

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

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/ 12/2/2021	
⁴ API Number 30-015-47184	⁵ Pool Name Purple Sage, Wolfcamp Gas		⁶ Pool Code 98220
⁷ Property Code 328293	⁸ Property Name Pale Rider 8/5 W1MD State Com		⁹ Well Number 1H

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
N	8	25S	28E		300	SOUTH	1460	WEST	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
D	5	25S	28E		315	NORTH	984	WEST	EDDY
¹² Lse Code	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 12/2/2021	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 4000 N Big Spring, Suite 400 Midland, TX 79705	O
371960	Lucid Energy Group 3100 McKinnon, Suite 800 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 05/24/2021	²² Ready Date 12/2/2021	²³ TD 19463	²⁴ PBDT 19382	²⁵ Perforations 9,490' – 19,269'	²⁶ DHC, MC N/A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 3/8" 54.5# J55	455'	500		
12 ¼"	9 5/8" 40# HCL80	2352'	650		
8 ¾"	7" 29# HCP110	8823'	600		
6 1/8"	4 ½" 13.5# HCP 110	8548' - 19420'	1025		

V. Well Test Data

³¹ Date New Oil 12/2/2021	³² Gas Delivery Date 12/2/2021	³³ Test Date 12/22/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1565
³⁷ Choke Size 43/64"	³⁸ Oil 1530	³⁹ Water 4600	⁴⁰ Gas 3050		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>Ryan McDaniel</i>			OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>		
Printed name: Ryan McDaniel			Title: <i>PETROLEUM SPECIALIST</i>		
Title: Petroleum Engineer			Approval Date: <i>12/1/2023</i>		
E-mail Address: ryanmcdaniel@mewbourne.com					
Date: 1/6/2022		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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47184		² Pool Code 98220		³ Pool Name PURPLE SAGE, WOLFCAMP (GAS)					
⁴ Property Code 328293		⁵ Property Name PALE RIDER 8/5 W1MD STATE COM						⁶ Well Number 1H	
⁷ OGRID NO. 14744		⁸ Operator Name MEWBORNE OIL COMPANY						⁹ Elevation 3031'	
¹⁰ Surface Location									
UL or lot no. N	Section 8	Township 25S	Range 28E	Lot Idn	Feet from the 300	North/South line SOUTH	Feet From the 1460	East/West line WEST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. 4	Section 5	Township 25S	Range 28E	Lot Idn	Feet from the 315	North/South line NORTH	Feet from the 984	East/West line WEST	County EDDY
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16 984' 315' BH LTP LOT 4 LOT 3 LOT 2 LOT 1 Project Area GEODETIC DATA NAD 83 GRID - NM EAST LAST TAKE POINT (LTP) 509' FNL & 988' FWL N: 423872.9 - E: 608884.5 LAT: 32.1651165° N LONG: 104.1150394° W BOTTOM HOLE N: 424066.7 - E: 608881.9 LAT: 32.1656493° N LONG: 104.1150466° W GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 414076.4 - E: 609373.1 LAT: 32.1381839° N LONG: 104.1135250° W KICK OFF POINT (KOP) 21' FSL & 976' FWL N: 413795.9 - E: 608892.5 LAT: 32.1374156° N LONG: 104.1150796° W FIRST TAKE POINT (FTP) 349' FSL & 988' FWL N: 414124.4 - E: 608900.1 LAT: 32.1383186° N LONG: 104.1150531° W 1460' 300' FTP SL KOP Producing Area		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Ryan McDaniel</i> 1/18/22 Signature Date Ryan McDaniel Printed Name Ryanmcdaniel@mewbourne.com E-mail Address 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 06-13-2021 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number PROFESSIONAL SURVEYOR NEW MEXICO 19680	
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Job No: LS20060275AD



Project: Eddy County, NM (NAD83)
 Site: Sec 08-T25S-R28E
 Well: Pale Rider 8-5 W1MD St Com #1H
 300 FSL, 1480 FWL Sec 8
 Wellbore: Wellbore #1
 Design: Final Surveys

Map System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone Name: New Mexico Eastern Zone

Azimuths to Grid North
 True North: -0.12°
 Magnetic North: 6.81°
 Magnetic Field
 Strength: 47610.5nT
 Dip Angle: 59.80°
 Date: 4/11/2021
 Model: BGM2020

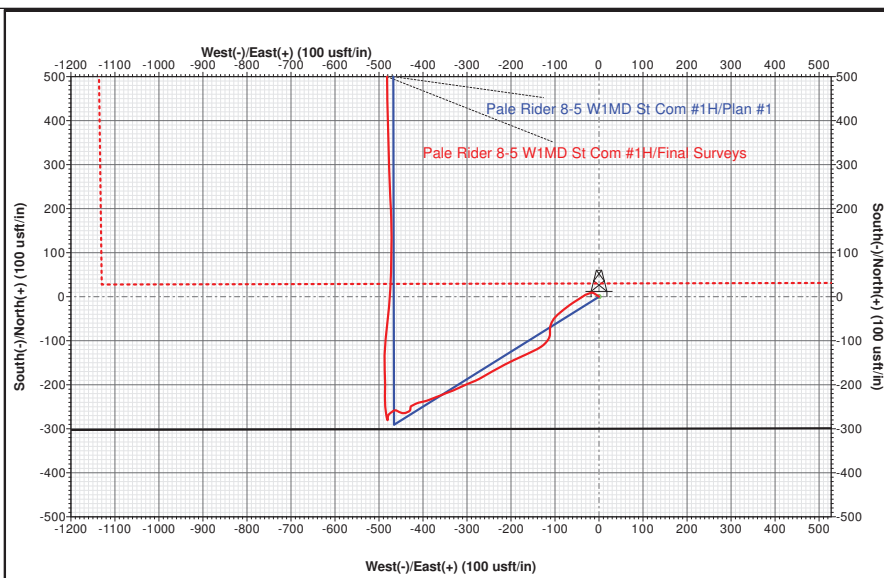
WELL DETAILS

3031 GL + 28 KB @ 3059.00usft (P 597)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	414076.400	609373.100	32° 8' 17.462096 N	104° 6' 48.690509 W	

