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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: 5/27/2020
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46410	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 326232	⁵ Property Name FULLER 13/12 WIHA FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 2H
		⁹ Elevation 3014'

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	360	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
A	12	26S	29E		315	NORTH	934	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.

¹⁶ CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1940" N: 376497.1 - E: 661496.5 B: FOUND BRASS CAP "1940" N: 379187.8 - E: 661491.3 C: FOUND BRASS CAP "1940" N: 381882.4 - E: 661489.4 D: FOUND BRASS CAP "1940" N: 387281.8 - E: 661486.2 E: FOUND 1/2" REBAR N: 387392.8 - E: 666515.9 F: FOUND BRASS CAP "1940" N: 384735.7 - E: 666527.5 G: FOUND BRASS CAP "1940" N: 382074.4 - E: 666537.7 H: FOUND BRASS CAP "1940" N: 379419.0 - E: 666548.9 I: FOUND BRASS CAP "1940" N: 376761.3 - E: 666560.2 J: FOUND BRASS CAP "1940" N: 376630.2 - E: 664029.0 K: FOUND BRASS CAP "1940" N: 381978.1 - E: 664013.6	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: <i>Jackie Lathan</i> Date: 04/29/2020 Printed Name: Jackie Lathan 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. 10-11-18 Date of Survey Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> 19680 Certificate Number

Job No.: LS18101138

Intent ☐ As Drilled ☒

API #
30-015-46410

Operator Name:
Mewbourne Oil Company

Property Name:
Fuller 13/12 W1HA Fed Com

Well Number
#2H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	13	265	29E		2400	S	1011	W	Eddy
Latitude					Longitude				NAD
32.6416222					-103.9324833				83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	13	265	29E		2294	N	1046	E	Eddy
Latitude					Longitude				NAD
32.6433500					-103.9325892				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	13	265	29E		371	N	934	E	Eddy
Latitude					Longitude				NAD
32.0632058					-103.9322683				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 #
30-015-46409

