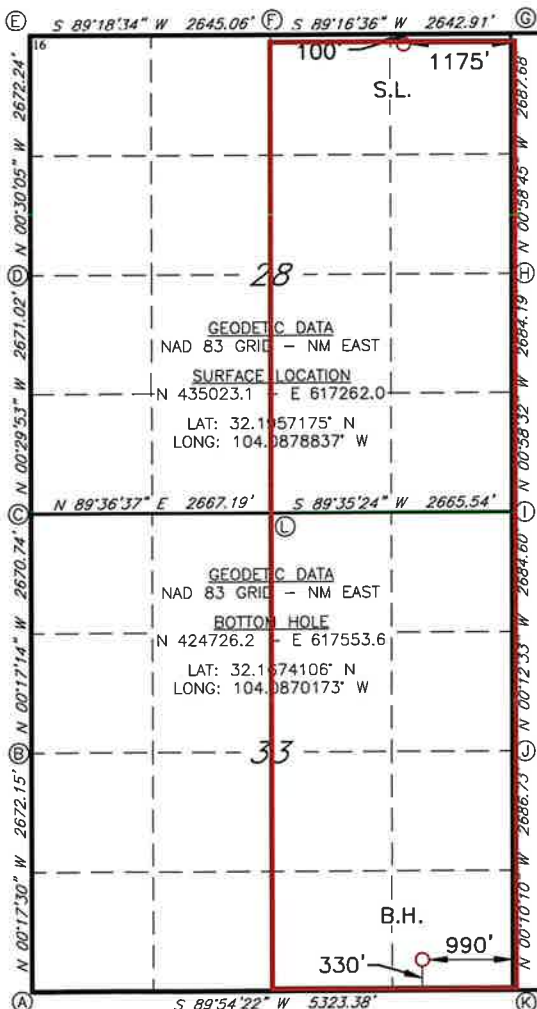
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
A	28	24S	28E		100	NORTH	1175	EAST	EDDY

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	33	24S	28E		316	SOUTH	978	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1940"
N 424389.2 - E 613222.2

B: FOUND BRASS CAP "1942"
N 427060.7 - E 613208.6

C: FOUND BRASS CAP "1942"
N 429730.8 - E 613195.2

D: FOUND BRASS CAP "1942"
N 432401.1 - E 613172.0

E: FOUND BRASS CAP "1942"
N 435072.6 - E 613148.6

F: FOUND BRASS CAP "1942"
N 435104.5 - E 615792.9

G: FOUND BRASS CAP "1942"
N 435137.9 - E 618435.0

H: FOUND BRASS CAP "1942"
N 432451.2 - E 618480.9

I: FOUND BRASS CAP "1942"
N 429768.0 - E 618526.6

J: FOUND BRASS CAP "1942"
N 427084.0 - E 618536.4

K: FOUND BRASS CAP "1940"
N 424397.9 - E 618544.3

L: FOUND BRASS CAP "1942"
N 429748.9 - E 618561.7

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: *Jackie Lathan* Date: **11/03/2021**
Printed Name: **Jackie Lathan**
E-mail Address: **jlathan@mewbourne.com**

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.

02-19-2020

Date of Survey

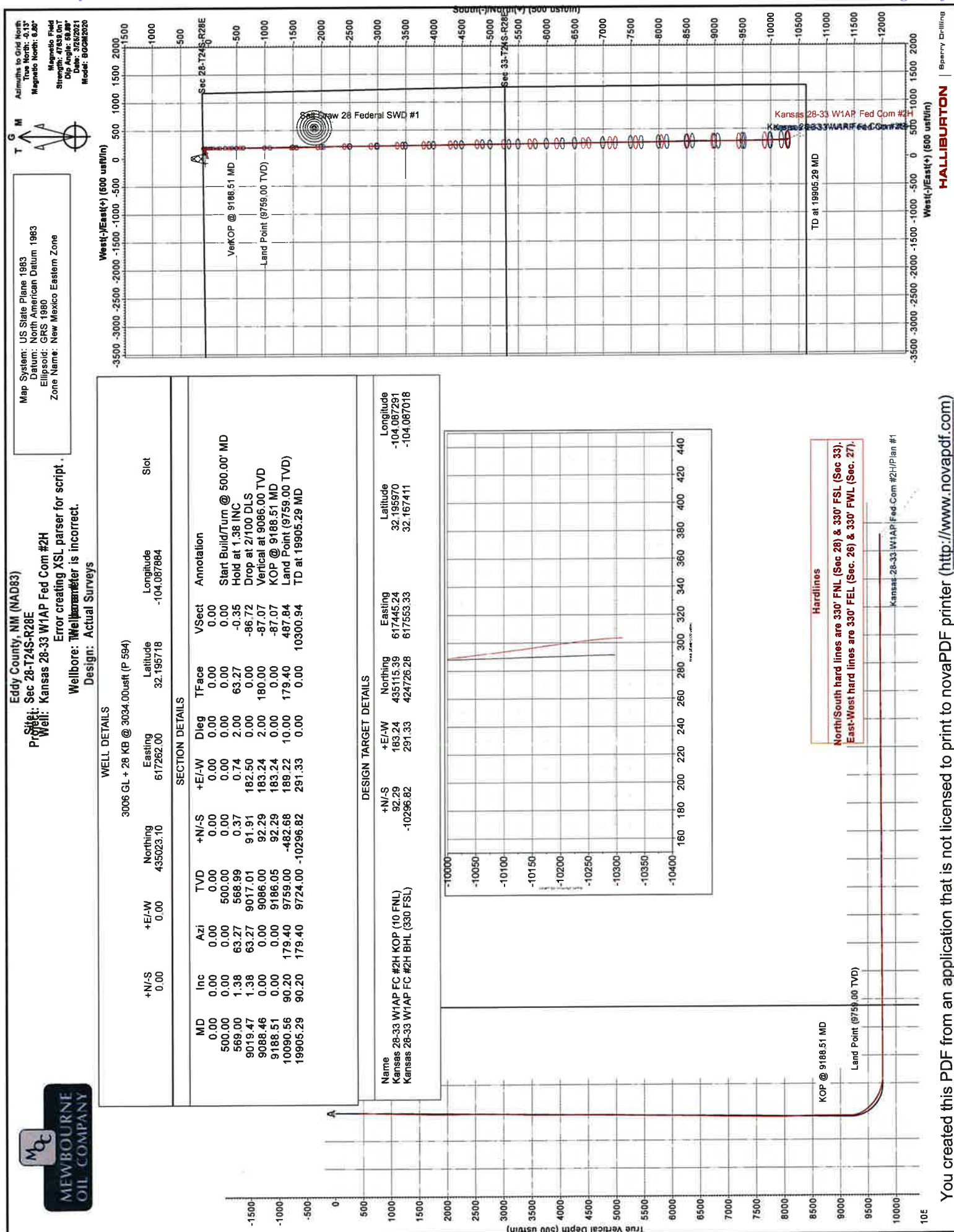
Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC - Job No.: **LS20020141**



P 594

Mewbourne Oil Company

Eddy County, NM (NAD83) Sec 28-T24S-R28E

API#

Kansas 28-33 W1AP Fed Com #2H

100 FNL, 1175 FEL Sec 28

Wellbore #1

Plan: Plan #1

Sperry Drilling Services
Combo Report

29 March, 2021

Well Coordinates: 32° 11' 44.583406 N
104° 5' 16.381216 WNorth American Datum 1983
New Mexico Eastern Zone
435,023.10 N
617,262.00 E