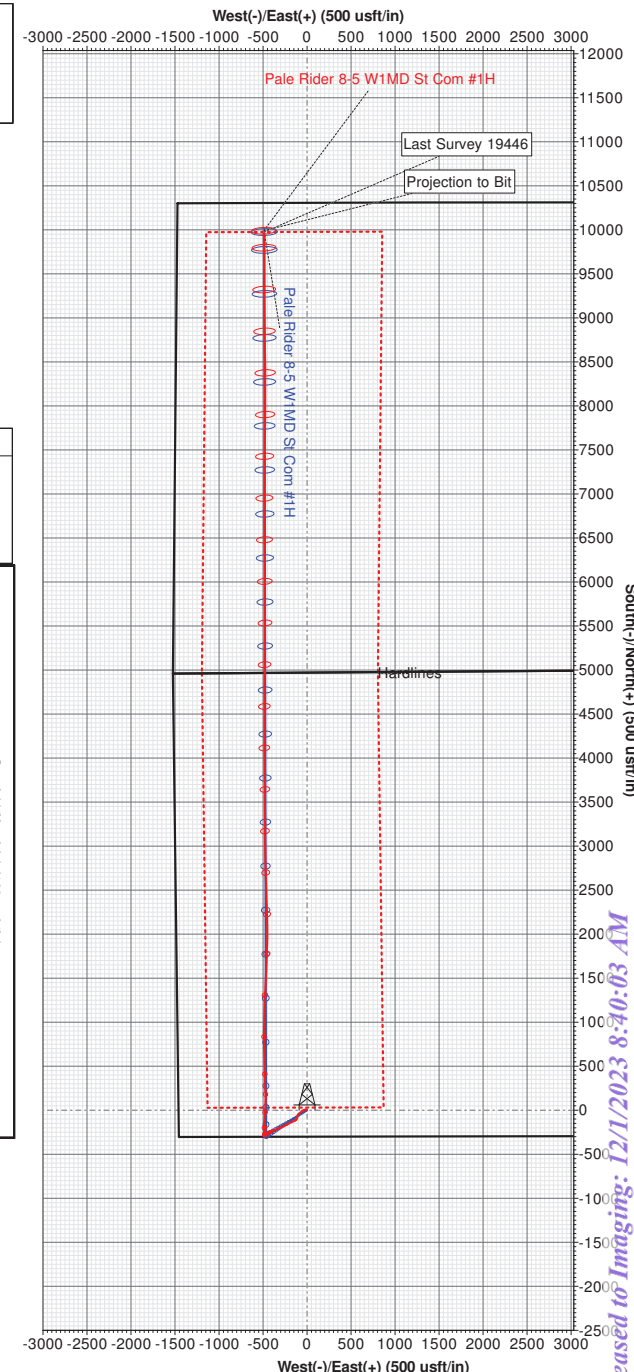
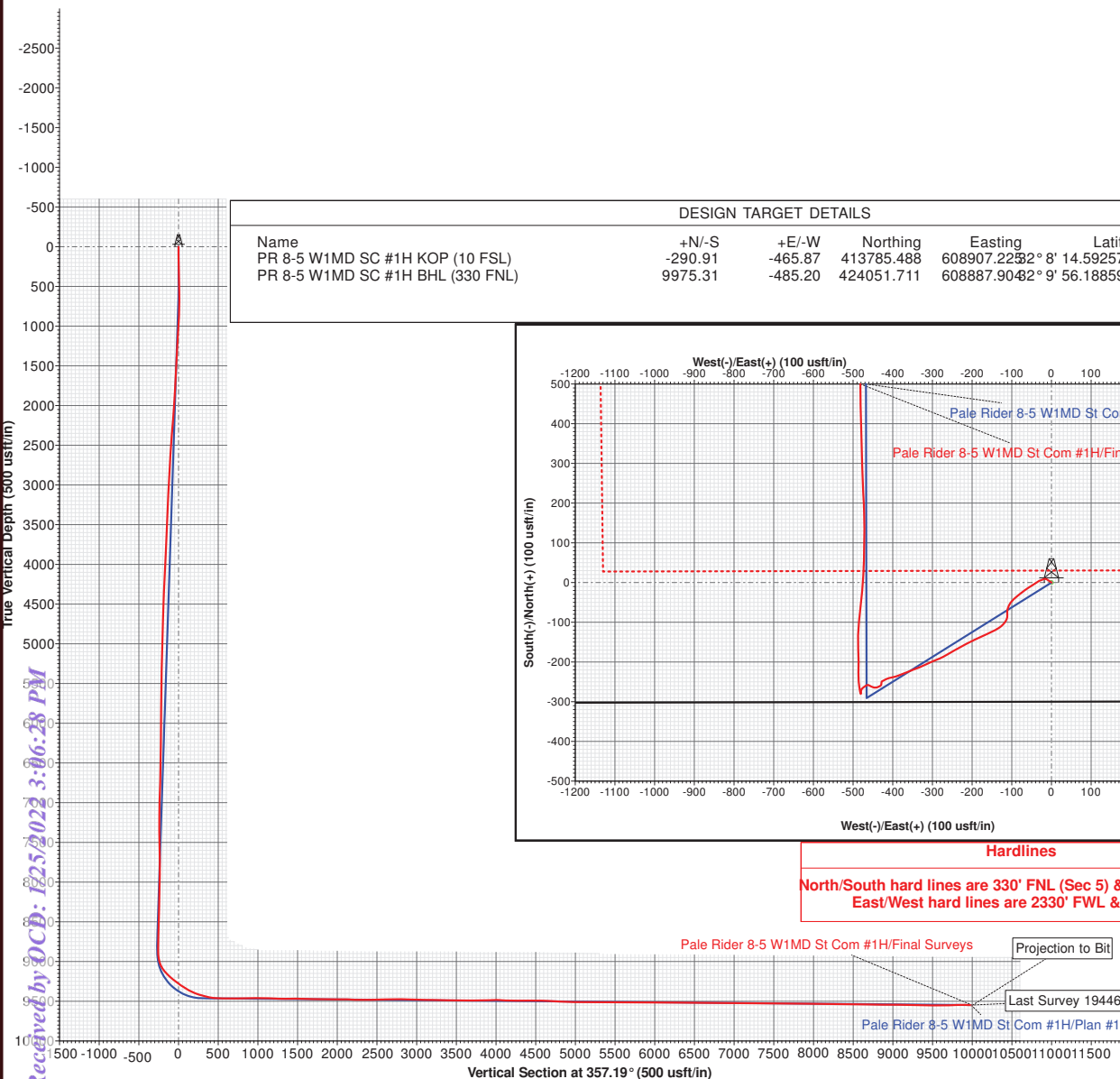
DESIGN TARGET DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PR 8-5 W1MD SC #1H KOP (10 FSL)	-290.91	-465.87	413785.488	608907.223	32° 8' 14.592571 N	104° 6' 54.115837 W
PR 8-5 W1MD SC #1H BHL (330 FNL)	9975.31	-485.20	424051.711	608887.904	32° 9' 56.188595 N	104° 6' 54.098456 W



