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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

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 30-015-46746		² Pool Code 73480		³ Pool Name Burton Flat Wolfcamp; East (Gas)					
⁴ Property Code 327165		⁵ Property Name GLOCK 17/16 WOLI FED COM						⁶ Well Number 1H	
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 3280'	
¹⁰ Surface Location									
UL or lot no. L	Section 17	Township 20S	Range 29E	Lot Idn	Feet from the 2060	North/South line SOUTH	Feet From the 230	East/West line WEST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. I	Section 16	Township 20S	Range 29E	Lot Idn	Feet from the 2206'	North/South line SOUTH	Feet from the 85'	East/West line EAST	County EDDY
¹² Dedicated Acres 640		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 CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1916" N: 569804.9 - E: 611437.8 B: FOUND BRASS CAP "1916" N: 575088.6 - E: 611425.3 C: FOUND BRASS CAP "1916" N: 575086.5 - E: 614071.1 D: FOUND BRASS CAP "1916" N: 575085.0 - E: 616714.9 E: FOUND BRASS CAP "1916" N: 575095.2 - E: 619357.5 F: FOUND BRASS CAP "1916" N: 575105.3 - E: 621999.3		G: FOUND BRASS CAP "1916" N: 572462.9 - E: 622006.1 H: FOUND BRASS CAP "1916" N: 569820.2 - E: 622012.4 I: FOUND BRASS CAP "1916" N: 569809.9 - E: 619369.9 J: FOUND BRASS CAP "1916" N: 569798.5 - E: 616727.8 K: FOUND BRASS CAP "1916" N: 569801.9 - E: 614082.2 L: FOUND BRASS CAP "1916" N: 572443.7 - E: 616721.6		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: <u>Jackie Lathan</u> Date: <u>09/29/2020</u> Printed Name: <u>Jackie Lathan</u> E-mail Address: <u>jlathan@mewbourne.com</u>	
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. 9-09-2019 Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number		19 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 571864.1 - E: 611662.9 LAT: 32.5719022° N LONG: 104.1050405° W BOTTOM HOLE N: 572019.2 - E: 621907.2 LAT: 32.5722638° N LONG: 104.0717840° W 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100			

Job No: LS19090889

Mewbourne Glock 17_16 WOLI Fed Com 1H Gyro + MWD Off to 19558

Survey Geodetic Report

(Def Survey)