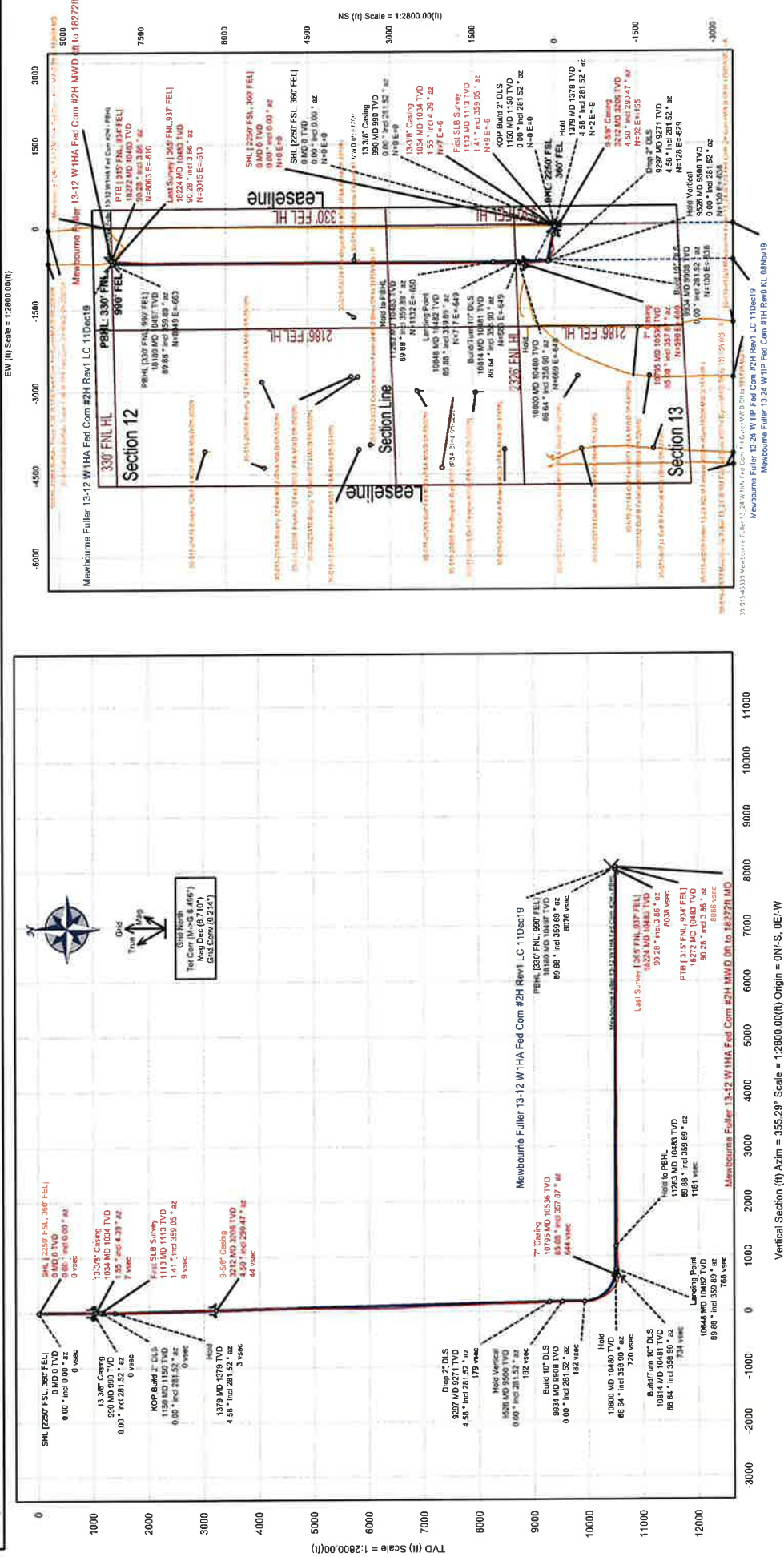
Operator Name:
Mewbourne Oil Co

Property Name:
Fuller 13/12 W1HA Fed Com

Well Number
1H

KZ 06/29/2018

Borehole:				Well:				Fuller 13-12 W1HA Fed Com #2H				Field:				NM Eddy County (NAD 83)				Structure:				Mewbourne Fuller 13-12 W1HA Fed Com #2H							
Gravity & Magnetic Parameters								Surface Location								Miscellaneous															
Model: HDGM 2019				Date: 08-Dec-2019				Lat: N 32 2 28.65				Nothing: 378992.6RUS				Grid Conv: US Feet				Slot: KB(3042H above MSL)				TVD Ref: KB(3042H above MSL)							
MagDec: 6.71°				Gravity FS: 47739.399NT				Lon: W 103 55 49.39				Eastings: 686191.2RUS				Scale Fact: 0.99992694				Plan: Mewbourne Fuller 13-12 W1HA Fed Com #2H Rev1 LC 11Dec19											
Critical Point								Critical Point																							
MD				INCL				AZIM				TVD				VSEC				N(°)ISK(°)				E(°)JWK(°)				DLS			
SHL [2250° FSL, 360° FEL]				0.00				0.00				0.00				0.00				0.00				0.00				0.00			
13 3/8" Casing				990.00				0.00				281.52				990.00				0.00				0.00				0.00			
KOP-Build 2° DLS				1150.00				0.00				281.52				1150.00				0.00				0.00				0.00			
Hold				1379.21				4.58				281.52				1378.96				2.56				1.83				-8.98			
Drop 2° DLS				9296.61				4.58				281.52				9271.04				179.41				128.17				-629.02			
Hold Vertical				9525.82				0.00				281.52				9500.00				181.97				130.00				-638.00			
Build 10° DLS				9934.00				0.00				281.52				9908.18				181.97				130.00				-638.00			
Hold				10800.37				86.64				358.90				10480.16				720.25				669.25				-648.38			
Build/Turn 10° DLS				10814.26				86.64				358.90				10480.97				734.09				683.11				-648.64			
Landing Point				10848.17				89.88				359.89				10482.00				767.89				717.00				-649.00			
Hold to PBHL				11263.12				89.88				359.89				10482.86				1181.51				1131.95				-649.81			
PBHL [330° FNL, 990° FEL]				18180.21				89.88				359.89				10497.00				8076.30				8049.00				-663.45			



Mewbourne Fuller 13-12 W1HA Fed Com #2H MWD 0ft to 18272ft MD

Survey Geodetic Report

(Def Survey)



