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1220 S. St. Francis Dr., Santa Fe, NM 87505
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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-OCD ARTESIA

REC'D: 05/06/2020

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

As Drilled

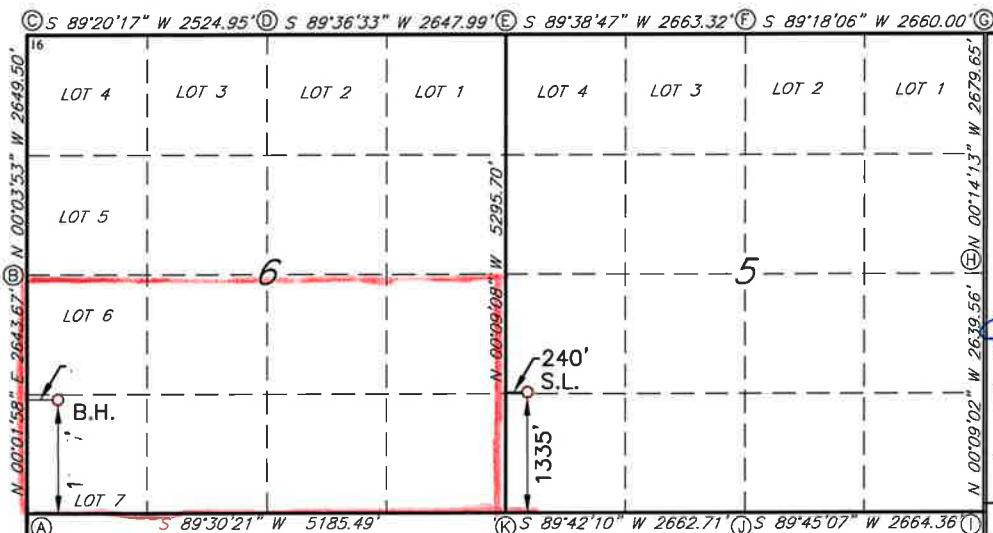
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-46136		2 Pool Code 98220		3 Pool Name Purple Sage; Wolfcamp (Gas)	
4 Property Code 325767		5 Property Name STINGER 6 WOPM FEDERAL COM			6 Well Number 2H
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3181'

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	5	23S	27E		1335	SOUTH	240	WEST	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
7	6	23S	27E		406	SOUTH	321	WEST	EDDY
12 Dedicated Acres 317.68		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.



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 02/13/2020
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.	
07-03-2018	
Date of Survey	
Signature and Seal of Professional Surveyor	
19680	
Certificate Number	

Job No.: LS1806836

Intent ☐ As Drilled ☒

API # 30-015-46136			
Operator Name: Mewbourne Oil Company		Property Name: Stinger 6 W0PM Fed Com	Well Number #2H

Kick Off Point (KOP)

UL P	Section 6	Township 23S	Range 27E	Lot	Feet 135	From N/S S	Feet 1	From E/W E	County Edley
Latitude 32.3286944					Longitude -104.2209000				NAD 83

First Take Point (FTP)

UL P	Section 6	Township 23S	Range 27E	Lot	Feet 609	From N/S S	Feet 396	From E/W E	County Edley
Latitude 32.3283556					Longitude -104.2221917				NAD 83

Last Take Point (LTP)

UL M	Section 6	Township 23S	Range 27E	Lot	Feet 406	From N/S S	Feet 354	From E/W W	County Edley
Latitude 32.3277014					Longitude -104.2365319				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 # 30-015-46137			
Operator Name: Mewbourne Oil Co		Property Name: Stinger 6 W0IL Fed Com	Well Number 1H