Hardlines

North/South hard lines are 330' FNL (Sec 5) & 330' FSL (Sec 8)
 East/West hard lines are 2330' FWL & 330' FWL



HALLIBURTON

Sperry Drilling

P 597

Mewbourne Oil Company

Eddy County, NM (NAD83) Sec 08-T25S-R28E

API#

Pale Rider 8-5 W1MD St Com #1H

300 FSL, 1480 FWL Sec 8

Wellbore #1

Design: Final Surveys

Sperry Drilling Services

Combo Report

22 June, 2021

Well Coordinates: 32° 8' 17.462096 N
104° 6' 48.690510 W

North American Datum 1983
New Mexico Eastern Zone
414,076.40 N
609,373.10 E

Ground Level: 3,031.00 usft

Local Coordinate Origin:

Centered on Well Pale Rider 8-5 W1MD St Com #1H

Viewing Datum:

3031 GL + 28 KB @ 3059.00usft (P 597)

TVDs to System:

N

North Reference:

Grid

Unit System:

Midcon (2 decimal)

Compass Version: 5000.15 Build: 91E

Report Version: Midcon Combo v1.15

HALLIBURTON

HALLIBURTON**Design Report for Pale Rider 8-5 W1MD St Com #1H - Final Surveys**

Measured		Grid	Vertical	Local Coordinates		Map Coordinates		Dogleg	Vertical	Toolface	Comments
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)	Rate (°/100usft)	Section (usft)	Angle (°)	
0.00	0.00	0.00	0.00	0.00 N	0.00 E	414,076.400	609,373.100	0.00	0.00	0.00	
237.00	2.20	305.81	236.94	2.66 N	3.69 W	414,079.062	609,369.411	0.93	2.84	305.81	
420.00	1.40	300.81	419.85	5.86 N	8.46 W	414,082.262	609,364.642	0.45	6.27	-171.38	
500.00	1.82	308.62	499.82	7.16 N	10.29 W	414,083.556	609,362.810	0.59	7.65	31.52	
684.00	2.86	276.29	683.67	9.48 N	17.14 W	414,085.882	609,355.964	0.89	10.31	-68.67	
876.00	6.49	237.13	875.04	4.12 N	31.02 W	414,080.515	609,342.081	2.42	5.63	-62.00	
1,064.00	6.67	238.10	1,061.80	7.42 S	49.21 W	414,068.979	609,323.888	0.11	-5.00	32.18	
1,253.00	5.69	234.73	1,249.70	18.63 S	66.18 W	414,057.768	609,306.920	0.55	-15.36	-161.36	
1,441.00	4.89	229.88	1,436.90	29.18 S	79.92 W	414,047.223	609,293.183	0.49	-25.22	-153.20	
1,629.00	4.87	231.23	1,624.22	39.34 S	92.27 W	414,037.063	609,280.834	0.06	-34.76	100.55	
1,817.00	4.01	214.28	1,811.66	49.77 S	102.19 W	414,026.633	609,270.909	0.83	-44.69	-131.50	
2,006.00	4.19	204.02	2,000.18	61.53 S	108.72 W	414,014.866	609,264.376	0.40	-56.12	-81.37	
2,195.00	4.62	179.54	2,188.64	75.45 S	111.47 W	414,000.947	609,261.627	1.01	-69.89	-89.51	
2,291.00	4.86	178.15	2,284.31	83.38 S	111.31 W	413,993.016	609,261.789	0.28	-77.82	-26.27	
2,480.00	6.20	215.60	2,472.48	99.69 S	117.00 W	413,976.710	609,256.104	1.99	-93.83	88.95	
2,669.00	6.57	236.51	2,660.34	113.96 S	131.96 W	413,962.443	609,241.144	1.24	-107.34	91.45	
2,858.00	6.39	246.12	2,848.14	124.18 S	150.59 W	413,952.219	609,222.509	0.58	-116.64	104.18	
3,046.00	6.25	245.50	3,034.99	132.66 S	169.47 W	413,943.740	609,203.630	0.08	-124.18	-154.32	
3,236.00	6.22	244.80	3,223.87	141.33 S	188.19 W	413,935.068	609,184.906	0.04	-131.92	-111.88	
3,424.00	6.10	241.87	3,410.78	150.38 S	206.22 W	413,926.023	609,166.882	0.18	-140.07	-112.34	
3,612.00	6.51	242.75	3,597.65	159.97 S	224.50 W	413,916.433	609,148.598	0.22	-148.75	13.70	
3,801.00	6.61	240.79	3,785.41	170.18 S	243.52 W	413,906.219	609,129.578	0.13	-158.02	-66.91	
3,990.00	6.91	238.91	3,973.09	181.36 S	262.75 W	413,895.040	609,110.347	0.20	-168.24	-37.35	
4,177.00	6.13	246.78	4,158.89	191.11 S	281.56 W	413,885.294	609,091.538	0.63	-177.06	134.98	
4,366.00	5.82	248.74	4,346.86	198.56 S	299.77 W	413,877.841	609,073.334	0.20	-183.61	147.62	
4,554.00	5.60	241.75	4,533.93	206.36 S	316.73 W	413,870.043	609,056.370	0.39	-190.56	-111.01	
4,742.00	5.05	250.03	4,721.12	213.53 S	332.59 W	413,862.875	609,040.513	0.50	-196.94	129.67	
4,931.00	4.57	249.78	4,909.45	218.97 S	347.47 W	413,857.432	609,025.629	0.25	-201.65	-177.62	
5,120.00	4.22	245.97	5,097.90	224.40 S	360.89 W	413,851.997	609,012.212	0.24	-206.42	-142.05	
5,310.00	4.17	250.29	5,287.39	229.58 S	373.78 W	413,846.821	608,999.324	0.17	-210.96	101.14	
5,498.00	3.90	247.74	5,474.92	234.31 S	386.13 W	413,842.094	608,986.972	0.17	-215.07	-147.66	
5,686.00	2.53	256.84	5,662.63	237.67 S	396.09 W	413,838.727	608,977.014	0.78	-217.95	164.07	
5,875.00	2.41	261.05	5,851.45	239.24 S	404.07 W	413,837.159	608,969.027	0.12	-219.12	125.57	
6,063.00	2.25	249.61	6,039.30	241.14 S	411.44 W	413,835.258	608,961.663	0.26	-220.66	-114.64	
6,252.00	1.52	237.72	6,228.19	243.77 S	417.03 W	413,832.627	608,956.066	0.44	-223.01	-157.68	
6,441.00	1.74	252.04	6,417.12	246.00 S	421.88 W	413,830.403	608,951.217	0.24	-224.99	68.91	

