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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

EMNRD-OC D ARTESIA Form C-102
REC'D: 5/26/2020
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46409	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 326233	⁵ Property Name FULLER 13/24 W1P FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 2H
		⁹ Elevation 3015'

¹⁰ Surface Location

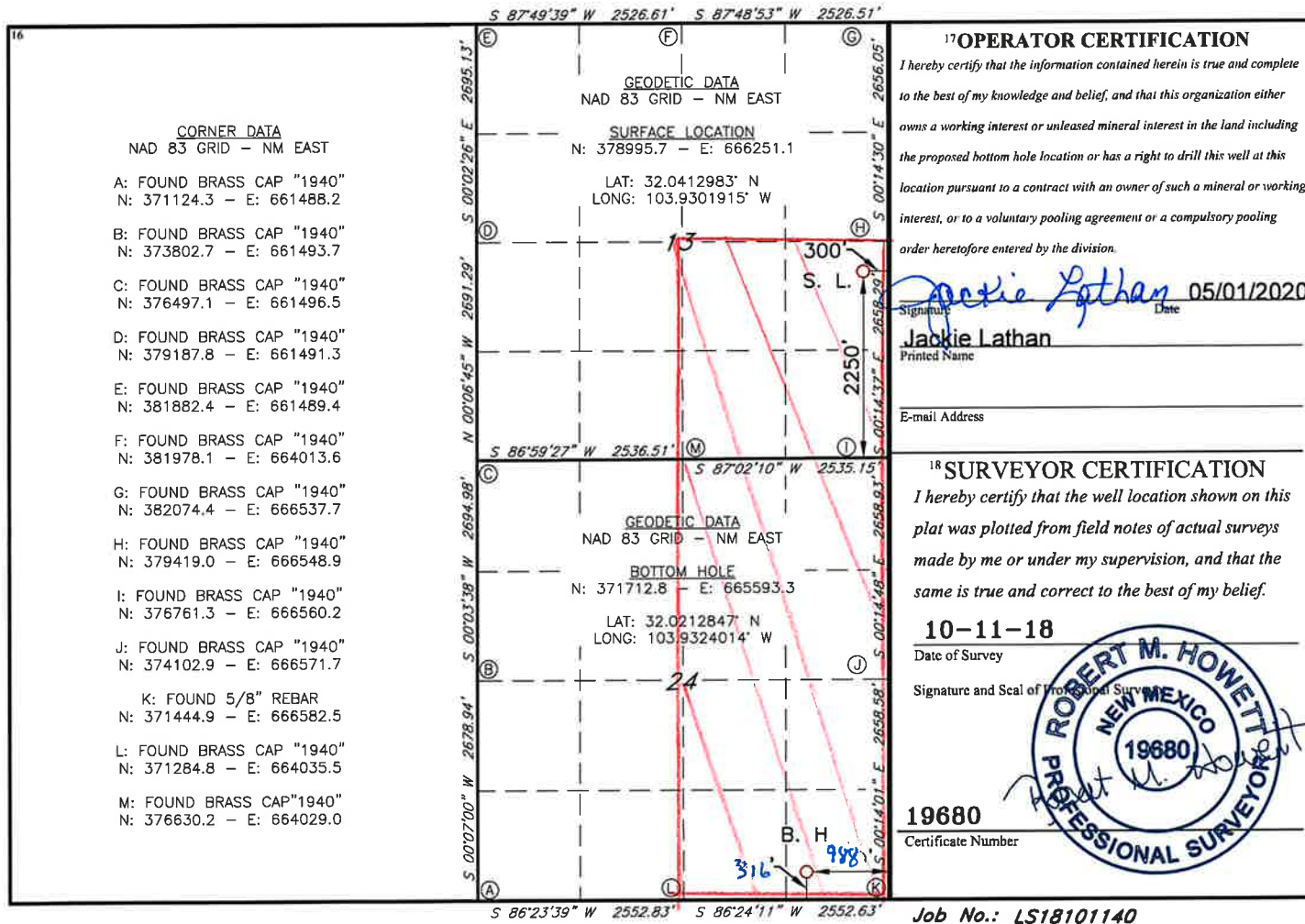
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
I	13	26S	29E		2250	SOUTH	300	EAST	EDDY

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	24	26S	29E		316	SOUTH	498	EAST	EDDY

¹² Dedicated Acres 480	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.