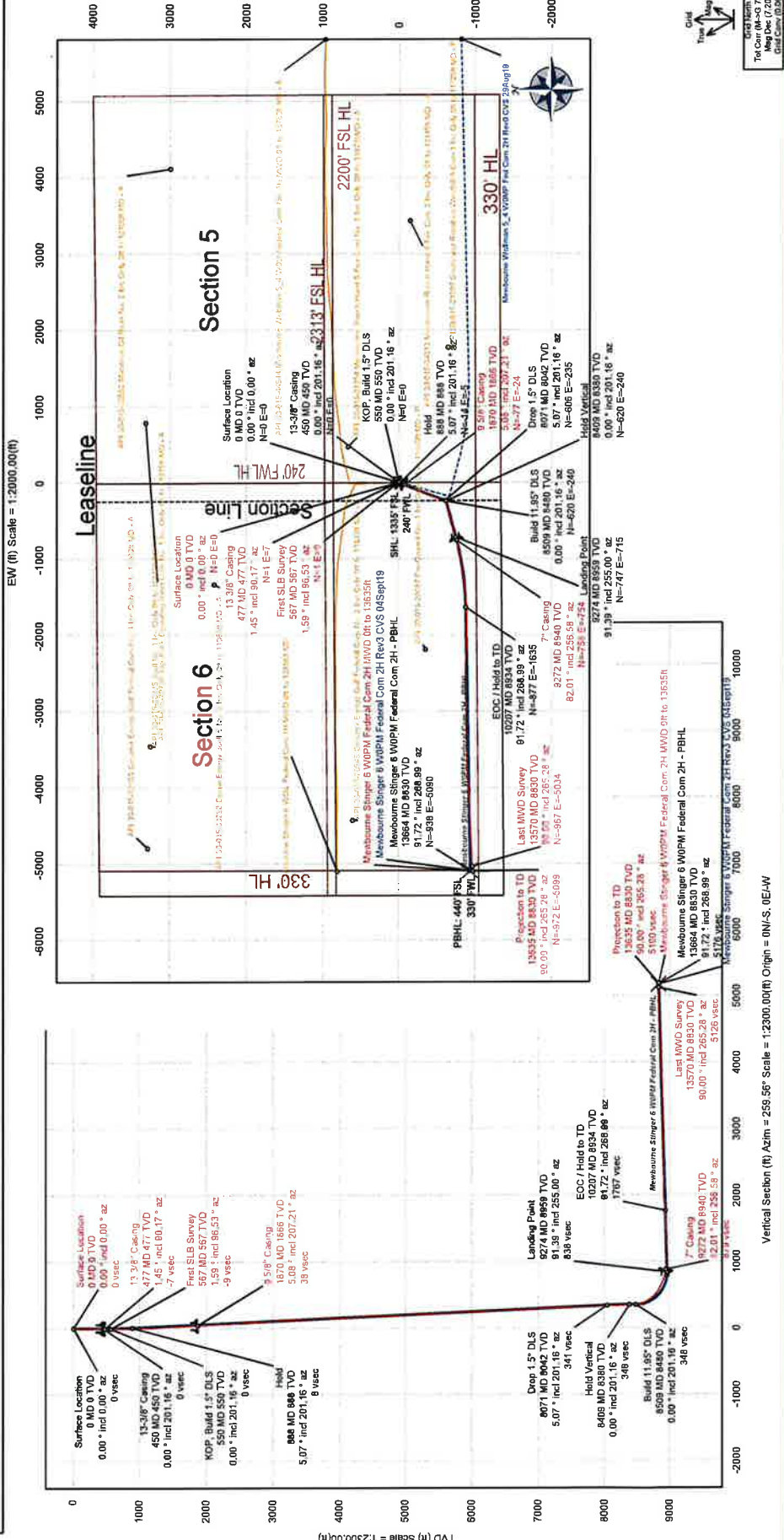
KZ 06/29/2018



Mewbourne Oil Company

Final Plan vs Actual
Plan Rev3

Borehole:		Well:		Field:		Structure:	
Stinger 6 WOPM Federal Com 2H		Stinger 6 WOPM Federal Com 2H		NM Eddy County (NAD 83)		Mewbourne Stinger 6 WOPM Federal Com 2H	
Gravity & Magnetic Parameters		Surface Location		MWD		Miscellaneous	
Model: HDGM 2019	Dip: 59.99°	Date: 27-Sep-2019	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Lat: N 32° 19' 48.27"	Long: W 104° 13' 12.46"	0.000°	0.000°
MagDec: 7.20°	FS: 47853.65mT	Gravty FS: 978.48mgn (8.0065 Based)	Grid Conv: 0.99991049	Northings: 57630.5705	Eastings: 0.99991049	Slot: New Slot	TVD Ref: RKB(3269ft above MSL)
Critical Point		Critical Point		Critical Point		Critical Point	
MD	0.00	INCL	0.00	AZIM	TVD	VSEC	N(+)/W(-)
Surface Location	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13-3/8" Casing	450.00	0.00	201.16	450.00	450.00	0.00	0.00
KOP, Build 1.5" DLS	550.00	0.00	201.16	550.00	550.00	0.00	0.00
Hold	846.09	5.07	201.16	846.09	846.09	7.83	-13.94
Drop 1.5" DLS	8070.91	5.07	201.16	8042.36	340.50	340.50	-605.06
Hold Vertical	8409.00	0.00	201.16	8390.00	348.33	348.33	-240.00
Build 11.95" DLS	8509.00	0.00	201.16	8480.00	348.33	348.33	-240.00
Landing Point	9274.00	91.39	255.00	8959.47	838.01	838.01	-747.14
EOC / Hold to TD	10206.65	91.72	268.99	8834.00	1767.17	1767.17	-1635.43
Mewbourne Stinger 6 WOPM Federal Com 2H - PBHL	13663.59	91.72	268.99	8630.10	5175.88	5175.88	-5090.27