HALLIBURTON**Design Report for Pale Rider 8-5 W1MD St Com #1H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100usft)	Vertical Section (usft)	Toolface Angle (°)	Comments
6,629.00	1.73	233.73	6,605.03	248.56 S	426.89 W	413,827.844	608,946.214	0.29	-227.30	-100.18	
6,817.00	2.44	172.00	6,792.93	254.20 S	428.62 W	413,822.202	608,944.483	1.18	-232.85	-104.94	
7,004.00	2.72	239.29	6,979.78	260.41 S	431.88 W	413,815.993	608,941.221	1.53	-238.90	118.96	
7,193.00	2.14	253.13	7,168.61	263.72 S	439.11 W	413,812.678	608,933.989	0.43	-241.85	141.44	
7,382.00	2.81	272.65	7,357.43	264.53 S	447.12 W	413,811.869	608,925.984	0.56	-242.27	61.54	
7,570.00	2.08	316.16	7,545.28	261.86 S	454.08 W	413,814.543	608,919.017	1.03	-239.25	132.25	
7,759.00	2.54	284.89	7,734.13	258.31 S	460.51 W	413,818.093	608,912.593	0.70	-235.39	-86.03	
7,948.00	2.44	231.70	7,922.97	259.72 S	467.71 W	413,816.675	608,905.388	1.18	-236.45	-118.87	
8,135.00	2.11	237.18	8,109.83	264.06 S	473.73 W	413,812.342	608,899.371	0.21	-240.49	149.33	
8,325.00	1.45	216.90	8,299.74	267.88 S	478.11 W	413,808.524	608,894.988	0.48	-244.09	-146.17	
8,514.00	1.69	183.34	8,488.67	272.57 S	479.71 W	413,803.830	608,893.390	0.49	-248.70	-92.55	
8,703.00	1.33	186.06	8,677.60	277.53 S	480.10 W	413,798.866	608,892.996	0.19	-253.63	170.10	
8,851.00	0.69	193.17	8,825.58	280.11 S	480.49 W	413,796.290	608,892.612	0.44	-256.19	172.46	
8,886.00	0.54	188.52	8,860.58	280.48 S	480.56 W	413,795.922	608,892.539	0.45	-256.55	-163.91	
8,933.00	3.17	340.80	8,907.56	279.47 S	481.02 W	413,796.931	608,892.079	7.78	-255.52	156.21	
8,981.00	9.31	346.70	8,955.25	274.43 S	482.35 W	413,801.967	608,890.748	12.84	-250.43	8.91	
9,028.00	14.19	353.77	9,001.25	265.00 S	483.85 W	413,811.400	608,889.247	10.81	-240.93	19.93	
9,075.00	24.05	352.31	9,045.61	249.74 S	485.76 W	413,826.655	608,887.336	21.00	-225.60	-3.47	
9,122.00	33.23	3.04	9,086.84	227.33 S	486.36 W	413,849.069	608,886.736	22.32	-203.18	34.08	
9,169.00	40.19	359.22	9,124.50	199.27 S	485.89 W	413,877.131	608,887.213	15.58	-175.18	-19.71	
9,216.00	44.74	357.09	9,159.16	167.57 S	486.93 W	413,908.833	608,886.166	10.15	-143.46	-18.33	
9,264.00	47.97	1.69	9,192.30	132.86 S	487.27 W	413,943.543	608,885.834	9.66	-108.78	47.47	
9,311.00	51.38	5.67	9,222.71	97.12 S	484.94 W	413,979.280	608,888.164	9.71	-73.20	42.97	
9,358.00	52.04	6.43	9,251.84	60.44 S	481.05 W	414,015.964	608,892.053	1.89	-36.75	42.34	
9,405.00	54.48	5.40	9,279.95	22.98 S	477.17 W	414,053.424	608,895.929	5.48	0.47	-19.00	
9,453.00	57.44	2.85	9,306.82	16.69 N	474.33 W	414,093.087	608,898.774	7.58	39.95	-36.24	
9,500.00	58.35	1.87	9,331.80	56.47 N	472.69 W	414,132.865	608,900.411	2.62	79.60	-42.63	
9,547.00	60.33	0.93	9,355.77	96.88 N	471.70 W	414,173.280	608,901.396	4.55	119.92	-22.46	
9,594.00	62.32	359.58	9,378.32	138.11 N	471.53 W	414,214.512	608,901.574	4.93	161.09	-31.09	
9,642.00	68.02	358.27	9,398.47	181.65 N	472.35 W	414,258.048	608,900.746	12.13	204.61	-12.06	
9,689.00	73.85	357.19	9,413.81	226.01 N	474.12 W	414,302.415	608,898.980	12.59	249.01	-10.11	
9,735.00	74.72	357.14	9,426.27	270.24 N	476.31 W	414,346.640	608,896.790	1.89	293.29	-3.17	
9,782.00	74.59	359.50	9,438.71	315.54 N	477.64 W	414,391.942	608,895.461	4.85	338.61	93.58	
9,831.00	78.06	358.14	9,450.29	363.13 N	478.62 W	414,439.534	608,894.476	7.58	386.19	-21.01	
9,878.00	82.97	358.02	9,458.04	409.45 N	480.18 W	414,485.851	608,892.923	10.45	432.53	-1.39	
9,925.00	88.21	359.78	9,461.65	456.29 N	481.07 W	414,532.685	608,892.027	11.76	479.35	18.59	
10,020.00	89.23	359.05	9,463.77	551.25 N	482.04 W	414,627.655	608,891.057	1.32	574.25	-35.59	