Report Date: January 09, 2020 - 11:13 AM
Client: Mewbourne Oil Company
Field: NM Eddy County (NAD 83)
Structure / Slot: Mewbourne Fuller 13-12 W1HA Fed Com #2H / Fuller 13/12 W1HA Fed Com #2H
Well: Fuller 13-12 W1HA Fed Com #2H
Borehole: Fuller 13-12 W1HA Fed Com #2H
UWI / APH: Unknown / Unknown
Survey Name: Mewbourne Fuller 13-12 W1HA Fed Com #2H MWD 0ft to 18272R MD
Survey Date: December 09, 2019
Tort / AHD / DDI / ERD Ratio: 231.041' / 9640.997 ft / 6.539 / 0.820
Coordinate Reference System: NAD83 New Mexico State Plane, Eastman Zone, US Feet
Location Lat / Long: N 32° 2' 28.64511", W 103° 55' 49.38505"
Location Grid N/E Y/X: N 378992.600 RUS, E 866191.200 RUS
CRS Grid Convergence Angle: 0.2138°
Grid Scale Factor: 0.99992894
Version / Patch: 2.10.787.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 355.417 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB
TVD Reference Elevation: 3042.000 ft above MSL
Seasbed / Ground Elevation: 3014.000 ft above MSL
Magnetic Declination: 6.710°
Total Gravity Field Strength: 998.4440mgm (g 80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47739.399 nT
Magnetic Dip Angle: 59.845°
Declination Date: December 09, 2019
Magnetic Declination Model: HDGM 2019
North Reference: Grid North
Grid Convergence Used: 0.2138°
Total Corr Mag North->Grid North: 6.4957°
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Surface Location	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	378992.60	866191.20	N 32° 2' 28.65 W 103° 55' 49.39	
13-3/8" Casing	251.00	0.20	263.88	251.00	0.14	0.11	-0.43	0.08	0.44	283.88	378992.71	866190.77	N 32° 2' 28.65 W 103° 55' 49.39	
	351.00	1.00	171.88	350.99	-0.66	-0.72	-0.47	1.09	0.86	213.33	378991.88	866190.73	N 32° 2' 28.64 W 103° 55' 49.39	
	454.00	0.40	105.88	453.98	-1.70	-1.71	0.00	0.89	1.71	179.96	378990.90	866191.20	N 32° 2' 28.63 W 103° 55' 49.39	
	551.00	1.40	274.88	550.98	-1.62	-1.70	-0.85	1.65	1.90	205.71	378990.90	866190.35	N 32° 2' 28.63 W 103° 55' 49.40	
	653.00	1.20	321.88	652.95	-0.42	-0.46	-2.94	0.94	3.01	257.39	378991.94	866188.26	N 32° 2' 28.64 W 103° 55' 49.42	
	732.00	1.30	340.88	731.94	0.94	0.85	-3.84	0.61	3.70	280.12	378993.25	866187.56	N 32° 2' 28.65 W 103° 55' 49.43	
	822.00	1.50	333.88	821.91	3.02	2.67	-4.50	0.29	5.23	300.72	378995.27	866186.70	N 32° 2' 28.67 W 103° 55' 49.44	
	915.00	1.10	311.88	914.89	4.80	4.36	-5.70	0.68	7.17	307.44	378996.96	866185.50	N 32° 2' 28.69 W 103° 55' 49.45	
	1009.00	1.80	5.88	1008.86	6.75	6.27	-6.23	1.39	8.84	315.15	378998.87	866184.97	N 32° 2' 28.71 W 103° 55' 49.46	
	1034.00	1.55	4.39	1033.86	7.42	6.95	-6.17	0.25	9.30	318.41	378999.55	866185.03	N 32° 2' 28.71 W 103° 55' 49.46	
	1113.00	1.41	359.05	1112.83	9.45	8.99	-6.11	0.25	10.87	325.82	379001.59	866185.09	N 32° 2' 28.73 W 103° 55' 49.46	
	1208.00	1.81	293.54	1207.80	11.33	10.76	-7.50	1.67	13.12	325.12	379003.38	866183.70	N 32° 2' 28.76 W 103° 55' 49.47	
	1303.00	3.94	276.03	1302.67	12.63	11.70	-12.12	2.40	16.85	313.99	379004.30	866179.08	N 32° 2' 28.76 W 103° 55' 49.53	
	1396.00	4.53	274.73	1397.42	13.84	12.36	-19.11	0.63	22.75	302.89	379004.95	866172.09	N 32° 2' 28.77 W 103° 55' 49.61	