Mewbourne Stinger 6 WOPM Federal Com 2H MWD Off to 13635ft Survey Geodetic Report (Def Survey)



Report Date: October 18, 2019 - 03:30 PM
Client: Mewbourne Oil Company
Field: NM Eddy County (NAD 83)
Structure / Slot: Mewbourne Stinger 6 WOPM Federal Com 2H / New Slot
Well: Stinger 6 WOPM Federal Com 2H
Borehole: Stinger 6 WOPM Federal Com 2H
UWI / API: Unknown / Unknown
Survey Name: Mewbourne Stinger 6 WOPM Federal Com 2H MWD Off to 13635ft
Survey Date: September 27, 2019
Tort / AHD / DDI / ERO Ratio: 260.847 * / 5570.024 ft / 6.345 / 0.622
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 10' 48.2659" S, W 104° 13' 12.4587" W
Location Grid N/E Y/X: N 483932.500 NUS, E 576303.500 NUS
CRS Grid Convergence Angle: 0.0605°
Grid Scale Factor: 0.98991046
Version / Patch: 2.10.782.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 259.560 * (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Elevation: 3208.000 ft above MSL
Sealed / Ground Elevation: 3181.000 ft above MSL
Magnetic Declination: 7.203 *
Total Gravity Field Strength: 968.460mgals (0.80605 Gauss)
Gravity Model: 47853.053 nT
Magnetic Field Strength: 39.999 *
Declination Date: September 27, 2019
Magnetic Declination Model: HDGM 2019
North Reference: Grid North
Grid Convergence Used: 0.0605°
Total Corr Mag North-Grid: 7.1423 *
Local Coord Referenced To: Well Head