HALLIBURTON**Design Report for Pale Rider 8-5 W1MD St Com #1H - Final Surveys**

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)				
10,115.00	88.21	356.98	9,465.89	646.17 N	485.33 W	414,722.568	608,887.768	2.43	669.21	-116.26	
10,209.00	90.68	0.32	9,466.80	740.12 N	487.55 W	414,816.517	608,885.554	4.42	763.16	53.54	
10,304.00	92.41	359.86	9,464.24	835.08 N	487.40 W	414,911.478	608,885.704	1.88	857.99	-14.88	
10,399.00	91.70	0.71	9,460.84	930.01 N	486.92 W	415,006.414	608,886.176	1.17	952.79	129.87	
10,494.00	88.92	0.88	9,460.32	1,024.99 N	485.61 W	415,101.394	608,887.494	2.93	1,047.59	176.50	
10,588.00	87.59	2.24	9,463.19	1,118.91 N	483.05 W	415,195.312	608,890.051	2.02	1,141.27	134.39	
10,683.00	87.25	1.06	9,467.46	1,213.77 N	480.32 W	415,290.174	608,892.784	1.29	1,235.89	-106.12	
10,777.00	90.03	1.74	9,469.69	1,307.71 N	478.02 W	415,384.110	608,895.080	3.04	1,329.60	13.75	
10,872.00	91.33	3.14	9,468.57	1,402.61 N	473.98 W	415,479.013	608,899.124	2.01	1,424.19	47.11	
10,966.00	88.09	3.44	9,469.04	1,496.44 N	468.58 W	415,572.844	608,904.518	3.46	1,517.64	174.71	
11,061.00	89.69	3.79	9,470.88	1,591.23 N	462.59 W	415,667.634	608,910.506	1.72	1,612.02	12.34	
11,155.00	87.59	0.53	9,473.11	1,685.12 N	459.05 W	415,761.523	608,914.049	4.12	1,705.62	-122.83	
11,249.00	90.00	2.63	9,475.09	1,779.05 N	456.46 W	415,855.454	608,916.640	3.40	1,799.31	41.09	
11,343.00	89.57	2.37	9,475.44	1,872.96 N	452.36 W	415,949.364	608,920.741	0.53	1,892.91	-148.84	
11,437.00	89.57	359.22	9,476.15	1,966.94 N	451.06 W	416,043.340	608,922.045	3.35	1,986.71	-90.01	
11,531.00	90.28	0.34	9,476.27	2,060.94 N	451.42 W	416,137.337	608,921.684	1.41	2,080.61	57.63	
11,625.00	87.10	358.22	9,478.42	2,154.89 N	452.60 W	416,231.288	608,920.504	4.07	2,174.51	-146.33	
11,697.00	87.24	357.84	9,481.97	2,226.76 N	455.07 W	416,303.157	608,918.032	0.56	2,246.41	-69.76	
11,791.00	90.32	358.26	9,483.98	2,320.67 N	458.27 W	416,397.070	608,914.835	3.31	2,340.37	7.77	
11,886.00	92.34	358.73	9,481.77	2,415.61 N	460.76 W	416,492.006	608,912.340	2.18	2,435.31	13.09	
11,980.00	92.15	357.86	9,478.09	2,509.49 N	463.55 W	416,585.892	608,909.546	0.95	2,529.22	-102.31	
12,075.00	90.31	358.45	9,476.05	2,604.42 N	466.61 W	416,680.816	608,906.488	2.03	2,624.18	162.22	
12,170.00	89.86	358.31	9,475.91	2,699.38 N	469.30 W	416,775.778	608,903.802	0.50	2,719.16	-162.72	
12,264.00	89.52	358.97	9,476.42	2,793.35 N	471.53 W	416,869.749	608,901.571	0.79	2,813.13	117.26	
12,359.00	88.61	358.23	9,477.97	2,888.31 N	473.85 W	416,964.707	608,899.251	1.23	2,908.08	-140.89	
12,454.00	88.78	358.96	9,480.13	2,983.25 N	476.18 W	417,059.653	608,896.922	0.79	3,003.03	76.90	
12,547.00	88.28	359.18	9,482.52	3,076.21 N	477.69 W	417,152.610	608,895.413	0.59	3,095.95	156.26	
12,642.00	89.78	0.46	9,484.13	3,171.19 N	477.99 W	417,247.591	608,895.115	2.08	3,190.83	40.48	
12,736.00	89.27	0.26	9,484.90	3,265.19 N	477.39 W	417,341.585	608,895.705	0.58	3,284.68	-158.59	
12,830.00	87.79	359.10	9,487.32	3,359.15 N	477.92 W	417,435.549	608,895.181	2.00	3,378.56	-141.93	
12,925.00	88.79	359.82	9,490.15	3,454.10 N	478.81 W	417,530.500	608,894.286	1.30	3,473.44	35.75	
13,020.00	89.61	359.93	9,491.48	3,549.09 N	479.02 W	417,625.490	608,894.079	0.87	3,568.32	7.64	
13,115.00	90.27	0.41	9,491.58	3,644.09 N	478.74 W	417,720.489	608,894.361	0.86	3,663.19	36.03	
13,210.00	91.08	0.22	9,490.46	3,739.08 N	478.22 W	417,815.480	608,894.883	0.88	3,758.05	-13.20	
13,304.00	92.37	358.84	9,487.63	3,833.03 N	478.99 W	417,909.430	608,894.113	2.01	3,851.92	-46.90	
13,398.00	91.89	359.12	9,484.13	3,926.95 N	480.66 W	418,003.350	608,892.441	0.59	3,945.81	149.76	
13,493.00	86.00	358.26	9,485.88	4,021.87 N	482.83 W	418,098.266	608,890.271	6.27	4,040.72	-171.70	