	1492.00	3.97	268.53	1491.16	14.82	12.58	-26.06	0.77	28.94	295.76	379005.18	866165.14	N 32° 2' 28.77 W 103° 55' 49.69	
	1587.00	3.52	264.95	1585.95	14.77	12.24	-32.25	0.53	34.50	290.78	379004.84	866158.95	N 32° 2' 28.77 W 103° 55' 49.76	
	1681.00	4.43	272.87	1679.73	15.22	12.16	-38.75	1.13	40.82	287.43	379004.76	866152.45	N 32° 2' 28.77 W 103° 55' 49.83	
	1776.00	4.84	276.44	1774.42	16.46	12.80	-46.40	0.53	48.13	285.42	379005.40	866144.80	N 32° 2' 28.77 W 103° 55' 49.92	
	1871.00	4.27	269.24	1869.12	17.47	13.20	-53.92	0.85	55.51	283.76	379005.80	866137.28	N 32° 2' 28.78 W 103° 55' 50.01	
	1965.00	3.87	271.70	1962.88	18.05	13.25	-60.59	0.46	62.02	282.33	379005.85	866130.62	N 32° 2' 28.78 W 103° 55' 50.09	
9-5/8" Casing	2060.00	4.50	278.41	2057.63	19.24	13.89	-67.48	0.84	68.90	281.63	379006.49	866123.72	N 32° 2' 28.79 W 103° 55' 50.17	
	2155.00	4.42	281.74	2152.34	21.10	15.18	-74.75	1.92	76.28	281.48	379007.78	866116.45	N 32° 2' 28.80 W 103° 55' 50.25	
	2249.00	3.86	277.98	2246.10	22.77	16.33	-81.27	0.86	82.89	281.36	379008.93	866109.94	N 32° 2' 28.81 W 103° 55' 50.33	
	2344.00	4.50	278.10	2340.86	24.25	17.28	-87.96	0.88	89.64	281.11	379009.68	866103.24	N 32° 2' 28.82 W 103° 55' 50.41	
	2439.00	4.74	279.28	2435.55	26.01	18.44	-95.53	0.27	97.29	280.92	379011.03	866095.88	N 32° 2' 28.83 W 103° 55' 50.49	
	2533.00	4.13	279.20	2529.27	27.75	19.60	-102.70	0.65	104.55	280.81	379012.20	866088.51	N 32° 2' 28.84 W 103° 55' 50.58	
	2628.00	3.01	281.16	2624.09	29.24	20.63	-108.52	1.19	110.47	280.76	379013.23	866082.88	N 32° 2' 28.85 W 103° 55' 50.66	
	2722.00	5.00	278.51	2717.85	30.84	21.72	-115.00	2.13	117.03	280.69	379014.32	866076.21	N 32° 2' 28.86 W 103° 55' 50.72	
	2817.00	5.78	279.29	2812.43	32.92	23.10	-123.81	0.82	125.95	280.57	379015.70	866067.40	N 32° 2' 28.86 W 103° 55' 50.82	
	2912.00	4.05	280.07	2807.08	34.92	24.46	-131.84	1.82	134.09	280.51	379017.06	866059.37	N 32° 2' 28.89 W 103° 55' 50.92	
	3006.00	4.85	284.75	3000.81	37.02	26.01	-138.79	0.74	141.21	280.61	379018.61	866052.42	N 32° 2' 28.91 W 103° 55' 51.00	
	3102.00	5.14	289.88	3096.46	40.07	28.45	-146.60	0.67	149.34	280.98	379021.05	866044.61	N 32° 2' 28.93 W 103° 55' 51.09	
	3157.00	4.57	290.55	3151.26	42.02	30.05	-150.97	1.04	153.94	281.26	379022.65	866040.24	N 32° 2' 28.95 W 103° 55' 51.14	
	3212.00	4.50	290.47	3206.09	43.86	31.57	-155.05	0.13	158.23	281.51	379024.17	866036.16	N 32° 2' 28.96 W 103° 55' 51.18	
	3250.00	4.45	290.42	3243.97	45.11	32.61	-157.82	0.13	161.16	281.67	379025.21	866033.39	N 32° 2' 28.97 W 103° 55' 51.22	
	3345.00	4.51	288.75	3338.68	48.15	35.09	-164.82	0.15	168.51	282.02	379027.59	866026.40	N 32° 2' 29.00 W 103° 55' 51.30	
	3442.00	4.04	277.79	3435.41	50.39	36.78	-171.81	0.97	175.71	282.08	379028.38	866019.40	N 32° 2' 29.02 W 103° 55' 51.38	
	3537.00	4.32	285.00	3530.16	51.09	38.93	-178.69	1.02	182.47	281.68	379029.52	866012.52	N 32° 2' 29.02 W 103° 55' 51.46	
	3631.00	4.40	288.08	3623.89	51.23	36.50	-185.82	0.26	189.37	281.11	379029.09	866005.39	N 32° 2' 29.01 W 103° 55' 51.54	