Comments	MD (ft)	(in) (ft)	Aslm Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (NUS)	Easting (EUS)	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	483932.50	576303.50	N 32 19 48.27	W 104 13 12.46
	100.00	0.85	84.77	100.00	-0.56	0.05	0.56	0.85	0.57	84.77	483932.55	576304.06	N 32 19 48.27	W 104 13 12.45
	200.00	0.55	82.84	198.89	-1.61	0.16	1.81	0.10	1.61	84.23	483932.66	576305.11	N 32 19 48.27	W 104 13 12.44
	300.00	0.00	80.61	298.96	-2.87	0.35	2.86	0.28	0.00	83.03	483932.85	576306.36	N 32 19 48.27	W 104 13 12.43
	388.00	1.34	83.54	387.87	-0.79	0.60	4.76	0.45	4.70	82.76	483933.10	576306.25	N 32 19 48.27	W 104 13 12.40
13 3/8" Casing	477.00	1.45	90.17	476.94	-6.69	0.71	6.67	0.25	6.71	83.87	483933.20	576310.17	N 32 19 48.27	W 104 13 12.38
Final SLB Survey	567.00	1.59	96.53	566.91	-8.00	0.56	9.05	0.25	9.07	86.46	483933.06	576312.55	N 32 19 48.27	W 104 13 12.35
	687.00	1.42	126.04	686.87	-11.58	-0.55	11.87	0.69	11.88	92.63	483931.85	576315.37	N 32 19 48.26	W 104 13 12.32
	846.00	1.79	189.26	845.82	-11.85	-4.10	12.80	1.19	13.26	108.04	483928.40	576316.10	N 32 19 48.22	W 104 13 12.31
	940.00	3.22	208.72	938.73	-8.22	-7.78	10.81	1.89	13.32	125.75	483924.72	576314.31	N 32 19 48.19	W 104 13 12.33
	1034.00	3.78	203.81	1033.55	-5.77	-12.82	8.25	0.72	15.33	147.44	483918.58	576311.75	N 32 19 48.14	W 104 13 12.36
	1128.00	4.88	200.93	1128.29	-1.89	-15.41	5.80	0.96	20.20	163.92	483913.09	576308.10	N 32 19 48.07	W 104 13 12.38
	1224.00	5.79	212.06	1222.90	3.27	-27.08	1.67	1.58	27.14	176.48	483905.17	576306.17	N 32 19 48.00	W 104 13 12.44
	1318.00	5.58	212.92	1316.44	9.61	-34.94	-3.34	0.24	35.10	185.48	483887.56	576300.16	N 32 19 48.02	W 104 13 12.50
	1413.00	4.73	210.42	1411.05	15.35	-42.20	-7.83	0.83	42.82	180.51	483880.31	576285.67	N 32 19 48.05	W 104 13 12.55
	1507.00	4.85	208.96	1504.74	20.35	-49.84	-11.70	0.09	50.22	183.47	483883.96	576291.80	N 32 19 48.76	W 104 13 12.80
	1601.00	4.83	201.83	1598.42	24.84	-56.81	-15.07	0.74	57.81	185.11	483876.88	576288.43	N 32 19 48.71	W 104 13 12.64
	1685.00	4.86	200.97	1682.08	29.13	-63.21	-17.87	0.08	85.71	195.87	483868.30	576285.53	N 32 19 48.84	W 104 13 12.67
	1820.00	5.16	208.88	1815.60	35.30	-73.16	-22.42	0.86	76.52	197.03	483858.35	576281.09	N 32 19 48.54	W 104 13 12.72
9 5/8" Casing	1870.00	5.08	207.21	1866.40	39.02	-77.13	-24.45	0.17	80.91	197.59	483855.38	576279.05	N 32 19 48.50	W 104 13 12.75
	2008.00	4.85	207.88	2004.88	45.42	-87.80	-30.01	0.17	82.78	198.67	483848.71	576273.48	N 32 19 48.40	W 104 13 12.81
	2104.00	4.80	208.72	2096.54	50.36	-94.87	-33.71	0.12	100.78	198.54	483837.54	576268.79	N 32 19 48.33	W 104 13 12.85
	2188.00	4.77	206.20	2193.20	55.12	-102.06	-37.24	0.15	108.64	200.05	483830.45	576266.26	N 32 19 48.26	W 104 13 12.88
	2293.00	5.80	218.71	2287.80	61.11	-109.35	-41.99	1.62	117.14	201.00	483823.18	576261.52	N 32 19 48.18	W 104 13 12.95
	2387.00	6.08	221.86	2381.30	66.85	-116.77	-46.28	1.26	126.36	202.46	483815.74	576255.22	N 32 19 48.11	W 104 13 13.02
	2480.00	5.92	224.41	2473.79	76.47	-123.67	-54.93	0.34	135.51	203.92	483808.64	576248.57	N 32 19 48.04	W 104 13 13.10
	2574.00	5.45	227.19	2567.32	84.20	-130.37	-61.60	0.58	144.19	205.29	483802.14	576241.91	N 32 19 47.98	W 104 13 13.18
	2680.00	4.83	212.28	2661.84	90.78	-136.88	-67.09	1.52	152.44	206.11	483795.63	576236.42	N 32 19 47.91	W 104 13 13.24
	2782.00	4.96	205.76	2754.61	95.73	-143.67	-70.87	0.05	160.20	206.26	483788.84	576232.84	N 32 19 47.84	W 104 13 13.29
	2856.00	4.44	206.84	2848.32	100.18	-150.35	-74.17	0.25	167.85	206.26	483782.16	576229.34	N 32 19 47.76	W 104 13 13.33
	2950.00	4.75	197.52	2942.02	104.21	-157.31	-78.87	0.86	175.14	206.08	483775.20	576226.52	N 32 19 47.71	W 104 13 13.36