Intent ☐ As Drilled ☒

API # 30-015-46409		
Operator Name: Mewbourne Oil Company	Property Name: Fuller 13/24 W1IP Fed Com	Well Number #2H

Kick Off Point (KOP)

UL	Section 13	Township 26S	Range 24E	Lot	Feet 2579	From N/S S	Feet 957	From E/W E	County Edley
Latitude 32.0421232					Longitude -103.9323041				NAD 83

First Take Point (FTP)

UL	Section 13	Township 26S	Range 24E	Lot	Feet 2170	From N/S S	Feet 991	From E/W E	County Edley
Latitude 32.0409922					Longitude -103.9323915				NAD 83

Last Take Point (LTP)

UL P	Section 14	Township 26S	Range 24E	Lot	Feet 357	From N/S S	Feet 998	From E/W E	County Edley
Latitude 32.0213607					Longitude -103.9323995				NAD 83

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

Is this well an infill well? ☒

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

API # 30-015-46413		
Operator Name: Mewbourne Oil Co	Property Name: Fuller 13/24 W1IP Fed Com	Well Number #1H

KZ 06/29/2018

Schlumberger Plan vs Actual Newbourne Oil Company

Borehole:

Fuller 13-24 W1IP Fed Com #2H

Well:

Fuller 13-24 W1IP Fed Com #2H

Field:

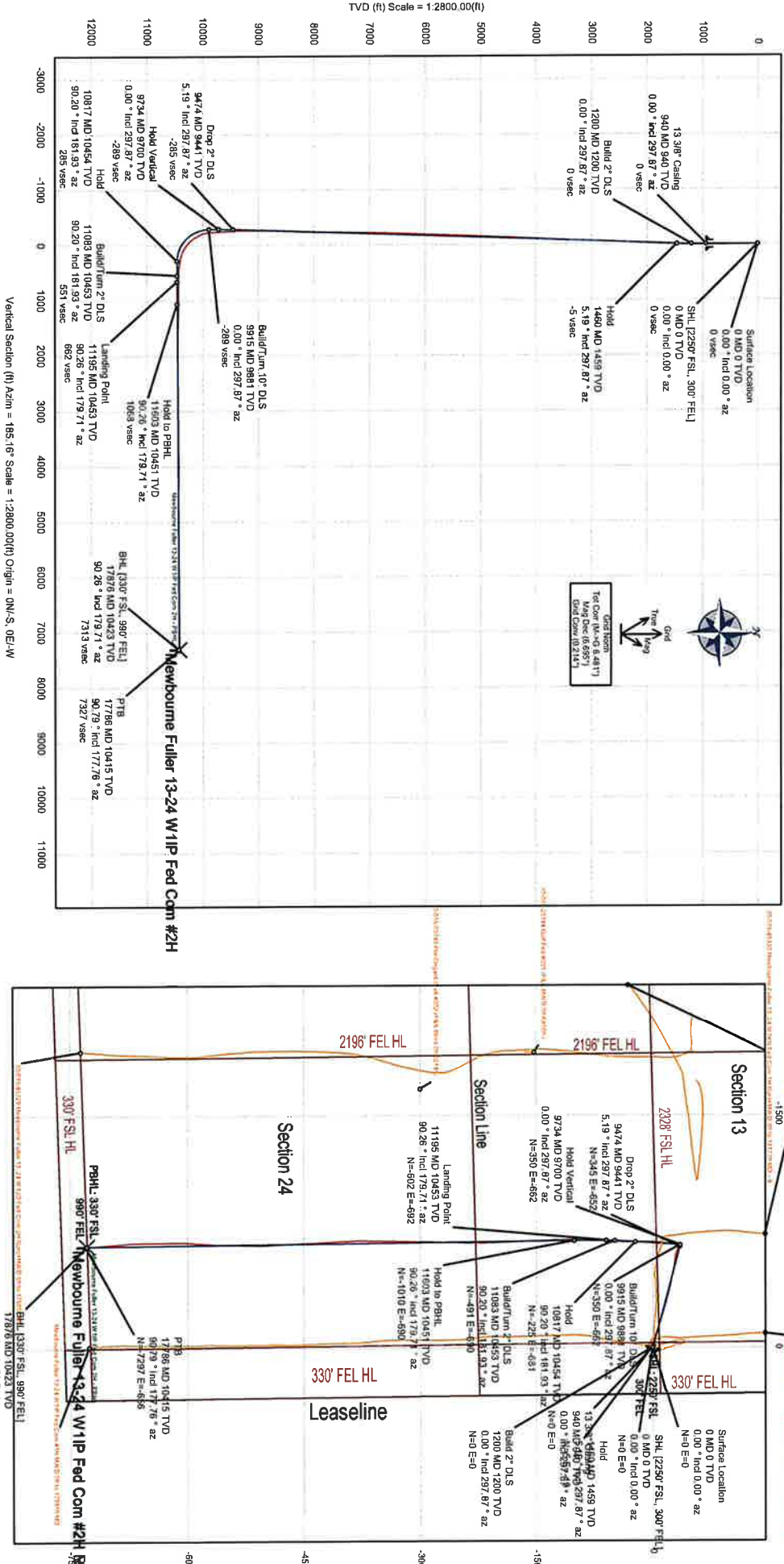
NM Eddy County (NAD 83)