	3726.00	4.38	277.19	3718.61	52.14	38.83	-193.06	0.73	196.55	280.80	379029.43	865998.15	N 32° 2' 29.02 W 103° 55' 51.63	
3821.00	4.48	279.29	3813.33	53.77	37.88	-200.32	0.20	203.88	280.71	379030.48	865990.89	N 32° 2' 29.03 W 103° 55' 51.71		
3915.00	4.44	278.75	3907.05	55.49	39.03	-207.54	0.06	211.18	280.65	379031.62	865983.67	N 32° 2' 29.04 W 103° 55' 51.79		
4010.00	4.70	276.04	4001.74	57.05	40.00	-215.05	0.36	218.74	280.54	379032.59	865976.17	N 32° 2' 29.05 W 103° 55' 51.88		
4104.00	5.04	272.85	4095.40	58.30	40.61	-223.00	0.46	226.87	280.32	379033.20	865968.21	N 32° 2' 29.06 W 103° 55' 51.97		
4199.00	5.01	273.57	4190.04	59.42	41.07	-231.31	0.07	234.93	280.07	379033.67	865959.91	N 32° 2' 29.06 W 103° 55' 52.07		
4293.00	5.21	270.15	4283.87	60.36	41.34	-239.68	0.24	243.21	279.79	379033.94	865951.54	N 32° 2' 29.06 W 103° 55' 52.17		
4388.00	5.14	288.08	4378.28	60.93	41.21	-248.26	0.21	251.64	279.43	379033.81	865942.98	N 32° 2' 29.06 W 103° 55' 52.27		
4483.00	5.06	286.86	4472.90	61.21	40.84	-256.68	0.14	259.91	279.04	379033.43	865934.54	N 32° 2' 29.05 W 103° 55' 52.37		
4577.00	5.89	288.44	4566.49	61.55	40.48	-265.48	0.89	268.54	278.67	379033.08	865925.74	N 32° 2' 29.06 W 103° 55' 52.47		
4671.00	6.05	289.84	4660.00	62.19	40.34	-275.09	0.41	276.03	278.34	379032.94	865916.13	N 32° 2' 29.05 W 103° 55' 52.58		
4766.00	5.78	287.07	4754.49	62.72	40.08	-284.87	0.41	287.68	278.01	379032.68	865906.35	N 32° 2' 29.05 W 103° 55' 52.69		
4861.00	5.93	285.78	4848.99	62.89	39.48	-294.54	0.21	297.18	277.63	379032.07	865896.08	N 32° 2' 29.05 W 103° 55' 52.81		
4955.00	5.74	285.29	4942.51	62.91	38.73	-304.07	0.21	306.53	277.26	379031.33	865887.15	N 32° 2' 29.04 W 103° 55' 52.92		
5050.00	5.81	286.34	5037.04	62.89	37.97	-313.43	0.14	315.72	276.91	379030.56	865877.79	N 32° 2' 29.03 W 103° 55' 53.02		
5144.00	5.59	284.67	5130.59	62.82	37.17	-322.57	0.07	324.97	276.57	379029.77	865868.85	N 32° 2' 29.02 W 103° 55' 53.12		
5239.00	5.89	284.62	5225.12	62.70	36.28	-332.03	0.32	334.01	276.24	379028.86	865859.19	N 32° 2' 29.02 W 103° 55' 53.24		
5334.00	5.85	283.61	5319.64	62.47	35.30	-341.53	0.28	343.35	275.90	379027.89	865849.70	N 32° 2' 29.01 W 103° 55' 53.35		
5428.00	5.70	283.18	5413.17	62.14	34.22	-350.76	0.06	352.43	275.57	379026.82	865840.46	N 32° 2' 29.00 W 103° 55' 53.46		
5523.00	5.08	281.48	5507.75	61.66	33.03	-359.61	0.67	361.12	275.25	379025.63	865831.62	N 32° 2' 28.99 W 103° 55' 53.56		
5618.00	4.79	280.88	5602.40	61.06	31.78	-367.68	0.31	369.05	274.94	379024.38	865823.55	N 32° 2' 28.97 W 103° 55' 53.66		
5712.00	4.50	269.59	5696.09	60.38	30.49	-375.18	0.33	376.42	274.65	379023.09	865816.04	N 32° 2' 28.96 W 103° 55' 53.74		
5807.00	4.48	268.52	5790.80	59.55	29.08	-382.49	0.09	383.58	274.35	379021.68	865806.74	N 32° 2' 28.95 W 103° 55' 53.83		
5901.00	4.25	259.76	5894.53	58.53	27.50	-389.30	0.33	390.43	274.04	379020.37	865797.77	N 32° 2' 28.94 W 103° 55' 53.92		
5978.00	4.07	258.58	5988.08	57.49	26.07	-394.65	0.31	395.70	273.77	379018.82	865787.96	N 32° 2' 28.92 W 103° 55' 53.97		
6073.00	4.49	247.44	6056.06	55.65	23.84	-401.51	0.65	402.21	273.37	379016.24	865789.72	N 32° 2' 28.89 W 103° 55' 54.02		