	3045.00	6.35	196.68	3036.57	108.45	-166.10	-78.67	1.89	184.22	205.63	483768.42	576223.83	N 32 19 47.62	W 104 13 13.38
	3138.00	6.50	196.37	3128.98	113.22	-176.18	-82.67	0.16	194.61	205.14	483756.34	576220.84	N 32 19 47.52	W 104 13 13.43
	3233.00	6.46	197.68	3223.38	118.11	-186.32	-85.77	0.16	205.12	204.72	483748.19	576217.74	N 32 19 47.42	W 104 13 13.45
	3328.00	6.48	198.59	3317.77	122.89	-196.58	-88.84	0.25	215.72	204.32	483735.84	576214.67	N 32 19 47.32	W 104 13 13.50
	3422.00	6.57	194.28	3411.16	127.86	-206.90	-91.59	0.18	226.26	203.88	483725.62	576211.92	N 32 19 47.22	W 104 13 13.53
	3516.00	6.80	184.82	3504.54	132.13	-217.33	-94.30	0.08	236.91	203.46	483715.19	576208.20	N 32 19 47.12	W 104 13 13.56
	3611.00	6.46	184.85	3598.93	136.75	-227.77	-97.08	0.15	247.60	203.08	483704.75	576205.43	N 32 19 47.01	W 104 13 13.59
	3705.00	6.45	183.75	3692.33	141.17	-238.01	-99.89	0.13	258.05	202.73	483694.51	576202.82	N 32 19 46.91	W 104 13 13.62
	3798.00	6.10	190.20	3788.77	145.09	-248.06	-101.83	0.56	268.14	202.32	483684.47	576201.88	N 32 19 46.81	W 104 13 13.65
	3893.00	5.80	188.40	3879.26	148.39	-257.67	-103.41	0.38	277.85	201.87	483674.85	576200.10	N 32 19 46.72	W 104 13 13.67
	3987.00	6.07	188.18	3972.76	152.07	-267.16	-105.40	0.80	287.21	201.53	483665.36	576198.11	N 32 19 46.62	W 104 13 13.68
	4081.00	6.08	187.86	4066.23	156.17	-276.71	-108.22	0.28	297.12	201.17	483655.81	576196.29	N 32 19 46.53	W 104 13 13.72
	4175.00	5.87	198.37	4158.72	161.23	-286.03	-111.24	0.25	306.90	201.08	483646.50	576192.27	N 32 19 46.44	W 104 13 13.76
	4270.00	5.62	198.68	4254.24	165.84	-295.04	-114.27	0.27	316.40	201.17	483637.64	576189.24	N 32 19 46.35	W 104 13 13.80
	4364.00	5.41	198.55	4347.81	170.29	-303.58	-117.22	0.24	325.42	201.11	483628.85	576186.29	N 32 19 46.26	W 104 13 13.83
	4458.00	5.17	198.11	4441.41	174.80	-311.76	-120.09	0.34	334.26	201.07	483620.77	576183.42	N 32 19 46.16	W 104 13 13.86
	4553.00	5.17	198.82	4535.02	179.81	-319.85	-122.88	0.02	342.64	201.02	483612.68	576180.63	N 32 19 46.10	W 104 13 13.90
	4647.00	4.82	198.18	4629.86	182.87	-327.86	-125.58	0.67	350.90	200.97	483604.87	576177.93	N 32 19 46.02	W 104 13 13.93
	4742.00	4.75	198.15	4724.32	186.83	-335.23	-128.21	0.18	358.91	200.93	483597.30	576175.30	N 32 19 45.95	W 104 13 13.96
	4836.00	4.44	197.13	4818.02	190.44	-342.38	-130.56	0.37	366.43	200.87	483589.15	576172.86	N 32 19 45.86	W 104 13 13.98
	4931.00	4.32	196.36	4912.67	194.93	-349.73	-133.00	1.43	374.45	200.82	483581.29	576169.81	N 32 19 45.77	W 104 13 14.02
	5025.00	5.33	209.44	5008.27	200.55	-357.33	-138.00	0.01	383.08	201.13	483575.20	576165.43	N 32 19 45.73	W 104 13 14.07
	5119.00	5.17	204.80	5098.87	205.79	-364.98	-142.00	0.48	391.63	201.26	483567.55	576161.51	N 32 19 45.66	W 104 13 14.12
	5213.00	4.97	205.70	5193.51	210.83	-372.49	-145.55	0.23	399.92	201.34	483560.04	576157.87	N 32 19 45.58	W 104 13 14.16
	5308.00	4.72	197.58	5288.17	214.80	-379.83	-148.51	0.77	407.82	201.27	483552.61	576154.01	N 32 19 45.49	W 104 13 14.20
	5403.00	4.34	198.65	5382.87	218.27	-387.10	-150.72	0.41	415.41	201.27	483545.44	576150.80	N 32 19 45.44	W 104 13 14.22
	5497.00	4.22	200.10	5476.61	221.75	-393.75	-152.93	0.30	422.41	201.23	483538.78	576150.59	N 32 19 45.37	W 104 13 14.25
	5591.00	4.24	198.85	5570.35	225.19	-400.30	-155.23	0.12	429.34	201.20	483532.24	576146.29	N 32 19 45.31	W 104 13 14.27
	5685.00	4.32	205.25	5664.08	228.00	-408.76	-157.90	0.61	436.34	201.22	483525.77	576145.61	N 32 19 45.26	W 104 13 14.30
	5780.00	4.82	208.78	5758.79	233.88	-413.47	-161.41	0.57	443.86	201.22	483519.47	576141.11	N 32 19 45.18	W 104 13 14.33
	5874.00	4.92	206.10	5852.45	238.56	-420.55	-165.08	0.26	451.79	201.43	483511.89	576138.43	N 32 19 45.11	W 104 13 14.38
	5968.00	4.52	205.											