HALLIBURTON**Design Report for Pale Rider 8-5 W1MD St Com #1H - Final Surveys**

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)				
13,587.00	87.58	359.33	9,491.15	4,115.69 N	484.80 W	418,192.094	608,888.298	2.03	4,134.53	34.10	
13,682.00	90.05	0.75	9,493.11	4,210.66 N	484.74 W	418,287.063	608,888.365	3.00	4,229.38	29.91	
13,776.00	90.72	0.42	9,492.48	4,304.66 N	483.78 W	418,381.056	608,889.324	0.79	4,323.21	-26.22	
13,870.00	90.59	359.82	9,491.40	4,398.65 N	483.58 W	418,475.049	608,889.521	0.65	4,417.08	-102.22	
13,965.00	87.66	359.45	9,492.86	4,493.63 N	484.18 W	418,570.025	608,888.916	3.11	4,511.97	-172.81	
14,059.00	88.91	359.82	9,495.67	4,587.58 N	484.78 W	418,663.979	608,888.318	1.39	4,605.84	16.49	
14,154.00	86.92	359.74	9,499.12	4,682.51 N	485.15 W	418,758.911	608,887.953	2.10	4,700.68	-177.70	
14,248.00	87.72	0.46	9,503.52	4,776.41 N	484.98 W	418,852.807	608,888.118	1.14	4,794.45	41.97	
14,342.00	87.63	0.21	9,507.33	4,870.33 N	484.43 W	418,946.728	608,888.667	0.28	4,888.24	-109.82	
14,438.00	88.80	0.70	9,510.32	4,966.28 N	483.67 W	419,042.676	608,889.429	1.32	4,984.03	22.72	
14,533.00	90.63	0.75	9,510.80	5,061.26 N	482.47 W	419,137.663	608,890.631	1.93	5,078.84	1.57	
14,627.00	89.34	0.46	9,510.82	5,155.26 N	481.48 W	419,231.656	608,891.623	1.41	5,172.67	-167.33	
14,722.00	89.28	1.07	9,511.96	5,250.24 N	480.21 W	419,326.640	608,892.892	0.65	5,267.48	95.62	
14,817.00	90.05	0.53	9,512.52	5,345.23 N	478.88 W	419,421.628	608,894.218	0.99	5,362.29	-35.04	
14,912.00	90.00	0.44	9,512.48	5,440.22 N	478.08 W	419,516.625	608,895.022	0.11	5,457.13	-119.05	
15,007.00	89.79	0.11	9,512.65	5,535.22 N	477.62 W	419,611.623	608,895.478	0.41	5,551.99	-122.47	
15,101.00	89.97	359.85	9,512.85	5,629.22 N	477.65 W	419,705.623	608,895.445	0.34	5,645.88	-55.31	
15,196.00	88.77	359.32	9,513.89	5,724.21 N	478.34 W	419,800.613	608,894.757	1.38	5,740.79	-156.17	
15,291.00	89.83	359.83	9,515.05	5,819.20 N	479.05 W	419,895.601	608,894.053	1.24	5,835.70	25.70	
15,385.00	89.86	359.77	9,515.31	5,913.20 N	479.38 W	419,989.600	608,893.725	0.07	5,929.60	-63.43	
15,479.00	88.77	359.25	9,516.43	6,007.19 N	480.18 W	420,083.588	608,892.921	1.28	6,023.52	-154.50	
15,574.00	90.44	0.64	9,517.09	6,102.18 N	480.27 W	420,178.580	608,892.830	2.29	6,118.40	39.78	
15,669.00	89.08	359.23	9,517.49	6,197.17 N	480.38 W	420,273.575	608,892.722	2.06	6,213.28	-133.97	
15,763.00	89.92	359.90	9,518.31	6,291.17 N	481.09 W	420,367.567	608,892.008	1.14	6,307.20	38.58	
15,858.00	89.16	359.53	9,519.07	6,386.16 N	481.56 W	420,462.562	608,891.536	0.89	6,402.10	-154.04	
15,952.00	89.21	358.46	9,520.41	6,480.14 N	483.21 W	420,556.537	608,889.887	1.14	6,496.04	-87.33	
16,047.00	89.28	359.55	9,521.66	6,575.11 N	484.86 W	420,651.513	608,888.238	1.15	6,590.99	86.33	
16,141.00	89.89	359.90	9,522.34	6,669.11 N	485.31 W	420,745.509	608,887.787	0.75	6,684.89	29.85	
16,236.00	90.38	0.27	9,522.11	6,764.11 N	485.17 W	420,840.508	608,887.928	0.65	6,779.77	37.06	
16,330.00	89.32	0.11	9,522.36	6,858.11 N	484.86 W	420,934.506	608,888.239	1.14	6,873.64	-171.42	
16,425.00	89.06	0.22	9,523.70	6,953.10 N	484.59 W	421,029.496	608,888.513	0.30	6,968.50	157.07	
16,520.00	89.55	0.03	9,524.86	7,048.09 N	484.38 W	421,124.488	608,888.720	0.55	7,063.37	-21.19	
16,614.00	90.53	0.59	9,524.79	7,142.09 N	483.87 W	421,218.485	608,889.229	1.20	7,157.23	29.75	
16,710.00	89.41	0.41	9,524.84	7,238.08 N	483.03 W	421,314.480	608,890.067	1.18	7,253.06	-170.87	
16,805.00	89.21	0.43	9,525.98	7,333.07 N	482.34 W	421,409.470	608,890.763	0.21	7,347.91	174.29	
16,900.00	89.44	0.72	9,527.10	7,428.06 N	481.38 W	421,504.459	608,891.716	0.39	7,442.73	51.58	