Structure:

Newbourne Fuller 13-24 W1IP Fed Com #2H

Gravity & Magnetic Parameters		Date:		Surface Location		Miscellaneous	
Model:	HGM 2019	Dip:	59.64°	Lat:	N 32.2 28.67	Spot:	1324 W1IP
MagnDec:	6.895°	F3:	47723.96NT	Long:	W 103.55 48.69	Plan:	Fed Com #2H
		Gravity F3:	998.444mgals (9.80665 Based)	Easting:	66651.11NUS	TVD Ref:	
				Scale Fact:	0.999925986	Newbourne Fuller 13-24 W1IP Fed Com #2H MWD On to Update	
						RK3(304R above MSL)	

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
Surface Location	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PTB	17786.00	90.79	177.76	10415.35	7326.66	-7297.27	-655.58	0.00



Mewbourne Fuller 13-24 W1IP Fed Com #2H MWD 0ft to Update Survey Report (Non-Def Survey)

Report Date: February 18, 2020 - 06:23 PM Client: Mewbourne Oil Company Field: NM Eddy County (NAD 83) Structure / Slot: Mewbourne Fuller 13-24 W1IP Fed Com #2H / Fuller 13/24 W1IP Fed Com #2H Well: Fuller 13-24 W1IP Fed Com #2H Borehole: Fuller 13-24 W1IP Fed Com #2H UWI / API#: Unknown / Unknown Survey Name: Mewbourne Fuller 13-24 W1IP Fed Com #2H MWD 0ft to Update Survey Date: January 30, 2020 Tort / AHD / DDI / ERD Ratio: 191.856 ° / 8368.626 ft / 6.437 / 0.801 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet Location Lat / Long: N 32° 2' 28.67358", W 103° 55' 48.68899" Location Grid N/E Y/X: N 378995.700 ftUS, E 666251.100 ftUS CRS Grid Convergence Angle: 0.2139 ° Grid Scale Factor: 0.99992696 Version / Patch: 2.10.760.0	Survey / DLS Computation: Minimum Curvature / Lubinski Vertical Section Azimuth: 185.160 ° (Grid North) Vertical Section Origin: 0.000 ft, 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 3043.000 ft above MSL Seabed / Ground Elevation: 3015.000 ft above MSL Magnetic Declination: 6.695 ° Total Gravity Field Strength: 998.4439mgn (9.80665 Based) Gravity Model: GARM Total Magnetic Field Strength: 47723.960 nT Magnetic Dip Angle: 59.640 ° Declination Date: January 30, 2020 Magnetic Declination Model: HDGM 2019 North Reference: Grid North Grid Convergence Used: 0.2139 ° Total Corr Mag North->Grid North: 6.4808 ° Local Coord Referenced To: Wall Head
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Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (N/S ft)	EW (E/W ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
Surface Location	0.00	0.00	0.00	0.00	0.00	N 0.00	E 0.00	0.00	0.00	N/A	196.86M
	151.00	0.40	196.86	151.00	0.52	S 0.50	W 0.15	0.53	196.86	0.26	148.86M
	217.00	0.70	148.86	217.00	1.07	S 1.07	W 0.01	1.07	180.60	0.79	146.86M
	276.00	0.90	146.86	275.99	1.72	S 1.77	E 0.43	1.82	166.37	0.34	149.86M
	336.00	0.80	149.86	335.98	2.43	S 2.52	E 0.90	2.68	160.44	0.18	159.86M
	395.00	0.90	159.86	394.98	3.19	S 3.31	E 1.26	3.55	159.14	0.30	166.86M
	455.00	0.90	166.86	454.97	4.06	S 4.22	E 1.53	4.49	160.03	0.18	171.86M
	514.00	0.80	171.86	513.96	4.90	S 5.07	E 1.70	5.35	161.52	0.21	216.86M
	574.00	0.70	216.86	573.96	5.62	S 5.78	E 1.54	5.98	165.13	0.97	230.86M
	632.00	0.90	230.86	631.95	6.24	S 6.35	E 0.97	6.43	171.32	0.48	237.86M
	691.00	0.90	237.86	690.95	6.85	S 6.89	E 0.22	6.90	178.19	0.19	270.86M
	818.00	0.80	270.86	817.94	7.50	S 7.41	W 1.29	7.52	189.88	0.40	306.86M
	975.00	0.90	306.86	974.92	6.91	S 6.86	W 3.10	7.35	204.96	0.35	324.86M
	1117.00	0.79	324.98	1116.91	5.58	S 5.19	W 4.55	6.91	221.26	0.20	0.67M
	1212.00	0.79	0.67	1211.90	4.43	S 4.00	W 4.92	6.34	230.91	0.51	294.03M
	1307.00	2.10	294.03	1306.87	3.21	S 2.64	W 6.50	7.02	247.94	2.03	294.69M
	1496.00	7.18	294.69	1495.19	-1.86	N 3.71	W 20.41	20.74	280.31	2.69	292.01M
	1591.00	7.55	292.01	1589.41	-5.66	N 8.53	W 31.59	32.72	285.11	0.53	294.33M
	1685.00	7.53	294.33	1682.59	-9.47	N 13.38	W 42.93	44.96	287.32	0.32	290.71M
	1780.00	6.89	290.71	1776.84	-13.04	N 17.96	W 53.93	56.84	288.42	0.83	304.29M