Comments	MD (ft)	Incl (°)	Azin Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ft)	Easting (ft)	Latitude (N/S/°)	Longitude (E/W/°)
7" Casing	8121.00	72.26	255.45	8805.27	722.37	-720.72	-611.90	4.93	945.45	220.33	483211.84	575601.65	N 32 19 42.14	W 104 13 16.60
	9168.00	76.01	255.11	8816.51	777.34	-733.18	-655.52	5.88	982.75	221.94	483200.38	575648.04	N 32 19 42.03	W 104 13 20.11
	9216.00	77.84	255.35	8826.76	823.86	-742.05	-700.63	5.92	1022.02	223.28	483188.48	575602.94	N 32 19 41.91	W 104 13 20.83
	9232.00	78.87	255.43	8833.49	839.49	-748.03	-715.79	6.46	1035.33	223.74	483164.54	575587.77	N 32 19 41.87	W 104 13 20.81
	9272.00	82.01	256.58	8939.65	876.85	-767.67	-754.06	8.36	1068.89	224.87	483175.00	575548.51	N 32 19 41.78	W 104 13 21.26
	9320.00	85.79	257.64	8944.75	926.53	-786.08	-800.61	8.36	1108.47	225.19	483164.48	575502.97	N 32 19 41.67	W 104 13 21.60
	9414.00	87.03	259.54	8950.63	1020.33	-786.40	-892.61	2.15	1188.61	228.62	483145.17	575410.97	N 32 19 41.48	W 104 13 22.67
	9508.00	88.05	258.98	8953.68	1115.27	-804.10	-985.89	2.21	1272.22	230.80	483128.48	575317.70	N 32 19 41.32	W 104 13 23.95
	9603.00	91.01	260.01	8953.83	1209.27	-821.23	-1078.31	2.36	1355.42	232.71	483111.34	575225.29	N 32 19 41.15	W 104 13 25.04
	9687.00	92.47	261.56	8950.98	1303.20	-836.28	-1171.04	2.26	1438.99	234.47	483096.30	575132.56	N 32 19 41.00	W 104 13 26.12
	9791.00	92.02	261.50	8947.30	1387.07	-850.11	-1263.95	0.48	1523.24	236.08	483082.47	575036.67	N 32 19 40.87	W 104 13 27.00
	9886.00	93.87	262.49	8942.42	1481.65	-863.32	-1357.89	2.21	1608.10	237.55	483068.25	574945.73	N 32 19 40.74	W 104 13 28.30
	9980.00	91.63	263.36	8937.91	1565.57	-874.80	-1451.06	2.56	1694.41	238.91	483057.69	574852.57	N 32 19 40.62	W 104 13 29.38
	10074.00	93.87	264.58	8933.40	1679.18	-884.75	-1544.43	2.71	1779.90	240.19	483047.63	574758.22	N 32 19 40.53	W 104 13 30.47
	10168.00	92.92	267.44	8927.83	1772.41	-891.28	-1638.02	3.20	1864.80	241.45	483041.30	574665.63	N 32 19 40.46	W 104 13 31.56
	10263.00	95.85	268.78	8920.48	1865.93	-893.58	-1732.68	4.03	1949.54	242.72	483038.00	574570.97	N 32 19 40.44	W 104 13 32.66
	10357.00	91.96	270.53	8914.00	1958.09	-893.32	-1826.45	4.32	2033.21	243.94	483038.26	574477.22	N 32 19 40.44	W 104 13 33.76
	10451.00	88.72	270.64	8912.82	2050.34	-892.37	-1920.43	3.38	2117.63	245.08	483040.22	574383.25	N 32 19 40.46	W 104 13 34.85
	10545.00	86.10	271.21	8913.58	2142.49	-890.85	-2014.41	0.90	2202.80	246.14	483041.73	574289.27	N 32 19 40.47	W 104 13 35.95
	10640.00	90.28	271.75	8914.10	2235.44	-888.38	-2108.37	1.37	2288.82	247.16	483044.19	574194.32	N 32 19 40.50	W 104 13 37.05
	10735.00	90.78	272.38	8913.22	2328.18	-884.97	-2204.31	0.85	2375.32	248.13	483047.61	574098.39	N 32 19 40.53	W 104 13 38.16
	10828.00	93.87	273.51	8908.45	2418.57	-880.20	-2297.10	3.54	2459.96	249.03	483052.38	574006.61	N 32 19 40.58	W 104 13 39.24
	10923.00	89.50	271.55	8908.66	2511.08	-876.01	-2381.94	5.04	2547.30	249.89	483056.57	573911.78	N 32 19 40.62	W 104 13 40.25
	11018.00	88.86	270.61	8906.00	2604.15	-874.22	-2468.91	1.19	2635.09	250.63	483058.35	573816.82	N 32 19 40.54	W 104 13 41.45
	11112.00	93.08	271.42	8906.38	2696.24	-872.56	-2560.85	4.56	2724.37	251.32	483060.02	573722.98	N 32 19 40.66	W 104 13 42.55
	11206.00	91.57	268.64	8902.56	2788.59	-872.51	-2674.77	3.37	2813.48	251.93	483060.07	573628.98	N 32 19 40.66	W 104 13 43.64
	11300.00	90.28	267.37	8901.05	2881.55	-875.78	-2768.69	1.93	2903.80	252.45	483058.80	573535.06	N 32 19 40.63	W 104 13 44.74
	11395.00	92.36	268.15	8908.96	2975.55	-879.48	-2863.59	2.34	2995.61	252.93	483055.09	573440.17	N 32 19 40.59	W 104 13 45.84
	11489.00	93.03	268.70	8904.44	3068.33	-882.07	-2957.45	0.92	3088.19	253.39	483050.51	573346.32	N 32 19 40.57	W 104 13 46.94
	11584.00	89.55	267.65	8902.30	3162.22	-885.10	-3052.36	3.83	3178.10	253.63	483047.48	573251.42	N 32 19 40.54	W 104 13 48.04
	11678.00	93.42	268.53	8908.86	3255.00	-887.41	-3146.28	4.58	3268.03	254.25	483045.17	573157.51	N 32 19 40.52	W 104 13 49.14
	11771.00	89.05	268.00	8907.86	3346.62	-885.60	-3236.23	4.73	3358.80	254.86	483043.98	573064.57	N 32 19 40.51	W 104 13 50.22
	11865.00	87.76	268.76	8900.50	3440.33	-890.46	-3334.17	1.38	3451.03	255.05	483042.12	572969.63	N 32 19 40.48	W 104 13 51.33
	11960.00	88.86	267.94	8893.44	3533.18	-893.16	-3428.08	1.29	3542.53	255.40	483038.42	572875.73	N 32 19 40.46	W 104 13 52.42
	12054.00	91.80	268.79	8893.06	3625.93	-895.03	-3522.05	3.88	3633.99	255.74	483037.56	572781.77	N 32 19 40.44	W 104 13 53.52
	12148.00	93.76	269.85	8888.46	3718.29	-895.32	-3615.93	2.06	3725.10	256.10	483037.26	572686.90	N 32 19 40.44	W 104 13 54.62
	12243.00	92.67	269.63	8880.73	3811.48	-895.75	-3710.61	2.05	3817.20	256.43	483036.83	572593.23	N 32 19 40.44	W 104 13 55.71
	12337.00	92.41	266.69	8874.11	3904.18	-898.76	-3804.30	4.66	3909.03	256.71	483033.82	572499.54	N 32 19 40.41	W 104 13 56.81
	12432.00	94.09	266.97	8868.72	3988.27	-904.01	-3898.00	1.78	4002.43	256.95	483028.57	572404.86	N 32 19 40.36	W 104 13 57.91
	12526.00	94.21	266.30	8881.92	4081.31	-908.51	-3982.59	0.72	4094.88	257.17	483023.07	572311.27	N 32 19 40.31	W 104 13 59.00
	12620.00	91.46	265.01	8857.27	4184.85	-916.63	-4065.20	3.23	4187.75	257.36	483015.95	572217.88	N 32 19 40.24	W 104 14 0.09
	12714.00	89.05	263.72	8858.85	4278.31	-925.85	-4178.73	2.91	4281.05	257.51	483006.73	572124.15	N 32 19 40.15	W 104 14 1.18
	12808.00	91.28	266.38	8856.57	4372.86	-934.04	-4274.36	3.67	4375.23	257.67	482998.54	572029.63	N 32 19 40.07	W 104 14 2.28
	12903.00	94.72	268.55	8851.64	4465.82	-938.19	-4368.12	4.31	4467.74	257.88	482994.40	571935.78	N 32 19 40.03	W 104 14 3.38
	12997.00	88.54	266.30	8848.97	4558.84	-942.41	-4461.94	7.00	4560.38	258.07	482990.18	571841.97	N 32 19 39.98	W 104 14 4.47
	13092.00	96.29	269.79	8844.97	4652.63	-945.05	-4556.71	8.94	4653.80	258.28	482986.85	571747.20	N 32 19 39.95	W 104 14 5.57
	13186.00	90.78	268.74	8838.16	4745.33	-948.50	-4650.44	6.89	4746.18	258.47	482984.09	571653.48	N 32 19 39.83	W 104 14 6.67
	13281.00	92.41	267.54	8836.51	4839.45	-953.24	-4745.28	1.90	4840.08	258.64	482979.35	571558.65	N 32 19 39.88	W 104 14 7.77
	13375.00	91.57	267.73	8833.25	4932.47	-957.11	-4838.15	0.82	4932.89	258.81	482975.47	571464.80	N 32 19 39.84	W 104 14 8.87
	13470.00	91.07	267.92	8831.06	5026.46	-960.72	-4934.05	0.56	5028.71	258.98	482971.87	571369.90	N 32 19 39.81	W 104 14 9.97
	13570.00	90.00	265.28	8830.13	5125.69	-966.65	-5033.86	2.85	5125.83	259.13	482965.94	571270.10	N 32 19 39.75	W 104 14 11.14
	13635.00	90.00	265.28	8830.13	5190.37	-972.00	-5088.64	0.00	5190.46	259.21	482960.59	571205.33	N 32 19 39.70	W 104 14 11.89