Ground Level: 3,006.00 usft

Local Coordinate Origin:

Viewing Datum:

TVDs to System:

North Reference:

Unit System:

Centered on Well Kansas 28-33 W1AP Fed Com #2H

3006 GL + 28 KB @ 3034.00usft (P 594)

N

Grid

Midcon (2 decimal)

Compass Version: 5000.15 Build: 91E

Report Version: Midcon Combo v1.15

HALLIBURTON

HALLIBURTON**Plan Report for Kansas 28-33 W1AP Fed Com #2H - Plan #1**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
0.00	0.00	0.00	0.00	0.00 N	0.00 E	435,023.100	617,262.000	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00 N	0.00 E	435,023.100	617,262.000	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00 N	0.00 E	435,023.100	617,262.000	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00 N	0.00 E	435,023.100	617,262.000	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00 N	0.00 E	435,023.100	617,262.000	0.00	0.00	0.00	13 3/8"
500.00	0.00	0.00	500.00	0.00 N	0.00 E	435,023.100	617,262.000	0.00	0.00	0.00	Start Build/Turn @ 500.00' MD
569.00	1.38	63.27	568.99	0.37 N	0.74 E	435,023.474	617,262.742	2.00	-0.35	63.27	Hold at 1.38 INC
600.00	1.38	63.27	599.98	0.71 N	1.41 E	435,023.810	617,263.409	0.00	-0.67	180.00	
700.00	1.38	63.27	699.96	1.79 N	3.56 E	435,024.893	617,265.560	0.00	-1.69	0.00	
800.00	1.38	63.27	799.93	2.88 N	5.71 E	435,025.976	617,267.711	0.00	-2.71	0.00	
900.00	1.38	63.27	899.90	3.96 N	7.86 E	435,027.059	617,269.861	0.00	-3.74	0.00	
1,000.00	1.38	63.27	999.87	5.04 N	10.01 E	435,028.143	617,272.012	0.00	-4.76	0.00	
1,080.15	1.38	63.27	1,080.00	5.91 N	11.74 E	435,029.011	617,273.736	0.00	-5.58	0.00	Salt Top
1,100.00	1.38	63.27	1,099.84	6.13 N	12.16 E	435,029.226	617,274.163	0.00	-5.78	0.00	
1,200.00	1.38	63.27	1,199.81	7.21 N	14.31 E	435,030.309	617,276.314	0.00	-6.80	0.00	
1,300.00	1.38	63.27	1,299.78	8.29 N	16.46 E	435,031.392	617,278.465	0.00	-7.82	0.00	
1,400.00	1.38	63.27	1,399.75	9.38 N	18.62 E	435,032.476	617,280.616	0.00	-8.85	0.00	
1,500.00	1.38	63.27	1,499.72	10.46 N	20.77 E	435,033.559	617,282.766	0.00	-9.87	0.00	
1,600.00	1.38	63.27	1,599.69	11.54 N	22.92 E	435,034.642	617,284.917	0.00	-10.89	0.00	
1,700.00	1.38	63.27	1,699.67	12.63 N	25.07 E	435,035.725	617,287.068	0.00	-11.91	0.00	
1,800.00	1.38	63.27	1,799.64	13.71 N	27.22 E	435,036.809	617,289.219	0.00	-12.93	0.00	
1,900.00	1.38	63.27	1,899.61	14.79 N	29.37 E	435,037.892	617,291.370	0.00	-13.96	0.00	
2,000.00	1.38	63.27	1,999.58	15.88 N	31.52 E	435,038.975	617,293.521	0.00	-14.98	0.00	
2,100.00	1.38	63.27	2,099.55	16.96 N	33.67 E	435,040.058	617,295.671	0.00	-16.00	0.00	
2,200.00	1.38	63.27	2,199.52	18.04 N	35.82 E	435,041.142	617,297.822	0.00	-17.02	0.00	
2,300.00	1.38	63.27	2,299.49	19.12 N	37.97 E	435,042.225	617,299.973	0.00	-18.04	0.00	
2,375.53	1.38	63.27	2,375.00	19.94 N	39.60 E	435,043.043	617,301.598	0.00	-18.82	0.00	Salt Base
2,400.00	1.38	63.27	2,399.46	20.21 N	40.12 E	435,043.308	617,302.124	0.00	-19.07	0.00	
2,500.00	1.38	63.27	2,499.43	21.29 N	42.27 E	435,044.391	617,304.275	0.00	-20.09	0.00	
2,515.57	1.38	63.27	2,515.00	21.46 N	42.61 E	435,044.560	617,304.610	0.00	-20.25	0.00	Delaware (Lamar)
2,600.00	1.38	63.27	2,599.40	22.37 N	44.43 E	435,045.475	617,306.426	0.00	-21.11	0.00	
2,605.60	1.38	63.27	2,605.00	22.44 N	44.55 E	435,045.535	617,306.546	0.00	-21.17	0.00	Bell Canyon
2,700.00	1.38	63.27	2,699.38	23.46 N	46.58 E	435,046.558	617,308.576	0.00	-22.13	0.00	
2,800.00	1.38	63.27	2,799.35	24.54 N	48.73 E	435,047.641	617,310.727	0.00	-23.15	0.00	
2,900.00	1.38	63.27	2,899.32	25.62 N	50.88 E	435,048.724	617,312.878	0.00	-24.18	0.00	
3,000.00	1.38	63.27	2,999.29	26.71 N	53.03 E	435,049.808	617,315.029	0.00	-25.20	0.00	