	1969.00	4.92	304.29	1964.84	-20.03	N 26.54	W 71.23	76.01	290.43	1.27	310.63M
	2064.00	4.78	310.63	2059.50	-24.31	N 31.41	W 77.60	83.72	292.04	0.58	309.49M
	2159.00	4.98	309.49	2154.16	-28.93	N 36.61	W 83.79	91.44	293.80	0.23	307.85M
	2253.00	4.85	307.85	2247.81	-33.36	N 41.63	W 90.08	99.24	294.81	0.22	308.07M
	2348.00	5.00	308.07	2342.46	-37.77	N 46.64	W 96.52	107.20	295.79	0.16	304.27M
	2443.00	5.40	304.27	2437.07	-42.19	N 51.71	W 103.47	115.67	296.55	0.56	301.3M
	2537.00	5.15	301.30	2530.67	-46.20	N 56.39	W 110.73	124.27	296.99	0.39	302.62M
	2726.00	4.82	302.62	2718.96	-53.60	N 65.08	W 124.67	140.63	297.57	0.18	303.53M
	2821.00	5.02	303.53	2813.61	-57.42	N 69.53	W 131.50	148.75	297.87	0.23	303.78M
	2916.00	4.52	303.78	2908.28	-61.19	N 73.90	W 138.07	156.61	298.16	0.53	300.26M
	3010.00	3.68	300.26	3002.03	-64.24	N 77.48	W 143.76	163.31	298.32	0.93	296.41M
	3106.00	4.89	296.41	3097.76	-67.03	N 80.86	W 150.08	170.48	298.31	1.29	297.57M
	3181.00	5.40	297.57	3172.46	-69.53	N 83.91	W 156.07	177.20	298.26	0.69	298.34M
	3236.00	5.98	298.34	3227.19	-71.65	N 86.47	W 160.89	182.65	298.26	1.06	299.72M
	3330.00	5.72	299.72	3320.70	-75.52	N 91.12	W 169.27	192.23	298.29	0.31	300.52M
	3425.00	5.93	300.52	3415.21	-79.59	N 95.95	W 177.61	201.87	298.38	0.24	301.37M
	3520.00	5.97	301.37	3509.70	-83.88	N 101.02	W 186.05	211.71	298.50	0.10	300.48M
	3614.00	5.85	300.48	3603.20	-88.08	N 105.99	W 194.35	221.38	298.61	0.16	301.1M
	3709.00	6.11	301.10	3697.69	-92.37	N 111.06	W 202.86	231.27	298.70	0.28	303.73M
	3804.00	6.11	303.73	3792.14	-97.00	N 116.48	W 211.39	241.36	298.86	0.29	302.96M
	3898.00	5.92	302.96	3885.63	-101.65	N 121.89	W 219.62	251.18	299.03	0.22	299.88M
	4088.00	6.15	299.88	4074.57	-110.47	N 132.30	W 236.66	271.13	299.21	0.21	299.36M
	4182.00	5.98	299.36	4168.05	-114.59	N 137.20	W 245.30	281.06	299.22	0.19	299.4M
	4371.00	5.88	299.40	4356.04	-122.60	N 146.78	W 262.31	300.59	299.23	0.05	299.16M
	4655.00	6.08	299.16	4638.49	-134.69	N 161.25	W 288.12	330.18	299.23	0.07	296.94M
	4749.00	6.18	296.94	4731.95	-138.59	N 165.97	W 296.98	340.21	299.20	0.27	298.4M
	4844.00	6.36	298.40	4826.38	-142.56	N 170.79	W 306.16	350.58	299.15	0.25	297.38M
	4938.00	6.31	297.38	4919.81	-146.57	N 175.64	W 315.33	360.95	299.12	0.13	298.17M
	5033.00	6.31	298.17	5014.23	-150.59	N 180.51	W 324.57	371.39	299.08	0.09	296.85M
	5127.00	6.24	296.85	5107.67	-154.49	N 185.25	W 333.68	381.86	299.04	0.17	297.09M
	5222.00	6.52	297.09	5202.08	-158.42	N 190.04	W 343.09	392.21	298.98	0.30	295.8M
	5317.00	6.48	295.80	5296.47	-162.32	N 194.83	W 352.72	402.95	298.92	0.16	295.12M
	5412.00	6.55	295.12	5390.86	-166.06	N 199.47	W 362.45	413.71	298.83	0.11	295.81M
	5506.00	6.47	295.81	5484.25	-169.76	N 204.05	W 372.07	424.35	298.74	0.12	297.67M
	5601.00	6.51	297.67	5578.64	-173.72	N 208.90	W 381.65	435.08	298.69	0.25	295.57M
	5695.00	6.40	295.57	5672.05	-177.61	N 213.65	W 391.09	445.64	298.65	0.30	293.99M
	5790.00	6.46	293.99	5766.45	-181.18	N 218.11	W 400.75	456.25	298.56	0.20	293.84M
	5884.00	6.68	293.84	5859.83	-184.64	N 222.47	W 410.58	466.97	298.45	0.23	292.72M
	5979.00	6.41	292.72	5954.21	-188.01	N 226.75	W 420.52	477.76	298.33	0.31	293.86M
	6074.00	6.69	293.86	6048.59	-191.38	N 231.03	W 430.48	488.56	298.22	0.32	292.31M
	6168.00	6.51	292.31	6141.97	-194.71	N 235.27	W 440.41	499.32	298.11	0.27	293.18M
	6263.00	6.56	293.18	6236.35	-197.97	N 239.45	W 450.38	510.08	298.00	0.12	294.55M
	6357.00	6.32	294.55	6329.76	-201.35	N 243.71	W 460.03	520.80	297.91	0.30	291.48M
	6452.00	6.13	291.48	6424.20	-204.61	N 247.74	W 469.50	530.86	297.82	0.40	291.78M
	6547.00	5.87	291.78	6518.68	-207.33	N 251.40	W 478.73	540.73	297.71	0.28	292.6M
	6641.00	6.08	292.60	6612.17	-210.20	N 255.10	W 487.79	550.47	297.61	0.24	293.33M