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7855 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size: Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	†	0.000	28.000	1/88.425	17.500	13.375 NAL_NSG+MSHOT-Depth Only	Slinger 6 WOPM Federal Com 2H / Mewbourne Slinger 6 WOPM Federal Com 2H MWD Off to
	†	28.000	28.000	Act Stns	17.500	13.375 NAL_NSG+MSHOT-Depth Only	Slinger 6 WOPM Federal Com 2H / Mewbourne Slinger 6 WOPM
	†	28.000	477.000	Act Stns	17.500	13.375 NAL_NSG+MSHOT	Federal Com 2H MWD Off to Slinger 6 WOPM Federal Com 2H / Mewbourne Slinger 6 WOPM
	†	477.000	1870.000	Act Stns	12.250	9.625 NAL_MWD_1_0_DEG	Slinger 6 WOPM Federal Com 2H / Mewbourne Slinger 6 WOPM
	†	1870.000	9272.000	Act Stns	8.750	7.000 NAL_MWD_1_0_DEG	Slinger 6 WOPM Federal Com 2H / Mewbourne Slinger 6 WOPM
	†	9272.000	13635.000	Act Stns	6.125	4.500 NAL_MWD_1_0_DEG	Slinger 6 WOPM Federal Com 2H / Mewbourne Slinger 6 WOPM