HALLIBURTON**Design Report for Pale Rider 8-5 W1MD St Com #1H - Final Surveys**

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)				
16,995.00	88.75	0.68	9,528.60	7,523.04 N	480.22 W	421,599.439	608,892.877	0.73	7,537.54	-176.68	
17,090.00	90.26	0.74	9,529.42	7,618.03 N	479.05 W	421,694.426	608,894.054	1.59	7,632.36	2.28	
17,185.00	89.37	0.40	9,529.73	7,713.02 N	478.10 W	421,789.420	608,894.999	1.00	7,727.19	-159.09	
17,279.00	89.21	0.62	9,530.90	7,807.01 N	477.26 W	421,883.408	608,895.835	0.29	7,821.02	126.03	
17,374.00	90.02	1.21	9,531.53	7,901.99 N	475.75 W	421,978.393	608,897.352	1.05	7,915.82	36.07	
17,469.00	89.53	359.56	9,531.91	7,996.99 N	475.11 W	422,073.387	608,897.991	1.81	8,010.67	-106.54	
17,563.00	88.05	359.31	9,533.89	8,090.96 N	476.04 W	422,167.358	608,897.064	1.60	8,104.57	-170.42	
17,658.00	88.84	0.07	9,536.47	8,185.92 N	476.55 W	422,262.321	608,896.550	1.15	8,199.44	43.89	
17,753.00	90.14	0.59	9,537.32	8,280.91 N	476.00 W	422,357.313	608,897.098	1.47	8,294.30	21.80	
17,848.00	90.49	0.31	9,536.79	8,375.91 N	475.26 W	422,452.308	608,897.844	0.47	8,389.14	-38.66	
17,942.00	88.86	359.15	9,537.33	8,469.90 N	475.70 W	422,546.301	608,897.401	2.13	8,483.04	-144.56	
18,036.00	89.07	358.34	9,539.03	8,563.86 N	477.76 W	422,640.262	608,895.342	0.89	8,576.99	-75.47	
18,130.00	89.29	359.72	9,540.37	8,657.84 N	479.35 W	422,734.237	608,893.751	1.49	8,670.93	80.95	
18,225.00	88.45	358.28	9,542.24	8,752.80 N	481.01 W	422,829.200	608,892.094	1.75	8,765.86	-120.27	
18,320.00	89.25	359.49	9,544.15	8,847.76 N	482.85 W	422,924.161	608,890.246	1.53	8,860.80	56.54	
18,415.00	90.32	359.52	9,544.51	8,942.76 N	483.67 W	423,019.155	608,889.425	1.13	8,955.72	1.61	
18,510.00	89.76	359.57	9,544.44	9,037.75 N	484.43 W	423,114.152	608,888.671	0.59	9,050.64	174.90	
18,605.00	88.07	358.98	9,546.24	9,132.72 N	485.63 W	423,209.123	608,887.469	1.88	9,145.55	-160.76	
18,700.00	89.15	359.94	9,548.54	9,227.69 N	486.53 W	423,304.089	608,886.574	1.52	9,240.45	41.64	
18,795.00	89.91	359.60	9,549.32	9,322.68 N	486.91 W	423,399.084	608,886.193	0.88	9,335.35	-24.10	
18,890.00	88.40	0.03	9,550.72	9,417.67 N	487.21 W	423,494.070	608,885.886	1.65	9,430.23	164.11	
18,985.00	89.31	0.69	9,552.62	9,512.65 N	486.62 W	423,589.048	608,886.483	1.18	9,525.07	35.95	
19,080.00	89.47	359.10	9,553.63	9,607.64 N	486.79 W	423,684.039	608,886.309	1.68	9,619.95	-84.26	
19,175.00	92.98	359.61	9,551.60	9,702.60 N	487.86 W	423,778.996	608,885.240	3.73	9,714.85	8.26	
19,270.00	92.04	359.52	9,547.44	9,797.50 N	488.58 W	423,873.901	608,884.519	0.99	9,809.67	-174.53	
19,365.00	88.88	359.39	9,546.68	9,892.48 N	489.48 W	423,968.882	608,883.615	3.33	9,904.58	-177.64	
19,446.00	87.19	358.96	9,549.46	9,973.42 N	490.65 W	424,049.823	608,882.450	2.15	9,985.48	-165.74	Last Survey 19446
19,463.00	87.19	358.96	9,550.29	9,990.40 N	490.96 W	424,066.799	608,882.142	0.00	10,002.46	0.00	Projection to Bit

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
19,446.00	9,549.46	9,973.42	-490.65	Last Survey 19446
19,463.00	9,550.29	9,990.40	-490.96	Projection to Bit

HALLIBURTON**Design Report for Pale Rider 8-5 W1MD St Com #1H - Final Surveys****Vertical Section Information**

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (usft)	Origin +E/-W (usft)	Start TVD (usft)
TD	No Target (Freehand)	357.19	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
237.00	420.00	Surface	3_MWD+HRGM
500.00	2,291.00	Intermediate 1	3_MWD+HRGM
2,480.00	8,886.00	Intermediate 2	3_MWD+HRGM
8,933.00	11,625.00	Curve	3_MWD+HRGM
11,697.00	19,446.00	Lateral	3_MWD+HRGM
19,463.00	19,463.00	Prj to TD	3_Blind

Design Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	()	()	()	()	()	()	()		
- Shape	()	()	()	()	()	()	()		
()									

Directional Difficulty Index

Average Dogleg over Survey:	1.52 °/100usft	Maximum Dogleg over Survey:	22.32 °/100usft at 9,122.00 usft
Net Tortousity applicable to Plans:	1.01 °/100usft	Directional Difficulty Index:	6.815

Audit Info

HALLIBURTON**North Reference Sheet for Sec 08-T25S-R28E - Pale Rider 8-5 W1MD St Com #1H - 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 3031 GL + 28 KB @ 3059.00usft (P 597). Northing and Easting are relative to Pale Rider 8-5 W1MD St Com #1H

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: 0.99991439

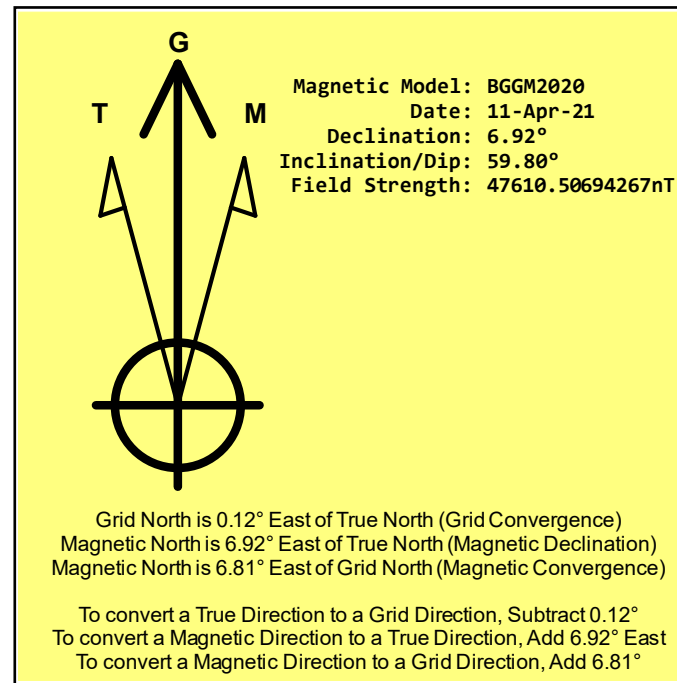
Grid Coordinates of Well: 414,076.400 usft N, 609,373.100 usft E

Geographical Coordinates of Well: 32° 8' 17.462096 N, 104° 6' 48.690510 W

Grid Convergence at Surface is: 0.12°

Based upon Minimum Curvature type calculations, at a Measured Depth of 19,463.00usft
the Bottom Hole Displacement is 10,002.46usft in the Direction of 357.19° (Grid).