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (N/S ft)	EW (E/W ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	6737.00	5.62	293.33	6707.67	-213.19	N 258.92	W 496.80	560.22	297.53	0.49	291.29M
	6832.00	5.63	291.29	6802.21	-215.93	N 262.45	W 505.42	569.50	297.44	0.21	288.18M
	6927.00	5.63	288.18	6896.75	-218.28	N 265.60	W 514.19	578.73	297.32	0.32	287.91M
	7021.00	5.28	287.91	6990.33	-220.27	N 268.37	W 522.68	587.55	297.18	0.37	282.03M
	7116.00	4.85	282.03	7084.96	-221.71	N 270.55	W 530.77	595.74	297.01	0.71	285.61M
	7211.00	4.51	285.61	7179.64	-222.87	N 272.39	W 538.29	603.29	296.84	0.47	292.61M
	7306.00	4.19	292.61	7274.37	-224.59	N 274.73	W 545.10	610.41	296.75	0.65	286.55M
	7400.00	4.33	286.55	7368.11	-226.32	N 277.06	W 551.67	617.33	296.67	0.50	283.65M
	7494.00	4.22	283.65	7461.85	-227.53	N 278.89	W 558.43	624.20	296.54	0.26	282.41M
	7589.00	3.76	282.41	7556.62	-228.44	N 280.38	W 564.87	630.63	296.40	0.49	284.25M
	7683.00	3.41	284.25	7650.43	-229.27	N 281.73	W 570.59	636.35	296.28	0.39	286.02M
	7778.00	3.23	286.02	7745.27	-230.22	N 283.16	W 575.90	641.75	296.18	0.22	278.9M
	7872.00	3.09	278.90	7839.13	-230.89	N 284.29	W 580.95	646.78	296.07	0.44	290.3M
	7967.00	3.94	290.30	7933.95	-231.91	N 285.82	W 586.54	652.47	295.98	1.15	288.15M
	8062.00	4.04	288.15	8028.72	-233.51	N 287.99	W 592.78	659.03	295.91	0.19	286.99M
	8156.00	3.75	286.99	8122.50	-234.89	N 289.92	W 598.87	665.35	295.83	0.32	301.61M
	8250.00	5.13	301.61	8216.22	-237.39	N 293.02	W 605.38	672.57	295.83	1.89	303.14M
	8345.00	5.13	303.14	8310.84	-241.27	N 297.57	W 612.56	681.01	295.91	0.14	307.83M
	8440.00	4.28	307.83	8405.52	-245.18	N 302.07	W 618.91	688.69	296.02	0.98	308.37M
	8534.00	4.03	308.37	8499.28	-248.88	N 306.27	W 624.27	695.36	296.13	0.27	312.53M
	8629.00	3.65	312.53	8594.06	-252.54	N 310.38	W 629.12	701.52	296.26	0.50	311.63M
	8723.00	3.27	311.63	8687.89	-255.95	N 314.19	W 633.33	706.98	296.39	0.41	316.66M
	8818.00	2.81	316.66	8782.76	-259.11	N 317.68	W 636.95	711.78	296.51	0.56	317M
	8912.00	2.06	317.00	8876.67	-261.76	N 320.59	W 639.69	715.53	296.62	0.80	307.74M
	9007.00	1.90	307.74	8971.61	-263.75	N 322.81	W 642.10	718.67	296.69	0.38	290.35M
	9101.00	1.49	290.35	9065.57	-264.91	N 324.18	W 644.47	721.42	296.70	0.70	264.1M
	9196.00	1.71	264.10	9160.54	-264.96	N 324.47	W 647.04	723.84	296.63	0.80	198.42M
	9290.00	2.66	198.42	9254.48	-262.57	N 322.25	W 649.13	724.72	296.40	2.66	193.99M
	9385.00	2.53	193.99	9349.38	-258.35	N 318.13	W 650.33	723.97	296.07	0.25	191.18M
	9479.00	3.18	191.18	9443.27	-253.71	N 313.56	W 651.34	722.88	295.71	0.71	190.13M
	9574.00	2.90	190.13	9538.13	-248.69	N 308.61	W 652.27	721.59	295.32	0.30	197.86M
	9669.00	2.64	197.86	9633.02	-244.16	N 304.16	W 653.36	720.69	294.96	0.48	200.35M
	9763.00	2.47	200.35	9728.93	-240.10	N 300.20	W 654.73	720.27	294.63	0.22	203.03M
	9826.00	2.46	203.03	9789.87	-237.50	N 297.68	W 655.73	720.14	294.42	0.18	197.67M
	9891.00	3.56	197.67	9854.78	-234.20	N 294.47	W 656.89	719.88	294.15	1.74	202M
	9944.00	7.99	202.00	9907.50	-229.07	N 289.49	W 658.77	719.57	293.72	8.39	194.65M
	9985.00	13.12	194.65	9947.79	-221.75	N 282.34	W 661.02	718.79	293.13	12.91	14.94L
	10080.00	24.00	187.65	10037.73	-191.72	N 252.67	W 666.33	712.63	290.77	11.67	20.82L
	10175.00	30.44	182.89	10122.17	-148.32	N 209.43	W 670.12	702.09	287.36	7.15	2.16R
	10269.00	40.69	183.48	10198.54	-93.75	N 154.92	W 673.19	690.79	282.96	10.91	2.42R
	10364.00	49.95	183.99	10265.26	-26.29	N 87.59	W 677.61	683.25	277.37	9.75	16.19L
	10458.00	59.14	180.91	10319.74	50.09	N 11.18	W 680.76	680.86	270.94	10.13	6.03L
	10553.00	68.05	179.90	10361.94	134.79	S 73.82	W 681.34	685.32	263.82	9.43	0.3R
	10647.00	77.34	179.95	10389.67	224.07	S 163.46	W 681.22	700.56	256.51	9.88	12.75R
	10673.00	79.12	180.36	10395.18	249.42	S 188.92	W 681.29	707.00	254.50	7.02	33.04L
	10775.00	80.41	179.51	10413.30	349.38	S 289.29	W 681.17	740.06	246.99	1.51	10.63R