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)



February 7, 2020

Mewbourne Oil Co
PO Box 5270
Hobbs, NM 88241

Re:

S5, T23S, R27E Eddy, NM
N 32.3303517 W -104.2201276

CLIENT: Mewbourne Oil Co
WELL: Stinger 6 W0PM Fed Com 2H
FIELD: Purple Sage-Wolfcamp (GAS)

RIG: Patterson 574
COUNTY: Eddy
API NO: 30-015-46136
JOB NO: 19MLE0411

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>
David Pucket FS	Stinger 6 W0PM Fed Com 2H Original Hole	567.00 Ft to 13570.00 Ft	October 2, 2019 to October 18, 2019	TelePacer

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

Well Reference:
S5, T23S, R27E Eddy, NM
N 32.3303517 W -104.2201276

I, David Pucket certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of October 02, 2019 through October 18, 2019, conduct or supervise the taking of the TelePacer surveys from a depth of 567.00 feet to a depth of 13570.00 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 Co for the Stinger 6 W0PM Fed Com 2H Well (Original Hole) API No. 30-015-46136 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
David Pucket
FS



Subscribed and Sworn to before me this 7 day of February (month) 2020 (yr)

My Commission expires:

6/14/23

Jean-Paul Langlois

(signature)

Notary Public

Comanche, Oklahoma

(County State)