HALLIBURTON**Plan Report for Kansas 28-33 W1AP Fed Com #2H - Plan #1**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
3,100.00	1.38	63.27	3,099.26	27.79 N	55.18 E	435,050.891	617,317.180	0.00	-26.22	0.00	
3,200.00	1.38	63.27	3,199.23	28.87 N	57.33 E	435,051.974	617,319.331	0.00	-27.24	0.00	
3,225.78	1.38	63.27	3,225.00	29.15 N	57.89 E	435,052.253	617,319.885	0.00	-27.50	0.00	Cherry Canyon
3,300.00	1.38	63.27	3,299.20	29.96 N	59.48 E	435,053.057	617,321.482	0.00	-28.26	0.00	
3,400.00	1.38	63.27	3,399.17	31.04 N	61.63 E	435,054.141	617,323.632	0.00	-29.29	0.00	
3,500.00	1.38	63.27	3,499.14	32.12 N	63.78 E	435,055.224	617,325.783	0.00	-30.31	0.00	
3,540.87	1.38	63.27	3,540.00	32.57 N	64.66 E	435,055.667	617,326.662	0.00	-30.72	0.00	Manzanita Marker
3,600.00	1.38	63.27	3,599.11	33.21 N	65.93 E	435,056.307	617,327.934	0.00	-31.33	0.00	
3,700.00	1.38	63.27	3,699.09	34.29 N	68.08 E	435,057.390	617,330.085	0.00	-32.35	0.00	
3,800.00	1.38	63.27	3,799.06	35.37 N	70.24 E	435,058.474	617,332.236	0.00	-33.37	0.00	
3,900.00	1.38	63.27	3,899.03	36.46 N	72.39 E	435,059.557	617,334.387	0.00	-34.40	0.00	
4,000.00	1.38	63.27	3,999.00	37.54 N	74.54 E	435,060.640	617,336.537	0.00	-35.42	0.00	
4,100.00	1.38	63.27	4,098.97	38.62 N	76.69 E	435,061.723	617,338.688	0.00	-36.44	0.00	
4,200.00	1.38	63.27	4,198.94	39.71 N	78.84 E	435,062.807	617,340.839	0.00	-37.46	0.00	
4,300.00	1.38	63.27	4,298.91	40.79 N	80.99 E	435,063.890	617,342.990	0.00	-38.48	0.00	
4,400.00	1.38	63.27	4,398.88	41.87 N	83.14 E	435,064.973	617,345.141	0.00	-39.50	0.00	
4,500.00	1.38	63.27	4,498.85	42.96 N	85.29 E	435,066.056	617,347.292	0.00	-40.53	0.00	
4,600.00	1.38	63.27	4,598.82	44.04 N	87.44 E	435,067.140	617,349.442	0.00	-41.55	0.00	
4,700.00	1.38	63.27	4,698.80	45.12 N	89.59 E	435,068.223	617,351.593	0.00	-42.57	0.00	
4,800.00	1.38	63.27	4,798.77	46.21 N	91.74 E	435,069.306	617,353.744	0.00	-43.59	0.00	
4,900.00	1.38	63.27	4,898.74	47.29 N	93.89 E	435,070.389	617,355.895	0.00	-44.61	0.00	
5,000.00	1.38	63.27	4,998.71	48.37 N	96.05 E	435,071.473	617,358.046	0.00	-45.64	0.00	
5,100.00	1.38	63.27	5,098.68	49.46 N	98.20 E	435,072.556	617,360.197	0.00	-46.66	0.00	
5,200.00	1.38	63.27	5,198.65	50.54 N	100.35 E	435,073.639	617,362.347	0.00	-47.68	0.00	
5,300.00	1.38	63.27	5,298.62	51.62 N	102.50 E	435,074.722	617,364.498	0.00	-48.70	0.00	
5,400.00	1.38	63.27	5,398.59	52.71 N	104.65 E	435,075.806	617,366.649	0.00	-49.72	0.00	
5,500.00	1.38	63.27	5,498.56	53.79 N	106.80 E	435,076.889	617,368.800	0.00	-50.75	0.00	
5,600.00	1.38	63.27	5,598.53	54.87 N	108.95 E	435,077.972	617,370.951	0.00	-51.77	0.00	
5,700.00	1.38	63.27	5,698.51	55.96 N	111.10 E	435,079.055	617,373.102	0.00	-52.79	0.00	
5,800.00	1.38	63.27	5,798.48	57.04 N	113.25 E	435,080.139	617,375.253	0.00	-53.81	0.00	
5,900.00	1.38	63.27	5,898.45	58.12 N	115.40 E	435,081.222	617,377.403	0.00	-54.83	0.00	
6,000.00	1.38	63.27	5,998.42	59.21 N	117.55 E	435,082.305	617,379.554	0.00	-55.86	0.00	
6,086.61	1.38	63.27	6,085.00	60.14 N	119.42 E	435,083.243	617,381.417	0.00	-56.74	0.00	Bone Spring
6,100.00	1.38	63.27	6,098.39	60.29 N	119.71 E	435,083.388	617,381.705	0.00	-56.88	0.00	
6,200.00	1.38	63.27	6,198.36	61.37 N	121.86 E	435,084.472	617,383.856	0.00	-57.90	0.00	
6,300.00	1.38	63.27	6,298.33	62.45 N	124.01 E	435,085.555	617,386.007	0.00	-58.92	0.00	
6,400.00	1.38	63.27	6,398.30	63.54 N	126.16 E	435,086.638	617,388.158	0.00	-59.94	0.00	

HALLIBURTON**Plan Report for Kansas 28-33 W1AP Fed Com #2H - Plan #1**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
6,500.00	1.38	63.27	6,498.27	64.62 N	128.31 E	435,087.721	617,390.308	0.00	-60.97	0.00	
6,600.00	1.38	63.27	6,598.24	65.70 N	130.46 E	435,088.805	617,392.459	0.00	-61.99	0.00	
6,700.00	1.38	63.27	6,698.22	66.79 N	132.61 E	435,089.888	617,394.610	0.00	-63.01	0.00	
6,800.00	1.38	63.27	6,798.19	67.87 N	134.76 E	435,090.971	617,396.761	0.00	-64.03	0.00	
6,900.00	1.38	63.27	6,898.16	68.95 N	136.91 E	435,092.054	617,398.912	0.00	-65.05	0.00	
7,000.00	1.38	63.27	6,998.13	70.04 N	139.06 E	435,093.138	617,401.063	0.00	-66.08	0.00	
7,051.89	1.38	63.27	7,050.00	70.60 N	140.18 E	435,093.700	617,402.179	0.00	-66.61	0.00	1st Bone Spring Sand
7,100.00	1.38	63.27	7,098.10	71.12 N	141.21 E	435,094.221	617,403.213	0.00	-67.10	0.00	
7,200.00	1.38	63.27	7,198.07	72.20 N	143.36 E	435,095.304	617,405.364	0.00	-68.12	0.00	
7,300.00	1.38	63.27	7,298.04	73.29 N	145.52 E	435,096.387	617,407.515	0.00	-69.14	0.00	
7,400.00	1.38	63.27	7,398.01	74.37 N	147.67 E	435,097.471	617,409.666	0.00	-70.16	0.00	
7,500.00	1.38	63.27	7,497.98	75.45 N	149.82 E	435,098.554	617,411.817	0.00	-71.19	0.00	
7,600.00	1.38	63.27	7,597.95	76.54 N	151.97 E	435,099.637	617,413.968	0.00	-72.21	0.00	
7,700.00	1.38	63.27	7,697.93	77.62 N	154.12 E	435,100.720	617,416.118	0.00	-73.23	0.00	
7,800.00	1.38	63.27	7,797.90	78.70 N	156.27 E	435,101.804	617,418.269	0.00	-74.25	0.00	
7,852.12	1.38	63.27	7,850.00	79.27 N	157.39 E	435,102.368	617,419.390	0.00	-74.79	0.00	2nd Bone Spring Sand
7,900.00	1.38	63.27	7,897.87	79.79 N	158.42 E	435,102.887	617,420.420	0.00	-75.27	0.00	
8,000.00	1.38	63.27	7,997.84	80.87 N	160.57 E	435,103.970	617,422.571	0.00	-76.30	0.00	
8,100.00	1.38	63.27	8,097.81	81.95 N	162.72 E	435,105.053	617,424.722	0.00	-77.32	0.00	
8,200.00	1.38	63.27	8,197.78	83.04 N	164.87 E	435,106.137	617,426.873	0.00	-78.34	0.00	
8,300.00	1.38	63.27	8,297.75	84.12 N	167.02 E	435,107.220	617,429.023	0.00	-79.36	0.00	
8,400.00	1.38	63.27	8,397.72	85.20 N	169.17 E	435,108.303	617,431.174	0.00	-80.38	0.00	
8,500.00	1.38	63.27	8,497.69	86.29 N	171.33 E	435,109.386	617,433.325	0.00	-81.41	0.00	
8,600.00	1.38	63.27	8,597.66	87.37 N	173.48 E	435,110.470	617,435.476	0.00	-82.43	0.00	
8,700.00	1.38	63.27	8,697.64	88.45 N	175.63 E	435,111.553	617,437.627	0.00	-83.45	0.00	
8,800.00	1.38	63.27	8,797.61	89.54 N	177.78 E	435,112.636	617,439.778	0.00	-84.47	0.00	
8,900.00	1.38	63.27	8,897.58	90.62 N	179.93 E	435,113.719	617,441.929	0.00	-85.49	0.00	
8,967.44	1.38	63.27	8,965.00	91.35 N	181.38 E	435,114.450	617,443.379	0.00	-86.18	0.00	3rd Bone Spring Sand
9,000.00	1.38	63.27	8,997.55	91.70 N	182.08 E	435,114.803	617,444.079	0.00	-86.52	0.00	
9,019.47	1.38	63.27	9,017.01	91.91 N	182.50 E	435,115.013	617,444.498	0.00	-86.72	0.00	Drop at 2/100 DLS
9,088.46	0.00	0.00	9,086.00	92.29 N	183.24 E	435,115.387	617,445.240	2.00	-87.07	-180.00	Vertical at 9086.00 TVD
9,100.00	0.00	0.00	9,097.54	92.29 N	183.24 E	435,115.387	617,445.240	0.00	-87.07	0.00	
9,188.51	0.00	0.00	9,186.05	92.29 N	183.24 E	435,115.387	617,445.240	0.00	-87.07	0.00	KOP @ 9188.51 MD
9,200.00	1.15	179.40	9,197.54	92.17 N	183.24 E	435,115.272	617,445.241	10.00	-86.95	179.40	
9,250.00	6.15	179.40	9,247.42	88.99 N	183.27 E	435,112.091	617,445.274	10.00	-83.77	0.00	
9,300.00	11.15	179.40	9,296.83	81.48 N	183.35 E	435,104.576	617,445.353	10.00	-76.26	0.00	
9,350.00	16.15	179.40	9,345.41	69.68 N	183.48 E	435,092.782	617,445.475	10.00	-64.46	0.00	