	10870.00	85.14	180.40	10425.25	443.21	S 383.51	W 681.10	781.65	240.62	5.06	48.67R
	10964.00	87.73	183.34	10431.09	536.85	S 477.26	W 684.17	834.18	235.10	4.16	44.45L
	11059.00	90.24	180.88	10432.78	631.69	S 572.16	W 687.66	894.57	230.24	3.70	164.93L
	11153.00	89.72	180.74	10432.81	725.42	S 666.15	W 688.99	958.37	225.97	0.57	37.24L
	11248.00	89.97	180.55	10433.07	820.12	S 761.15	W 690.06	1027.39	222.20	0.33	90R
	11342.00	89.97	180.67	10433.11	913.83	S 855.14	W 691.06	1099.47	218.94	0.13	90R
	11437.00	89.97	183.20	10433.16	1008.67	S 950.08	W 694.27	1176.72	216.16	2.66	99.21L
	11531.00	89.55	180.61	10433.56	1102.51	S 1044.02	W 697.39	1255.52	213.74	2.79	104.76L
	11626.00	89.00	178.52	10434.76	1197.04	S 1139.00	W 696.67	1335.17	211.45	2.27	129.48R
	11720.00	88.86	178.69	10436.52	1290.41	S 1232.96	W 694.38	1415.05	209.39	0.23	146.32R
	11815.00	88.80	178.73	10438.46	1384.79	S 1327.91	W 692.25	1497.52	207.53	0.08	81.3R
	12004.00	88.97	179.84	10442.13	1572.76	S 1516.86	W 689.89	1666.38	204.46	0.59	48.05L
	12098.00	89.86	178.85	10443.09	1666.27	S 1610.85	W 688.81	1751.94	203.15	1.42	115.91L
	12193.00	89.69	178.50	10443.47	1760.66	S 1705.82	W 686.62	1838.82	201.93	0.41	90R
	12287.00	89.69	178.51	10443.97	1854.03	S 1799.79	W 684.16	1925.44	200.81	0.01	90R
	12382.00	89.69	178.88	10444.49	1948.42	S 1894.76	W 682.00	2013.76	199.80	0.39	53.13R
	12476.00	89.72	178.92	10444.97	2041.86	S 1988.74	W 680.20	2101.85	198.88	0.05	51.12L
	12571.00	89.87	178.61	10445.23	2136.27	S 2083.72	W 678.15	2191.30	198.03	0.42	66.84R
	12665.00	90.62	180.13	10444.75	2229.78	S 2177.71	W 677.12	2280.55	197.27	1.76	173.29L
	12760.00	90.45	180.11	10443.86	2324.41	S 2272.71	W 677.31	2371.49	196.60	0.18	99.46R
	12854.00	90.38	180.53	10443.18	2418.07	S 2366.70	W 677.84	2461.86	195.98	0.45	66.46R
	12949.00	90.65	181.15	10442.32	2512.80	S 2461.69	W 679.23	2553.68	195.43	0.71	103.53L
	13044.00	90.52	180.61	10441.35	2607.53	S 2556.67	W 680.69	2645.73	194.91	0.58	144.16L
	13139.00	90.34	180.48	10440.64	2702.22	S 2651.66	W 681.59	2737.86	194.42	0.23	97.12R
	13233.00	90.28	180.96	10440.13	2795.93	S 2745.65	W 682.78	2829.28	193.96	0.51	90.91L
	13328.00	90.27	180.33	10439.68	2890.64	S 2840.65	W 683.65	2921.80	193.54	0.66	4.33L
	13423.00	90.93	180.28	10438.68	2985.29	S 2935.64	W 684.35	3014.35	193.12	0.70	152.61R
	13517.00	90.10	180.71	10437.84	3078.98	S 3029.63	W 685.16	3106.14	192.74	0.99	30.96R
	13612.00	90.65	181.04	10437.21	3173.71	S 3124.62	W 686.61	3199.17	192.39	0.68	128.45L
	13707.00	90.38	180.70	10436.36	3268.44	S 3219.60	W 688.06	3292.30	192.06	0.46	109.03L
	13801.00	90.28	180.41	10435.82	3362.13	S 3313.60	W 688.97	3384.46	191.75	0.33	4.24L
	13896.00	90.55	180.39	10435.13	3456.80	S 3408.59	W 689.63	3477.66	191.44	0.28	151.07R
	13990.00	90.17	180.60	10434.54	3550.49	S 3502.59	W 690.44	3569.99	191.15	0.46	20.55L
	14085.00	90.65	180.42	10433.86	3645.17	S 3597.58	W 691.29	3663.39	190.88	0.54	63.43R
	14180.00	90.72	180.56	10432.73	3739.85	S 3692.57	W 692.10	3756.87	190.62	0.16	132.84L
	14275.00	90.21	180.01	10431.95	3834.50	S 3787.56	W 692.57	3850.36	190.36	0.79	99.57L
	14369.00	89.93	178.35	10431.84	3927.99	S 3881.55	W 691.23	3942.62	190.10	1.79	90R
	14464.00	89.93	178.68	10431.96	4022.35	S 3976.52	W 688.77	4035.73	189.83	0.35	60.95L
	14558.00	90.03	178.50	10431.99	4115.73	S 4070.49	W 686.45	4127.97	189.57	0.22	162.07R
	14748.00	89.69	178.61	10432.45	4304.47	S 4260.43	W 681.66	4314.62	189.09	0.19	27.3L
	14842.00	90.00	178.45	10432.71	4397.84	S 4354.40	W 679.25	4407.06	188.87	0.37	122.47R
	14937.00	89.72	178.89	10432.94	4492.23	S 4449.37	W 677.04	4500.59	188.65	0.55	24.9L
	15032.00	90.28	178.63	10432.94	4586.64	S 4544.35	W 674.99	4594.20	188.45	0.65	119.05R
	15126.00	90.03	179.08	10432.68	4680.07	S 4638.33	W 673.11	4686.92	188.26	0.55	110.32L
	15221.00	89.83	178.54	10432.80	4774.49	S 4733.31	W 671.14	4780.65	188.07	0.61	4.06L