Magnetic Convergence at surface is: -6.81° (11 April 2021, , BGGM2020)



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-47184
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator MEWBOURNE OIL CO		6. State Oil & Gas Lease No. VA27790002
3. Address of Operator PO BOX 5270, Hobbs, NM 88241		7. Lease Name or Unit Agreement Name Pale Rider 8/5 W1MD State Com
4. Well Location Unit Letter <u> N </u> : <u> 300 </u> feet from the <u> S </u> line and <u> 1460 </u> feet from the <u> W </u> line Section <u> 8 </u> Township <u> 25S </u> Range <u> 28E </u> NMPM County <u> EDDY </u>		8. Well Number 1H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3020' GL		9. OGRID Number 14744
		10. Pool name or Wildcat Purple Sage, Wolfcamp Gas

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: Completion Sundry ☒

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

10/17/2021 Frac horizontal Wolfcamp w/21423444 gals PW slickwater & 3146892 gals brackish slickwater, carrying 24774456# local 100 mesh sand.

11/19/2021 Drillout frac plugs to PBSD @ 19382'

12/2/2021 Put well on production

Castile - 904, Salt Base - 2218, Lamar - 2410, Bell Canyon - 2449, Cherry Canyon - 3265, Manzanita Marker - 3421, Brushy Canyon - 4487, Bone Spring - 6066, 1st Bone Spring - 6966, 2nd Bone Spring - 7781, 3rd Bone Spring - 8827, Wolfcamp - 9195

Spud Date: Rig Release Date:

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

SIGNATURE Ryan McDaniel TITLE Petroleum Engineer DATE 1/6/2022

Type or print name Ryan McDaniel E-mail address: RyanMcDaniel@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Pale Rider 8/5 W1MD State Com		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								6. Well Number: 1H		
8. Name of Operator MEWBOURNE OIL CO						9. OGRID 14744				
10. Address of Operator P.O. Box 5270, Hobbs, NM 88241						11. Pool name or Wildcat Purple Sage, Wolfcamp Gas				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	8	25S	28E		300	S	1460	W	EDDY
BH:	D	5	25S	28E		315	N	984	W	EDDY
13. Date Spudded 05/24/2021	14. Date T.D. Reached 6/10/2021		15. Date Rig Released 6/13/2021		16. Date Completed (Ready to Produce) 12/2/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3020' GL		
18. Total Measured Depth of Well 19463'			19. Plug Back Measured Depth 19382'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.50		455		17 1/2"		500		
9 5/8"		40		2352		12 3/4"		650		
7"		29		8823		8 3/4"		600		
24. LINER RECORD 25. TUBING RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
4 1/2"	8548	19420	1025		3 1/2	8519				
26. Perforation record (interval, size, and number) 9,490' – 19,269', 0.39", 2160					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					9490-19269		24570336 gal SW & 24774456# sand			
28. PRODUCTION										
Date First Production 12/2/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Gas Lift				Well Status (<i>Prod. or Shut-in</i>) Prod				
Date of Test 12/22/2021	Hours Tested 24	Choke Size 43/64	Prod'n For Test Period	Oil - Bbl 1530	Gas - MCF 3050	Water - Bbl. 4600	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 1565	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD							30. Test Witnessed By Ryan McDaniel			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Ryan McDaniel</i>		Printed Name Ryan McDaniel			Title Petroleum Engineer		Date 1/6/2022			
E-mail Address ryanmcdaniel@mewbourne.com										

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2218	T. Atoka	T. Fruitland	T. Penn. "C"
T. Bell Canyon 2449	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 3265	T. Devonian	T. Cliff House	T. Leadville
T. Manzanita 3421	T. Silurian	T. Menefee	T. Madison
T. Brushy Canyon 4487	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 6066	T. Todilto	
T. Abo	T. Wolfcamp 9195	T. Entrada	
T. Wolfcamp	B. Wolfcamp 9299	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

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

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

LITHOLOGICAL RECORD (Attach additional sheet if necessary)			
From	To	Thickness In Feet	Lithology

Mewbourne Oil Company

Well Name: Pale Rider 8/5 W1MD State Com #1H
Updated by: Ryan McDaniel

Spud Date: 05/24/2021

1/6/2022

Surface

17 1/2" x 13 3/8" 54.5# J55
Set @ 455'
Cmt w/ 500 sx
Circ. 187 sx to pit

Intermediate

12 1/4" x 9 3/4" 40# HCL80
Set @ 2352'
Cmt w/ 650 sx
Circ. 142 sx to pit

Production

8 3/4" x 7" 29# HCP110
Set @ 8823'
Cmt w/ 600 sx
Circ. 115 sx to pit

Liner

6 1/8" x 4 1/2" 13.5# HCP110
Set @ 8,548' - 19,420'
TOC @ 8548'

TBG Detail

1	2 7/8" 6.5# L80 tbg pup jt w/POP	6.00'
1	2 7/8" x 7" AS 1X Pkr w/O/O tool	9.75'
1	2 7/8" SN (Nickel Plated)	1.10'
1	2 7/8" X 3 1/2" XO (Nickel Plated)	0.60'
1	3 1/2" 9.3# L80 tbg IPC	32.85'
1	3 1/2" GLV #1	4.10'
24	3 1/2" 9.3# L80 tbg IPC	785.60'
1	3 1/2" GLV #2	4.10'
24	3 1/2" 9.3# L80 tbg IPC	789.46'
1	3 1/2" GLV #3	4.10'
24	3 1/2" 9.3# L80 tbg IPC	787.29'
1	3 1/2" GLV #4	4.10'
24	3 1/2" 9.3# L80 tbg IPC	786.45'
1	3 1/2" GLV #5	4.10'
24	3 1/2" 9.3# L80 tbg IPC	788.06'
1	3 1/2" GLV #6	4.10'
24	3 1/2" 9.3# L80 tbg IPC	788.40'
1	3 1/2" GLV #7	4.10'
24	3 1/2" 9.3# L80 tbg IPC	787.90'
1	3 1/2" GLV #8	4.10'
32	3 1/2" 9.3# L80 tbg IPC	1051.20'
1	3 1/2" GLV #9	4.10'
56	3 1/2" 9.3# L80 tbg IPC	1839.60'
	Total tbg	8491.16'
	KB Correction	28.00'
	Tbg set @	8519.16'

KOP @ 8886'
Dev @ KOP: 0.54°

TVD @ 9550'
TD 6 1/8" hole @ 19,463'

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
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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 75184

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 75184
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 75184

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 75184
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/1/2023