HALLIBURTON

Eddy County, NM (NAD)

Plan Report for Kansas 28-33 W1AP Fed Cor #2H - Plan #1

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)								
9,400.00	21.15	179.40	9,392.77	53.70 N	183.64 E	435,076.799	617,445.642	10.00	-48.48	0.00	
9,429.51	24.10	179.40	9,420.00	42.35 N	183.76 E	435,065.450	617,445.760	10.00	-37.14	0.00	Wolfcamp
9,450.00	26.15	179.40	9,438.55	33.65 N	183.85 E	435,056.751	617,445.850	10.00	-28.44	0.00	
9,500.00	31.15	179.40	9,482.42	9.69 N	184.10 E	435,032.788	617,446.099	10.00	-4.48	0.00	
9,550.00	36.15	179.40	9,524.03	18.01 S	184.39 E	435,005.093	617,446.398	10.00	23.21	0.00	
9,600.00	41.15	179.40	9,563.06	49.22 S	184.71 E	434,973.878	617,446.712	10.00	54.43	0.00	
9,650.00	46.15	179.40	9,599.23	83.72 S	185.07 E	434,939.379	617,447.071	10.00	88.92	0.00	
9,700.00	51.15	179.40	9,632.26	121.24 S	185.46 E	434,901.859	617,447.462	10.00	126.44	0.00	
9,750.00	56.15	179.40	9,661.88	161.50 S	185.88 E	434,861.604	617,447.880	10.00	166.69	0.00	
9,800.00	61.15	179.40	9,687.89	204.18 S	186.32 E	434,818.920	617,448.325	10.00	209.37	0.00	
9,850.00	66.15	179.40	9,710.08	248.97 S	186.79 E	434,774.133	617,448.791	10.00	254.15	0.00	
9,900.00	71.15	179.40	9,728.27	295.52 S	187.27 E	434,727.582	617,449.275	10.00	300.70	0.00	
9,950.00	76.15	179.40	9,742.35	343.48 S	187.77 E	434,679.622	617,449.774	10.00	348.65	0.00	
10,000.00	81.15	179.40	9,752.18	392.48 S	188.28 E	434,630.618	617,450.284	10.00	397.65	0.00	
10,050.00	86.15	179.40	9,757.71	442.16 S	188.80 E	434,580.944	617,450.801	10.00	447.32	0.00	
10,090.56	90.20	179.40	9,759.00	482.69 S	189.22 E	434,540.415	617,451.222	10.00	487.84	0.00	Land Point (9759.00 TVD) - 8 3/4"
10,100.00	90.20	179.40	9,758.97	492.12 S	189.32 E	434,530.975	617,451.320	0.00	497.28	0.00	
10,200.00	90.20	179.40	9,758.61	592.12 S	190.36 E	434,430.981	617,452.361	0.00	597.27	0.00	
10,300.00	90.20	179.40	9,758.26	692.11 S	191.40 E	434,330.987	617,453.401	0.00	697.25	0.00	
10,400.00	90.20	179.40	9,757.90	792.11 S	192.44 E	434,230.993	617,454.441	0.00	797.23	0.00	
10,500.00	90.20	179.40	9,757.54	892.10 S	193.48 E	434,130.999	617,455.482	0.00	897.22	0.00	
10,600.00	90.20	179.40	9,757.19	992.09 S	194.52 E	434,031.006	617,456.522	0.00	997.20	0.00	
10,700.00	90.20	179.40	9,756.83	1,092.09 S	195.56 E	433,931.012	617,457.563	0.00	1,097.18	0.00	
10,800.00	90.20	179.40	9,756.47	1,192.08 S	196.60 E	433,831.018	617,458.603	0.00	1,197.17	0.00	
10,900.00	90.20	179.40	9,756.12	1,292.08 S	197.64 E	433,731.024	617,459.643	0.00	1,297.15	0.00	
11,000.00	90.20	179.40	9,755.76	1,392.07 S	198.68 E	433,631.030	617,460.684	0.00	1,397.13	0.00	
11,100.00	90.20	179.40	9,755.40	1,492.06 S	199.72 E	433,531.036	617,461.724	0.00	1,497.12	0.00	
11,200.00	90.20	179.40	9,755.05	1,592.06 S	200.76 E	433,431.042	617,462.764	0.00	1,597.10	0.00	
11,300.00	90.20	179.40	9,754.69	1,692.05 S	201.80 E	433,331.048	617,463.805	0.00	1,697.08	0.00	
11,400.00	90.20	179.40	9,754.33	1,792.05 S	202.84 E	433,231.054	617,464.845	0.00	1,797.07	0.00	
11,500.00	90.20	179.40	9,753.98	1,892.04 S	203.89 E	433,131.060	617,465.885	0.00	1,897.05	0.00	
11,600.00	90.20	179.40	9,753.62	1,992.03 S	204.93 E	433,031.066	617,466.926	0.00	1,997.03	0.00	
11,700.00	90.20	179.40	9,753.26	2,092.03 S	205.97 E	432,931.072	617,467.966	0.00	2,097.02	0.00	
11,800.00	90.20	179.40	9,752.91	2,192.02 S	207.01 E	432,831.078	617,469.006	0.00	2,197.00	0.00	
11,900.00	90.20	179.40	9,752.55	2,292.02 S	208.05 E	432,731.084	617,470.047	0.00	2,296.98	0.00	
12,000.00	90.20	179.40	9,752.19	2,392.01 S	209.09 E	432,631.090	617,471.087	0.00	2,396.97	0.00	