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ° ' '')	Longitude (E/W ° ° ' '')
	8722.00	4.23	292.32	8694.88	160.13	112.11	-605.43	0.12	615.73	280.49	379104.70	665555.81	N 32° 2' 29.78" W 103° 55' 56.41"	
	8817.00	3.46	291.94	8789.86	162.99	114.51	-611.34	0.81	627.07	281.81	379107.10	665579.91	N 32° 2' 29.80" W 103° 55' 56.48"	
	8911.00	3.38	286.10	8883.50	165.24	116.34	-616.63	0.38	627.51	280.68	379108.93	665574.62	N 32° 2' 29.82" W 103° 55' 56.54"	
	9006.00	3.48	283.36	8978.33	167.11	117.78	-622.12	0.20	633.18	280.72	379110.37	665569.12	N 32° 2' 29.83" W 103° 55' 56.61"	
	9100.00	3.48	279.51	9072.15	168.69	118.91	-627.71	0.25	638.88	280.73	379111.50	665563.53	N 32° 2' 29.84" W 103° 55' 56.68"	
	9195.00	2.50	253.57	9167.03	168.96	118.80	-632.55	1.73	643.61	280.64	379111.39	665558.70	N 32° 2' 29.84" W 103° 55' 56.73"	
	9289.00	2.32	248.35	9260.94	167.99	117.52	-636.28	0.30	647.04	280.46	379110.11	665554.97	N 32° 2' 29.83" W 103° 55' 56.77"	
	9384.00	1.43	281.18	9355.89	167.74	117.04	-639.23	1.43	649.86	280.38	379109.63	665552.02	N 32° 2' 29.83" W 103° 55' 56.81"	
	9478.00	1.19	273.08	9449.87	168.19	117.32	-641.36	0.32	652.00	280.37	379109.91	665549.89	N 32° 2' 29.83" W 103° 55' 56.83"	
	9573.00	1.27	261.78	9544.85	168.26	117.22	-643.38	0.27	653.97	280.33	379109.81	665547.87	N 32° 2' 29.83" W 103° 55' 56.85"	
	9668.00	1.20	273.48	9639.83	168.33	117.13	-645.42	0.27	655.96	280.29	379109.72	665545.83	N 32° 2' 29.83" W 103° 55' 56.88"	
	9763.00	1.31	269.97	9734.80	168.56	117.19	-647.50	0.14	658.02	280.26	379108.78	665543.75	N 32° 2' 29.83" W 103° 55' 56.90"	
	9848.00	1.36	267.30	9819.78	168.67	117.15	-649.48	0.09	659.96	280.22	379109.74	665541.77	N 32° 2' 29.83" W 103° 55' 56.93"	
	9943.00	2.17	341.85	9914.74	170.45	118.80	-651.16	2.35	661.91	280.34	379111.39	665540.09	N 32° 2' 29.84" W 103° 55' 56.94"	
	9990.00	4.33	354.65	9961.67	173.09	121.42	-651.60	4.82	662.82	280.56	379114.01	665539.65	N 32° 2' 29.87" W 103° 55' 56.95"	
	10085.00	12.35	352.90	10055.59	186.85	136.09	-653.19	8.45	667.02	281.68	379127.68	665538.06	N 32° 2' 30.01" W 103° 55' 56.97"	
	10179.00	19.88	355.44	10145.80	212.99	161.11	-655.72	8.15	675.22	283.80	379153.70	665535.83	N 32° 2' 30.26" W 103° 55' 57.00"	
	10274.00	25.85	366.77	10233.34	249.81	197.85	-658.17	5.98	687.26	286.73	379190.44	665533.08	N 32° 2' 30.63" W 103° 55' 57.05"	
	10368.00	33.64	356.85	10314.97	296.25	244.24	-660.75	8.50	704.44	290.29	379238.82	665530.50	N 32° 2' 31.09" W 103° 55' 57.05"	
	10415.00	39.03	353.13	10353.62	324.65	272.61	-662.50	11.26	716.40	292.37	379285.19	665528.75	N 32° 2' 31.37" W 103° 55' 57.07"	
	10463.00	42.13	357.68	10389.31	355.23	303.14	-664.14	6.94	730.05	294.53	379295.71	665527.11	N 32° 2' 31.67" W 103° 55' 57.09"	
	10521.00	46.69	355.84	10430.74	395.80	343.64	-666.53	8.24	749.90	297.27	379336.21	665524.72	N 32° 2' 32.07" W 103° 55' 57.11"	
	10557.00	51.50	356.10	10454.30	423.00	370.77	-668.49	13.40	764.42	298.01	379363.34	665522.76	N 32° 2' 32.34" W 103° 55' 57.14"	
	10604.00	59.03	355.53	10481.05	461.59	409.26	-671.31	16.05	786.23	301.37	379401.83	665519.94	N 32° 2' 32.72" W 103° 55' 57.17"	
	10650.00	66.10	356.50	10502.24	502.39	449.96	-674.14	15.48	810.51	303.72	379442.53	665517.12	N 32° 2' 33.12" W 103° 55' 57.20"	
	10747.00	80.71	358.05	10529.87	598.04	542.56	-678.49	15.14	868.75	308.65	379535.12	665512.76	N 32° 2' 34.04" W 103° 55' 57.24"	
7" Casing	10795.00	85.08	357.87	10535.91	642.62	590.15	-680.19	9.11	900.52	310.95	379582.71	665511.06	N 32° 2' 34.61" W 103° 55' 57.26"	
	10854.00	90.45	357.86	10539.11	701.50	649.04	-682.49	9.11	941.83	313.56	379641.59	665508.77	N 32° 2' 35.09" W 103° 55' 57.29"	
	10899.00	94.79	358.29	10533.77	796.28	743.86	-685.84	4.62	1011.78	317.32	379736.41	665505.41	N 32° 2' 36.03" W 103° 55' 57.32"	
	11043.00	94.13	357.85	10526.46	889.90	837.52	-689.00	0.64	1084.51	320.56	379830.06	665502.26	N 32° 2' 36.96" W 103° 55' 57.35"	
	11138.00	91.93	359.91	10521.44	984.58	932.36	-690.85	3.17	1160.42	323.46	379924.89	665500.40	N 32° 2' 37.90" W 103° 55' 57.37"	
	11232.00	89.11	1.72	10520.58	1078.15	1028.33	-689.51	3.56	1236.44	326.11	380018.86	665501.74	N 32° 2' 38.83" W 103° 55' 57.35"	
	11319.00	92.10	3.71	10519.67	1164.42	1113.22	-689.39	4.13	1307.29	328.38	380105.73	665505.86	N 32° 2' 39.89" W 103° 55' 57.30"	