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (N/S ft)	EW (E/W ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	15978.00	90.52	180.59	10430.97	5527.82	S 5490.16	W 686.13	5530.42	186.92	2.51	127.79R
	16072.00	90.14	181.08	10430.43	5621.55	S 5584.15	W 667.50	5623.90	186.82	0.86	59.65R
	16150.00	91.17	182.84	10429.54	5699.42	S 5662.09	W 670.17	5701.62	186.75	2.61	117.28L
	16244.00	90.52	181.58	10428.15	5793.28	S 5756.01	W 673.79	5795.31	186.68	1.51	46.63R
	16344.00	90.69	181.76	10427.09	5893.09	S 5855.96	W 676.71	5894.93	186.59	0.25	149.9R
	16438.00	90.00	182.16	10426.53	5986.94	S 5949.90	W 679.92	5988.63	186.52	0.85	93.54L
	16533.00	89.93	181.03	10426.58	6081.76	S 6044.87	W 682.56	6083.28	186.44	1.19	95.2L
	16627.00	89.86	180.26	10426.76	6175.46	S 6138.86	W 683.62	6176.81	186.35	0.82	109.66L
	16722.00	89.21	178.44	10427.53	6269.97	S 6233.85	W 682.54	6271.10	186.25	2.03	42.8R
	16816.00	90.83	179.94	10427.50	6363.45	S 6327.83	W 681.22	6364.39	186.14	2.35	70.71R
	16911.00	90.90	180.14	10426.06	6458.06	S 6422.82	W 681.28	6458.85	186.05	0.22	109.29L
	17005.00	90.76	179.74	10424.70	6551.66	S 6516.81	W 681.18	6552.31	185.97	0.45	135L
	17100.00	90.72	179.70	10423.47	6646.23	S 6611.80	W 680.72	6646.75	185.88	0.06	87.82L
	17194.00	90.79	177.85	10422.23	6739.63	S 6705.77	W 678.71	6740.03	185.78	1.97	138.37L
	17289.00	90.52	177.61	10421.15	6833.83	S 6800.89	W 674.95	6834.10	185.67	0.38	67.38R
	17384.00	90.72	178.09	10420.12	6928.05	S 6895.61	W 671.38	6928.22	185.56	0.55	102.42L
	17479.00	90.59	177.50	10419.03	7022.26	S 6990.54	W 667.73	7022.35	185.46	0.64	78.69R
	17573.00	90.62	177.65	10418.04	7115.43	S 7084.45	W 663.75	7115.47	185.35	0.16	69.67R
	17668.00	90.72	177.92	10416.93	7209.64	S 7179.37	W 660.08	7209.65	185.25	0.30	66.37L
	17744.00	90.79	177.76	10415.93	7285.01	S 7255.31	W 657.22	7285.01	185.18	0.23	HS
PTB	17786.00	90.79	177.76	10415.35	7326.66	S 7297.27	W 655.58	7326.66	185.13	0.00	