HALLIBURTON**Plan Report for Kansas 28-33 W1AP Fed Com #2H - Plan #1**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
12,100.00	90.20	179.40	9,751.84	2,492.00 S	210.13 E	432,531.096	617,472.127	0.00	2,496.95	0.00	
12,200.00	90.20	179.40	9,751.48	2,592.00 S	211.17 E	432,431.102	617,473.168	0.00	2,596.93	0.00	
12,300.00	90.20	179.40	9,751.12	2,691.99 S	212.21 E	432,331.108	617,474.208	0.00	2,696.92	0.00	
12,400.00	90.20	179.40	9,750.77	2,791.99 S	213.25 E	432,231.114	617,475.248	0.00	2,796.90	0.00	
12,500.00	90.20	179.40	9,750.41	2,891.98 S	214.29 E	432,131.120	617,476.289	0.00	2,896.88	0.00	
12,600.00	90.20	179.40	9,750.05	2,991.97 S	215.33 E	432,031.126	617,477.329	0.00	2,996.87	0.00	
12,700.00	90.20	179.40	9,749.70	3,091.97 S	216.37 E	431,931.133	617,478.370	0.00	3,096.85	0.00	
12,800.00	90.20	179.40	9,749.34	3,191.96 S	217.41 E	431,831.139	617,479.410	0.00	3,196.83	0.00	
12,900.00	90.20	179.40	9,748.98	3,291.96 S	218.45 E	431,731.145	617,480.450	0.00	3,296.82	0.00	
13,000.00	90.20	179.40	9,748.63	3,391.95 S	219.49 E	431,631.151	617,481.491	0.00	3,396.80	0.00	
13,100.00	90.20	179.40	9,748.27	3,491.94 S	220.53 E	431,531.157	617,482.531	0.00	3,496.78	0.00	
13,200.00	90.20	179.40	9,747.91	3,591.94 S	221.57 E	431,431.163	617,483.571	0.00	3,596.77	0.00	
13,300.00	90.20	179.40	9,747.56	3,691.93 S	222.61 E	431,331.169	617,484.612	0.00	3,696.75	0.00	
13,400.00	90.20	179.40	9,747.20	3,791.93 S	223.65 E	431,231.175	617,485.652	0.00	3,796.73	0.00	
13,500.00	90.20	179.40	9,746.84	3,891.92 S	224.69 E	431,131.181	617,486.692	0.00	3,896.72	0.00	
13,600.00	90.20	179.40	9,746.49	3,991.91 S	225.73 E	431,031.187	617,487.733	0.00	3,996.70	0.00	
13,700.00	90.20	179.40	9,746.13	4,091.91 S	226.77 E	430,931.193	617,488.773	0.00	4,096.68	0.00	
13,800.00	90.20	179.40	9,745.77	4,191.90 S	227.81 E	430,831.199	617,489.813	0.00	4,196.67	0.00	
13,900.00	90.20	179.40	9,745.42	4,291.89 S	228.85 E	430,731.205	617,490.854	0.00	4,296.65	0.00	
14,000.00	90.20	179.40	9,745.06	4,391.89 S	229.89 E	430,631.211	617,491.894	0.00	4,396.63	0.00	
14,100.00	90.20	179.40	9,744.70	4,491.88 S	230.93 E	430,531.217	617,492.934	0.00	4,496.62	0.00	
14,200.00	90.20	179.40	9,744.35	4,591.88 S	231.97 E	430,431.223	617,493.975	0.00	4,596.60	0.00	
14,300.00	90.20	179.40	9,743.99	4,691.87 S	233.02 E	430,331.229	617,495.015	0.00	4,696.58	0.00	
14,400.00	90.20	179.40	9,743.63	4,791.86 S	234.06 E	430,231.235	617,496.056	0.00	4,796.57	0.00	
14,500.00	90.20	179.40	9,743.28	4,891.86 S	235.10 E	430,131.241	617,497.096	0.00	4,896.55	0.00	
14,600.00	90.20	179.40	9,742.92	4,991.85 S	236.14 E	430,031.247	617,498.136	0.00	4,996.53	0.00	
14,700.00	90.20	179.40	9,742.56	5,091.85 S	237.18 E	429,931.253	617,499.177	0.00	5,096.52	0.00	
14,800.00	90.20	179.40	9,742.21	5,191.84 S	238.22 E	429,831.260	617,500.217	0.00	5,196.50	0.00	
14,900.00	90.20	179.40	9,741.85	5,291.83 S	239.26 E	429,731.266	617,501.257	0.00	5,296.48	0.00	
15,000.00	90.20	179.40	9,741.49	5,391.83 S	240.30 E	429,631.272	617,502.298	0.00	5,396.47	0.00	
15,100.00	90.20	179.40	9,741.14	5,491.82 S	241.34 E	429,531.278	617,503.338	0.00	5,496.45	0.00	
15,200.00	90.20	179.40	9,740.78	5,591.82 S	242.38 E	429,431.284	617,504.378	0.00	5,596.43	0.00	
15,300.00	90.20	179.40	9,740.42	5,691.81 S	243.42 E	429,331.290	617,505.419	0.00	5,696.42	0.00	
15,400.00	90.20	179.40	9,740.07	5,791.80 S	244.46 E	429,231.296	617,506.459	0.00	5,796.40	0.00	
15,500.00	90.20	179.40	9,739.71	5,891.80 S	245.50 E	429,131.302	617,507.499	0.00	5,896.38	0.00	
15,600.00	90.20	179.40	9,739.35	5,991.79 S	246.54 E	429,031.308	617,508.540	0.00	5,996.37	0.00	
15,700.00	90.20	179.40	9,739.00	6,091.79 S	247.58 E	428,931.314	617,509.580	0.00	6,096.35	0.00	