	11436.00	90.07	3.05	10517.45	1280.27	1229.99	-678.49	1.82	1404.71	331.12	380222.49	665512.76	N 32° 2' 40.84" W 103° 55' 57.21"	
	11530.00	90.03	2.58	10517.37	1373.48	1323.87	-673.88	0.50	1485.51	333.02	380316.37	665517.37	N 32° 2' 41.77" W 103° 55' 57.16"	
	11625.00	89.89	0.81	10517.60	1457.90	1418.82	-669.94	1.73	1570.66	334.28	380411.32	665520.31	N 32° 2' 42.71" W 103° 55' 57.12"	
	11719.00	90.45	0.84	10518.31	1561.46	1512.81	-669.45	0.29	1654.31	336.13	380505.30	665521.80	N 32° 2' 43.64" W 103° 55' 57.10"	
	11808.00	90.62	1.49	10518.19	1749.51	1701.77	-665.61	0.71	1827.30	338.64	380694.24	665525.84	N 32° 2' 44.51" W 103° 55' 57.04"	
	12003.00	90.34	1.96	10517.39	1843.93	1796.72	-662.75	0.58	1915.05	339.75	380788.18	665528.50	N 32° 2' 46.45" W 103° 55' 57.01"	
	12097.00	90.68	2.14	10516.64	1937.30	1890.66	-659.39	0.32	2002.34	340.77	380883.11	665531.86	N 32° 2' 47.38" W 103° 55' 56.98"	
	12192.00	90.21	1.81	10515.98	2031.67	1985.60	-656.11	0.52	2091.19	341.71	380978.05	665535.14	N 32° 2' 48.32" W 103° 55' 56.92"	
	12286.00	90.62	0.86	10515.30	2125.17	2079.57	-653.92	1.10	2179.96	342.54	381072.01	665537.33	N 32° 2' 49.25" W 103° 55' 56.89"	
	12325.00	90.76	0.52	10514.83	2164.00	2118.56	-653.45	0.94	2217.05	342.86	381111.00	665537.80	N 32° 2' 49.63" W 103° 55' 56.89"	
	12381.00	90.38	359.86	10514.28	2219.80	2219.80	-653.27	0.38	2270.66	343.28	381166.99	665537.99	N 32° 2' 50.19" W 103° 55' 56.88"	
	12475.00	90.48	359.87	10513.57	2313.52	2268.56	-653.49	0.11	2360.80	343.93	381260.96	665537.76	N 32° 2' 51.12" W 103° 55' 56.86"	
	12570.00	91.00	1.39	10512.34	2408.19	2363.55	-653.27	0.77	2452.17	344.55	381355.97	665537.96	N 32° 2' 52.06" W 103° 55' 56.87"	
	12664.00	90.69	359.84	10510.96	2501.86	2457.54	-653.08	0.57	2542.83	345.12	381449.95	665538.16	N 32° 2' 52.99" W 103° 55' 56.87"	
	12759.00	90.58	358.12	10509.91	2596.67	2552.51	-654.78	1.81	2635.16	346.61	381544.92	665538.47	N 32° 2' 53.93" W 103° 55' 56.88"	
	12853.00	90.58	359.97	10508.95	2690.47	2646.49	-656.34	1.97	2726.86	346.07	381638.89	665534.91	N 32° 2' 54.86" W 103° 55' 56.80"	
	12948.00	90.41	359.73	10508.13	2785.18	2741.49	-655.69	0.31	2819.02	346.53	381733.88	665534.66	N 32° 2' 55.80" W 103° 55' 56.89"	
	13042.00	90.55	358.29	10507.35	2878.99	2835.47	-658.21	1.54	2910.86	346.93	381827.85	665533.03	N 32° 2' 56.73" W 103° 55' 56.91"	
	13138.00	89.79	2.05	10507.06	2974.64	2931.45	-657.83	4.00	3004.37	347.35	381923.93	665533.32	N 32° 2' 57.68" W 103° 55' 56.90"	
	13232.00	89.07	2.35	10506.00	3067.98	3025.37	-654.32	0.83	3095.32	347.80	382017.74	665536.93	N 32° 2' 58.61" W 103° 55' 56.86"	
	13325.00	90.03	2.84	10508.73	3180.25	3118.27	-650.11	1.16	3185.32	348.22	382110.64	665541.14	N 32° 2' 59.53" W 103° 55' 56.80"	
	13419.00	90.03	2.80	10508.68	3253.46	3212.16	-645.49	0.04	3276.37	348.64	382204.52	665545.76	N 32° 3' 0.45" W 103° 55' 56.75"	
	13514.00	88.25	359.32	10510.10	3347.97	3307.11	-643.73	1.11	3369.18	348.99	382298.46	665547.52	N 32° 3' 1.39" W 103° 55' 56.72"	
	13609.00	90.38	359.92	10511.24	3442.71	3402.10	-644.36	2.33	3462.58	349.28	382394.44	665546.89	N 32° 3' 2.33" W 103° 55' 56.72"	
	13701.00	90.03	359.33	10510.91	3534.46	3494.10	-644.96	0.75	3553.12	349.54	382486.43	665546.29	N 32° 3' 3.24" W 103° 55' 56.73"	
	13798.00	90.14	0.32	10510.77	3631.17	3591.09	-645.26	1.03	3648.80	349.81	382583.42	665545.99	N 32° 3' 4.20" W 103° 55' 56.73"	
	13893.00	90.10	0.54	10510.57	3725.81	3686.09	-644.54	0.24	3742.02	350.08	382678.41	665546.70	N 32° 3' 5.14" W 103° 55' 56.71"	
	13987.00	89.72	0.20	10510.71	3818.45	3780.25	-643.94	0.44	3834.24	350.74	382772.40	665547.40	N 32° 3' 6.08" W 103° 55' 56.70"	
	14082.00	91.79	1.29	10509.46	3914.09	3875.07	-642.70	0.48	3928.00	350.58	382867.37	665548.55	N 32° 3' 7.01" W 103° 55' 56.68"	
	14177.00	90.48	0.10	10507.58	4008.60	3970.04	-641.55	1.86	4021.54	350.82	382962.34	665549.70	N 32° 3' 7.95" W 103° 55' 56.67"	
	14272.00	90.17	358.60	10507.04	4103.38	4065.03	-642.63	1.61	4115.51	351.02	383057.32	665548.62	N 32° 3' 8.89" W 103° 55' 56.68"	
	14366.00	90.34	358.14	10506.62	4197.25	4158.99	-645.30	0.52	4208.75	351.18	383151.27	665545.95	N 32° 3' 9.82" W 103° 55' 56.70"	
	14461.00	90.10	358.81	10506.26	4292.11	4253.95	-647.83	0.75	4303.00	351.34	383246.23	665543.42	N 32° 3' 10.76" W 103° 55' 56.73"	
	14556.00	90.10	358.87	10506.09	4386.94	4348.93	-649.75							