Survey Type: Non-Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	28.000	1/98.425	30.000	30.000	NAL_MWD_1.0_DEG-Depth Only	Fuller 13-24 W11P Fed Com #2H / Mewbourne Fuller 13-24 W11P Fed Com #2H MWD 0ft to Update
	1	28.000	28.000	Act Stns	30.000	30.000	NAL_MWD_1.0_DEG-Depth Only	Fuller 13-24 W11P Fed Com #2H / Mewbourne Fuller 13-24 W11P Fed Com #2H MWD 0ft to Update
	1	28.000	17786.000	Act Stns	30.000	30.000	NAL_MWD_1.0_DEG	Fuller 13-24 W11P Fed Com #2H / Mewbourne Fuller 13-24 W11P

Oilfield Services. Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

February 28, 2020

MEWBOURNE OIL COMPANY
PO Box 5270
Hobbs, NM 88240

Re:

S13, T26S, R29E Eddy, NM
N 32.0412991 W -103.9301917

CLIENT: MEWBOURNE OIL COMPANY
WELL: FULLER 13/24 W1IP FED COM 2H
FIELD: PURPLE SAGE WOLFCAMP GAS

RIG: Patterson # 560
COUNTY: Eddy
API NO: 30-015-46409
JOB NO: 20MLE0585

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Alexander Camacho FS	FULLER 13/24 W1IP FED COM 2H Original Hole	1117.00 Ft to 17744.00 Ft	February 2, 2020 to February 18, 2020	TelePacer SlimPulse

Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

Well Reference:
S13, T26S, R29E Eddy, NM
N 32.0412991 W -103.9301917

I, Alexander Camacho certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of February 02, 2020 through February 18, 2020, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 1117.00 feet to a depth of 17744.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of MEWBOURNE OIL COMPANY for the FULLER 13/24 WIIP FED COM 2H Well (Original Hole) API No. 30-015-46409 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Alexander Camacho
FS

Alexander Camacho

Subscribed and Sworn to before me this 28 day of February (month) 2020 (yr)

My Commission expires:

6/14/23

Jean-Paul Langlois

(signature)

Notary Public

Comanche, Oklahoma
(County State)