HALLIBURTON**Plan Report for Kansas 28-33 W1AP Fed Com #2H - Plan #1**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Tooface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
15,800.00	90.20	179.40	9,738.64	6,191.78 S	248.62 E	428,831.320	617,510.620	0.00	6,196.33	0.00	
15,900.00	90.20	179.40	9,738.28	6,291.77 S	249.66 E	428,731.326	617,511.661	0.00	6,296.32	0.00	
16,000.00	90.20	179.40	9,737.93	6,391.77 S	250.70 E	428,631.332	617,512.701	0.00	6,396.30	0.00	
16,100.00	90.20	179.40	9,737.57	6,491.76 S	251.74 E	428,531.338	617,513.742	0.00	6,496.28	0.00	
16,200.00	90.20	179.40	9,737.21	6,591.76 S	252.78 E	428,431.344	617,514.782	0.00	6,596.27	0.00	
16,300.00	90.20	179.40	9,736.86	6,691.75 S	253.82 E	428,331.350	617,515.822	0.00	6,696.25	0.00	
16,400.00	90.20	179.40	9,736.50	6,791.74 S	254.86 E	428,231.356	617,516.863	0.00	6,796.23	0.00	
16,500.00	90.20	179.40	9,736.14	6,891.74 S	255.90 E	428,131.362	617,517.903	0.00	6,896.22	0.00	
16,600.00	90.20	179.40	9,735.79	6,991.73 S	256.94 E	428,031.368	617,518.943	0.00	6,996.20	0.00	
16,700.00	90.20	179.40	9,735.43	7,091.73 S	257.98 E	427,931.374	617,519.984	0.00	7,096.19	0.00	
16,800.00	90.20	179.40	9,735.07	7,191.72 S	259.02 E	427,831.380	617,521.024	0.00	7,196.17	0.00	
16,900.00	90.20	179.40	9,734.72	7,291.71 S	260.06 E	427,731.387	617,522.064	0.00	7,296.15	0.00	
17,000.00	90.20	179.40	9,734.36	7,391.71 S	261.10 E	427,631.393	617,523.105	0.00	7,396.14	0.00	
17,100.00	90.20	179.40	9,734.01	7,491.70 S	262.15 E	427,531.399	617,524.145	0.00	7,496.12	0.00	
17,200.00	90.20	179.40	9,733.65	7,591.70 S	263.19 E	427,431.405	617,525.185	0.00	7,596.10	0.00	
17,300.00	90.20	179.40	9,733.29	7,691.69 S	264.23 E	427,331.411	617,526.226	0.00	7,696.09	0.00	
17,400.00	90.20	179.40	9,732.94	7,791.68 S	265.27 E	427,231.417	617,527.266	0.00	7,796.07	0.00	
17,500.00	90.20	179.40	9,732.58	7,891.68 S	266.31 E	427,131.423	617,528.306	0.00	7,896.05	0.00	
17,600.00	90.20	179.40	9,732.22	7,991.67 S	267.35 E	427,031.429	617,529.347	0.00	7,996.04	0.00	
17,700.00	90.20	179.40	9,731.87	8,091.67 S	268.39 E	426,931.435	617,530.387	0.00	8,096.02	0.00	
17,800.00	90.20	179.40	9,731.51	8,191.66 S	269.43 E	426,831.441	617,531.427	0.00	8,196.00	0.00	
17,900.00	90.20	179.40	9,731.15	8,291.65 S	270.47 E	426,731.447	617,532.468	0.00	8,295.99	0.00	
18,000.00	90.20	179.40	9,730.80	8,391.65 S	271.51 E	426,631.453	617,533.508	0.00	8,395.97	0.00	
18,100.00	90.20	179.40	9,730.44	8,491.64 S	272.55 E	426,531.459	617,534.549	0.00	8,495.95	0.00	
18,200.00	90.20	179.40	9,730.08	8,591.63 S	273.59 E	426,431.465	617,535.589	0.00	8,595.94	0.00	
18,300.00	90.20	179.40	9,729.73	8,691.63 S	274.63 E	426,331.471	617,536.629	0.00	8,695.92	0.00	
18,400.00	90.20	179.40	9,729.37	8,791.62 S	275.67 E	426,231.477	617,537.670	0.00	8,795.90	0.00	
18,500.00	90.20	179.40	9,729.01	8,891.62 S	276.71 E	426,131.483	617,538.710	0.00	8,895.89	0.00	
18,600.00	90.20	179.40	9,728.66	8,991.61 S	277.75 E	426,031.489	617,539.750	0.00	8,995.87	0.00	
18,700.00	90.20	179.40	9,728.30	9,091.60 S	278.79 E	425,931.495	617,540.791	0.00	9,095.85	0.00	
18,800.00	90.20	179.40	9,727.94	9,191.60 S	279.83 E	425,831.501	617,541.831	0.00	9,195.84	0.00	
18,900.00	90.20	179.40	9,727.59	9,291.59 S	280.87 E	425,731.507	617,542.871	0.00	9,295.82	0.00	
19,000.00	90.20	179.40	9,727.23	9,391.59 S	281.91 E	425,631.514	617,543.912	0.00	9,395.80	0.00	
19,100.00	90.20	179.40	9,726.87	9,491.58 S	282.95 E	425,531.520	617,544.952	0.00	9,495.79	0.00	
19,200.00	90.20	179.40	9,726.52	9,591.57 S	283.99 E	425,431.526	617,545.992	0.00	9,595.77	0.00	
19,300.00	90.20	179.40	9,726.16	9,691.57 S	285.03 E	425,331.532	617,547.033	0.00	9,695.75	0.00	
19,400.00	90.20	179.40	9,725.80	9,791.56 S	286.07 E	425,231.538	617,548.073	0.00	9,795.74	0.00	

HALLIBURTON**Plan Report for Kansas 28-33 W1AP Fed Com #2H - Plan #1**

Measured Depth (usft)	Inclination (")	Grid Azimuth (")	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate ("/100usft)	Vertical Section (usft)	Toolface Angle (")	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
19,500.00	90.20	179.40	9,725.45	9,891.56 S	287.11 E	425,131.544	617,549.113	0.00	9,895.72	0.00	
19,600.00	90.20	179.40	9,725.09	9,991.55 S	288.15 E	425,031.550	617,550.154	0.00	9,995.70	0.00	
19,700.00	90.20	179.40	9,724.73	10,091.54 S	289.19 E	424,931.556	617,551.194	0.00	10,095.69	0.00	
19,800.00	90.20	179.40	9,724.38	10,191.54 S	290.23 E	424,831.562	617,552.235	0.00	10,195.67	0.00	
19,905.29	90.20	179.40	9,724.00	10,296.82 S	291.33 E	424,726.280	617,553.330	0.00	10,300.94	0.00	TD at 19905.29 MD

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
500.00	500.00	0.00	0.00	Start Build/Turn @ 500.00' MD
569.00	568.99	0.37	0.74	Hold at 1.38 INC
9,019.47	9,017.01	91.91	182.50	Drop at 2/100 DLS
9,088.46	9,086.00	92.29	183.24	Vertical at 9086.00 TVD
9,188.51	9,186.05	92.29	183.24	KOP @ 9188.51 MD
10,090.56	9,759.00	-482.68	189.22	Land Point (9759.00 TVD)
19,905.29	9,724.00	-10,296.82	291.33	TD at 19905.29 MD

Vertical Section Information

Angle Type	Target	Azimuth (")	Origin Type	Origin		Start TVD (usft)
				+N/-S (usft)	+E/-W (usft)	
TD	No Target (Freehand)	178.38	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
0.00	19,905.29	Plan #1	3_MWD+HRGM

Casing Details

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
400.00	400.00	13 3/8"	13-3/8	17-1/2
10,090.56	9,759.00	8 3/4"	8-3/4	8-3/4
19,905.29	9,724.00	6 1/8"	6-1/8	6-1/8

HALLIBURTON**Plan Report for Kansas 28-33 W1AP Fed Cor #2H - Plan #1****Formation Details**