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Eastng (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
		1	1034.000	3212.000	Act Strs	12.250	9.025	NAL_MWD_1.0_DEG		Fuller 13-12 W1HA Fed Com				
		1	3212.000	10795.000	Act Strs	8.750	7.000	NAL_MWD_1.0_DEG		#2H / Mewbourne Fuller 13-12				
		1	10795.000	18272.000	Act Strs	6.125	4.500	NAL_MWD_1.0_DEG		#2H / Mewbourne Fuller 13-12				

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)



January 15, 2020

MEWBOURNE OIL COMPANY
PO Box 5270
Hobbs, NM 88240

S13, T26S, R29E Eddy, NM
N 32.04129 W -103.9303854

Re:

CLIENT: MEWBOURNE OIL COMPANY
WELL: Fuller 13-12 W1HA Fed Com 2H
FIELD: Purple Sage Wolfcamp Gas

RIG: Patterson # 560
COUNTY: Eddy
API NO: 30-015-46410
JOB NO: 19MLE0231

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 13-12 W1HA Fed Com 2H Original Hole	1113.00 Ft to 18224.00 Ft	December 14, 2019 to January 5, 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 32.04129 W -103.9303854

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 December 14, 2019 through January 05, 2020, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 1113.00 feet to a depth of 18224.00 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 13-12 W1HA Fed Com 2H Well (Original Hole) API No. 30-015-46410 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 15 day of January (month) 2020 (yr)

My Commission expires:

6/14/23*Jean-Paul Langlois*

Notary Public

Comanche, Oklahoma

(County State)

(signature)