Measured Depth (usft)	Vertical Depth (usft)	TVDSS (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,080.15	1,080.00	-1,954.00	Salt Top			
2,375.53	2,375.00	-659.00	Salt Base			
2,515.57	2,515.00	-519.00	Delaware (Lamar)			
2,605.60	2,605.00	-429.00	Bell Canyon			
3,225.78	3,225.00	191.00	Cherry Canyon			
3,540.87	3,540.00	506.00	Manzanita Marker			
6,086.61	6,085.00	3,051.00	Bone Spring			
7,051.89	7,050.00	4,016.00	1st Bone Spring Sand			
7,852.12	7,850.00	4,816.00	2nd Bone Spring Sand			
8,967.44	8,965.00	5,931.00	3rd Bone Spring Sand			
9,429.51	9,420.00	6,386.00	Wolfcamp			

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Kansas 28-33 W1AP FC #2H KOP (10 FNL) (10 FNL, 990 FEW Sec 28)									
- plan hits target center	0.00	0.00	9,086.00	92.29	183.24	435,115.387	617,445.240	32° 11' 45.492538 N	104° 5' 14.246205 W
- Point									
Kansas 28-33 W1AP FC #2H BHL (330 FSL) (330 FSL, 990 FEL Sec 33)									
- plan hits target center	0.00	0.00	9,724.00	-10,296.82	291.33	424,726.280	617,553.330	32° 10' 2.679077 N	104° 5' 13.265093 W
- Point									

Directional Difficulty Index

Average Dogleg over Survey:	0.47 °/100usft	Maximum Dogleg over Survey:	10.00 °/100usft at 10,090.56 usft
Net Tortuosity applicable to Plans:	0.47 °/100usft	Directional Difficulty Index:	6.607

Audit Info

HALLIBURTON**North Reference Sheet for Sec 28-T24S-R28E - Kansas 28-33 W1AP Fed Com #2H - Wellbore #1**

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to 3006 GL + 28 KB @ 3034.00usft (P 594). Northing and Easting are relative to Kansas 28-33 W1 AP Fed Com #2H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is 104° 19' 60.000000 W", Longitude Origin:0° 0' 0.000000 E", Latitude Origin:0° 0' 0.000000 N"

False Easting: 541,337,500usft, False Northing: 0.000usft, Scale Reduction: 0.99991569

Grid Coordinates of Well: 435,023.100 usft N, 617,262.000 usft E

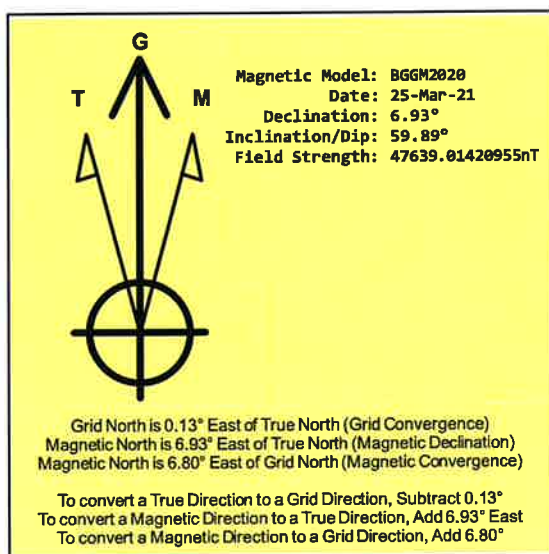
Geographical Coordinates of Well: 32° 11' 44.583406 N, 104° 5' 16.381216 W

Grid Convergence at Surface is: 0.13°

Based upon Minimum Curvature type calculations, at a Measured Depth of 19,905.29usft

the Bottom Hole Displacement is 10,300.94usft in the Direction of 178.38° (Grid).

Magnetic Convergence at surface is: -6.80° (25 March 2021, , BGGM2020)



Intent ☐ As Drilled ☒

API # 30-015-47922		
Operator Name: Mewbourne Oil Co.	Property Name: Kansas 28/33 W1AP Fed Com	Well Number 2H

Kick Off Point (KOP)

UL A	Section 28	Township 24S	Range 28E	Lot	Feet 25	From N/S N	Feet 999	From E/W E	County Eddy
Latitude 32.1959285					Longitude -104.0873203				NAD 83

First Take Point (FTP)

UL A	Section 28	Township 24S	Range 28E	Lot	Feet 350	From N/S N	Feet 991	From E/W E	County Eddy
Latitude 32.1950366					Longitude -104.0872771				NAD 83

Last Take Point (LTP)

UL P	Section 33	Township 24S	Range 28E	Lot	Feet 316	From N/S S	Feet 978	From E/W E	County Eddy
Latitude 32.1673729					Longitude -104.0869792				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

12/02/2021

Well Name: KANSAS 28/33 W1AP FED COM	Well Location: T24S / R28E / SEC 28 / NENE / 32.1957175 / -104.0878837	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM36975	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547922	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Subsequent Report

Sundry ID: 2642869

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 11/03/2021

Time Sundry Submitted: 03:35

Date Operation Actually Began: 08/31/2021

Actual Procedure: Frac horizontal Wolfcamp from 9785' MD to 19852' MD w/23,997,708 gals PW Slickwater & 887964 gals Brackish Slickwater carrying 25,013,613# local 100 mesh sand. Flowback well for cleanup. 09/29/2021 Drill out frac plugs to PBTD @ 19865'. 10/08/2021 RIH w/3 ½" 9.3# L80 IPC tbg & GLVs to 9102'. 10/12/2021 PWOL. FORMATION TOPS: T/salt 1080', B/salt 2375', Delaware 2515', Bell Canyon 2605', Cherry Canyon 3225', Manzanita Marker 3540', Bone Spring 6085', 1st Bone Spring 7050', 2nd Bone Spring 7850', 3rd Bone Spring 8965', Wolfcamp 9420'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

Well Name: KANSAS 28/33 W1AP FED COM	Well Location: T24S / R28E / SEC 28 / NENE / 32.1957175 / -104.0878837	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM36975	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547922	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:** NOV 03, 2021 03:34 PM**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:** Andrew Taylor**Street Address:****City:****State:****Zip:****Phone:****Email address:** ataylor@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:** 12/01/2021**Signature:** Jonathon Shepard



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

Well Completion Print Report

12/02/2021

Operator Name MEWBOURNE OIL COMPANY SHL NENE Sec 28 24S 28E	Well Name KANSAS 28/33 W1AP FED COM	Well Number 2H	US Well Number 3001547922
	County EDDY	State NM	Lease Number(s) NMNM36975
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Kansas 28/33 AP/BO Fed Com wells	Well Pad Number 4	ID 10400055284

Section 1 - General

Well Completion Report Id: 81845

Submission Date: N/A until DB Work

BLM Office: Carlsbad Field Office

User: Bradley Bishop

Title: Regulatory

Federal/Indian: FEDERAL

Lease Number: NMNM36975

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: WOLFCAMP

Field Name: PURPLE SAGE

Well Type: CONVENTIONAL GAS WELL

Spud Date: 06-10-1921

Date Total Measured Depth Reached: 06-28-2021

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 NENE Sec 28 24S 28E	Well Name KANSAS 28/33 W1AP FED COM	Well Number 2H	US Well Number 3001547922
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM36975
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name Kansas 28/33 AP/BO Fed Com wells	Well Pad Number 4	ID 10400055284

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	S1	1	NMNM036975	NMNM36975	NEW		GLG	09-25-2020	10-12-2021	WOLFCA MP	9875	10852	Y	.39	2916	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	592516		Frac horizontal Wolfcamp w/23997708 gals PW slickwater & 887964 gals Brackish slickwater, carrying 25013613# 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	S1	1			GAS LIFT		SOLD	

Operator Name MEWBOURNE OIL COMPANY SHL NENE Sec 28 24S 28E	Well Name KANSAS 28/33 W1AP FED COM	Well Number 2H	US Well Number 3001547922
	County EDDY	State NM	Lease Number(s) NMNM36975
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Kansas 28/33 AP/BO Fed Com wells	Well Pad Number 4	ID 10400055284

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbbls)	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	S1	1	10/22/2021	24	1490	3169	3871	2126	20/64	1955		1550

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	Alliquo/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.1957175	-104.0878837	3006	FEDERAL	NMNM36975				100	FNL	1175	FEL	24S	28E	28	NENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.1959285	-104.0873203	-6122	FEDERAL	NMNM36975				25	FNL	999	FEL	24S	28E	28	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.1812506	-104.0871464	-6735	FEDERAL	NMNM115411				0	FNL	1025	FEL	24S	28E	33	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0950366	-104.0872771	-6648	FEDERAL	NMNM36975				350	FNL	991	FEL	24S	28E	28	NENE

Operator Name MEWBOURNE OIL COMPANY SHL NENE Sec 28 24S 28E	Well Name KANSAS 28/33 W1AP FED COM	Well Number 2H	US Well Number 3001547922
Well Type CONVENTIONAL GAS WELL	County EDDY	State NM	Lease Number(s) NMNM36975
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name Kansas 28/33 AP/BO Fed Com wells	Well Pad Number 4	ID 10400055284

	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.1674224	-104.0869803	-6723	FEDERAL	NMNM 115411				334	FSL	978	FEL	24S	28E	33	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.1673729	-104.0869792	-6722	FEDERAL	NMNM 115411				316	FSL	978	FEL	24S	28E	33	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	415	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	2493	9.625	40	HCL-80		LT&C		

Operator Name MEWBOURNE OIL COMPANY SHL NENE Sec 28 24S 28E	Well Name KANSAS 28/33 W1AP FED COM	Well Number 2H	US Well Number 3001547922
	County EDDY	State NM	Lease Number(s) NMNM36975
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Kansas 28/33 AP/BO Fed Com wells	Well Pad Number 4	ID 10400055284

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	PRODUCT ION	8.75	0	10154	7.0	29	HCP-110		LT&C		
00	LINER	6.125	9134	19870	4.5	13.5	HCP-110		LT&C		

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 (bbis)
00	SURFACE		Class C	425	1.34	0					101.4
00	INTERMEDIATE		Class C	550	2.17	0	Class C	200	1.32		259.6
00	PRODUCT ION	3540	Poz C	275	5.02	0	Class H	400	1.18		329.9
00	LINER		Class C	875	1.74	9134				925	271.2

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	3.5		9102	9087	9	L-80		OTHER	EUE

Operator Name MEWBOURNE OIL COMPANY SHL NENE Sec 28 24S 28E	Well Name KANSAS 28/33 W1AP FED COM	Well Number 2H	US Well Number 3001547922
	County EDDY	State NM	Lease Number(s) NMNM36975
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Kansas 28/33 AP/BO Fed Com wells	Well Pad Number 4	ID 10400055284

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 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: 11/03/2021

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88260

Phone: (575)393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name: Andrew Taylor

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address: ataylor@mewbourne.com

Operator Name MEWBOURNE OIL COMPANY SHL NENE Sec 28 24S 28E	Well Name KANSAS 28/33 W1AP FED COM	Well Number 2H	US Well Number 3001547922
	County EDDY	State NM	Lease Number(s) NMNM36975
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Kansas 28/33 AP/BO Fed Com wells	Well Pad Number 4	ID 10400055284

Attachments

Kansas_28_33_W1AP_Fed_Com_2H_480_TVD_20211103162624.pdf

Kansas_28_33_W1AP_Fed_Com_2H_480_MD_20211103162625.pdf

Kansas_28_33_W1AP_Fed_Com_2H_Plan_1_20211103162654.pdf

Kansas_28_33_W1AP_Fed_Com_2H_C_102_20211202092230.pdf

20211202102226_20211202092303.pdf

Mewbourne Oil Company

Well Name: Kansas 28/33 W1AP Fed Com #2H

Updated by: Andy Taylor

Spud Date: 6/10/2021

Date Updated: 11/2/2021

Surface

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

Set @ 415'

Cmt w/ 425 sx

Circ. 167 sx to pit

Intermediate

12 3/4" x 9 3/4" 40# HCL80

Set @ 2493'

Cmt w/ 750 sx

Circ. 168 sx to pit

Production

8 3/4" x 7" 29# HCP110

Set @ 10,154'

Cmt w/ 675 sx

Circ. 28 sx to pit

TBG Detail:

1	2 7/8" Sub w/ Collar	6.10'
1	2 7/8" x 7" AS 1X Pkr	9.25'
1	2 7/8" SN & Collar	1.10'
1	2 7/8" x 3 1/2" X/O	0.44'
1	3 1/2" 9.3# L80 IPC tbg	32.68'
1	3 1/2" L80 IPC GLV #1	4.10'
18	3 1/2" 9.3# L80 IPC tbg	587.17'
1	3 1/2" L80 IPC GLV #2	4.10'
19	3 1/2" 9.3# L80 IPC tbg	619.96'
1	3 1/2" L80 IPC GLV #3	4.10'
19	3 1/2" 9.3# L80 IPC tbg	620.01'
1	3 1/2" L80 IPC GLV #4	4.10'
19	3 1/2" 9.3# L80 IPC tbg	619.95'
1	3 1/2" L80 IPC GLV #5	4.10'
19	3 1/2" 9.3# L80 IPC tbg	619.78'
1	3 1/2" L80 IPC GLV #6	4.10'
19	3 1/2" 9.3# L80 IPC tbg	620.39'
1	3 1/2" L80 IPC GLV #7	4.10'
19	3 1/2" 9.3# L80 IPC tbg	619.91'
1	3 1/2" L80 IPC GLV #8	4.10'
18	3 1/2" 9.3# L80 IPC tbg	588.39'
1	3 1/2" L80 IPC GLV #9	4.10'
19	3 1/2" 9.3# L80 IPC tbg	619.97'
1	3 1/2" L80 IPC GLV #10	4.10'
20	3 1/2" 9.3# L80 IPC tbg	653.98'
1	3 1/2" L80 IPC GLV #11	4.10'
29	3 1/2" 9.3# L80 IPC tbg	945.98'
1	3 1/2" L80 IPC GLV #12	4.10'
57	3 1/2" 9.3# L80 IPC tbg	1859.71'
Total tbg		9073.97'
KB Correction		28.50'
Tbg set @		9102.47'

Liner

6 1/8" x 4 1/2" 13.5# HCP110

Set @ 9134' - 19,870'

Cmt w/ 875 sx

TOC @ 9134'

KOP @ 9133'

Dev @ KOP: 0.54°

TVD @ 9759'

TD 6 1/8" hole @ 19,870'

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 65708

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 65708
	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.

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CONDITIONS

Action 65708

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/29/2022