Report Date: May 11, 2020 - 04:18 PM
Client: Mewbourne
Field: NM Eddy County (NAD 83)
Structure / Slot: Mewbourne Glock 17_16 WOLI Fed Com 1H / New Slot
Well: Glock 17_16 WOLI Fed Com 1H
Borehole: Unknown / Unknown
UWI / API#: Mewbourne Glock 17_16 WOLI Fed Com 1H Gyro + MWD Off to 19558
Survey Name: April 17, 2020
Survey Date: April 17, 2020
Tort / AHD / DDI / ERD Ratio: 228 622 " / 10875.174 ft / 6.713 / 1.155
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 34' 18.8475", W 104° 6' 18.14519"
Location Grid N/E Y/X: N 571854,100 RUS, E 611662,900 RUS
CRS Grid Convergence Angle: 0.1229°
Grid Scale Factor: 0.99991475
Version / Patch: 2.10.811.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 89.133 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3308.000 ft above MSL
Seabed / Ground Elevation: 3280.000 ft above MSL
Magnetic Declination: 7.115 °
Total Gravity Field Strength: 998.5000mgm (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47888.090 nT
Magnetic Dip Angle: 60.308 °
Declination Date: April 17, 2020
Magnetic Declination Model: HDGM 2020
Grid Reference: Grid North
Grid Convergence Used: 0.1229°
Total Corr Mag North->Grid: 6.9922°
North:
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	
Surface Location	0.00		0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	571864.10	611662.90	N 32 34 18.85 W 104 6 18.15		
Last Gyro 13-3/8" Casing First SLB Survey	356.00	2.30	222.96	355.90	-4.95	-5.23	-4.87	0.65	7.14	222.96	571858.87	611658.03	N 32 34 18.80 W 104 6 18.20		
	372.40	2.00	224.96	372.29	-5.38	-5.67	-5.30	1.89	7.76	223.03	571858.43	611657.61	N 32 34 18.79 W 104 6 18.21		
	458.00	2.20	330.96	458.86	-7.47	-5.24	-7.39	3.47	9.06	234.63	571858.86	611655.51	N 32 34 18.80 W 104 6 18.23		
	556.00	3.20	271.96	555.77	-10.88	-3.70	-10.63	3.22	11.25	250.80	571860.40	611652.28	N 32 34 18.81 W 104 6 18.27		
	615.00	3.50	31.96	614.72	-11.35	-2.11	-11.32	9.84	11.51	259.42	571861.99	611651.58	N 32 34 18.83 W 104 6 18.28		
	676.00	2.80	35.96	675.83	-8.45	0.67	-8.46	1.20	9.48	274.06	571864.77	611653.44	N 32 34 18.85 W 104 6 18.26		
	740.00	3.40	64.96	739.54	-6.78	2.74	-6.82	2.59	7.35	291.89	571868.54	611656.08	N 32 34 18.87 W 104 6 18.22		
	834.00	4.60	75.96	833.31	-0.86	4.83	-0.84	1.51	4.88	352.49	571868.93	611662.26	N 32 34 18.90 W 104 6 18.15		
	928.00	3.40	63.96	927.08	5.63	6.97	5.52	1.55	8.90	38.39	571871.07	611668.42	N 32 34 18.92 W 104 6 18.08		
	1019.00	3.40	58.96	1017.92	10.40	9.55	10.26	0.33	14.02	47.06	571873.65	611673.16	N 32 34 18.94 W 104 6 18.03		
	1113.00	3.50	58.96	1111.75	15.29	12.47	15.11	0.11	19.59	50.47	571876.56	611678.01	N 32 34 18.97 W 104 6 17.97		
	1208.00	2.50	42.96	1206.62	19.24	15.48	19.00	1.36	24.51	50.84	571879.58	611681.90	N 32 34 19.00 W 104 6 17.92		
	1301.00	1.80	41.96	1299.86	21.63	18.05	21.36	0.75	27.97	49.81	571882.15	611684.26	N 32 34 19.03 W 104 6 17.90		
	1383.00	1.91	38.13	1381.51	23.37	20.08	23.07	0.20	30.58	49.96	571884.18	611685.95	N 32 34 19.05 W 104 6 17.88		
	1463.00	2.02	34.80	1461.47	25.03	22.28	24.69	0.20	33.26	47.94	571886.38	611687.59	N 32 34 19.07 W 104 6 17.85		
	9-5/8" Casing	1526.00	2.20	7.72	1524.42	25.86	24.39	25.49	1.59	35.28	46.26	571888.49	611688.39	N 32 34 19.09 W 104 6 17.85	
		1620.00	3.46	332.22	1618.31	24.84	28.69	24.41	2.24	37.67	40.39	571892.79	611687.31	N 32 34 19.13 W 104 6 17.86	
		1715.00	4.62	314.24	1713.08	20.84	33.90	20.33	1.79	39.53	30.96	571897.99	611683.23	N 32 34 19.18 W 104 6 17.91	
		1809.00	5.15	292.58	1806.75	14.30	38.16	13.72	2.03	40.55	19.78	571902.26	611676.62	N 32 34 19.22 W 104 6 17.98	
		1903.00	4.53	287.31	1900.41	6.90	40.88	6.28	0.81	41.36	8.74	571904.98	611669.18	N 32 34 19.25 W 104 6 18.07	
1998.00		4.50	281.86	1995.12	-0.30	42.75	-0.95	0.47	42.76	358.73	571906.85	611661.95	N 32 34 19.27 W 104 6 18.16		
2092.00		4.75	286.13	2088.81	-7.82	44.58	-8.30	0.47	45.35	349.46	571908.88	611654.60	N 32 34 19.29 W 104 6 18.24		
2187.00		4.10	287.11	2183.53	-14.61	46.87	-15.32	0.69	49.12	341.83	571910.77	611647.58	N 32 34 19.31 W 104 6 18.32		
2281.00		4.53	290.20	2277.26	-21.27	48.94	-22.02	0.52	53.67	335.78	571913.04	611640.88	N 32 34 19.33 W 104 6 18.40		
2376.00		4.40	294.71	2371.97	-28.05	51.76	-28.85	0.39	59.26	330.87	571915.86	611634.05	N 32 34 19.36 W 104 6 18.48		
2472.00		4.50	300.16	2467.88	-34.61	55.19	-35.45	0.45	65.60	327.29	571919.29	611627.45	N 32 34 19.39 W 104 6 18.55		
2567.00		4.37	301.08	2562.40	-40.88	58.93	-41.77	0.16	72.24	324.67	571923.03	611621.13	N 32 34 19.43 W 104 6 18.63		
2663.00		4.38	309.09	2658.12	-46.79	63.13	-47.75	0.64	79.16	322.90	571927.23	611615.15	N 32 34 19.47 W 104 6 18.70		
2759.00		3.94	308.33	2753.87	-52.15	67.49	-53.18	0.46	85.93	321.76	571931.58	611609.72	N 32 34 19.52 W 104 6 18.76		
2853.00		4.09	314.30	2847.84	-57.02	71.83	-58.12	0.47	92.40	321.03	571935.93	611604.79	N 32 34 19.55 W 104 6 18.82		
2948.00		3.93	318.11	2942.40	-61.55	76.82	-62.71	0.33	99.02	320.70	571940.72	611600.19	N 32 34 19.61 W 104 6 18.88		
2990.00		3.80	321.39	2984.31	-63.34	78.78	-64.54	0.61	101.85	320.67	571942.88	611598.36	N 32 34 19.63 W 104 6 18.90		
3033.00		4.07	315.60	3027.21	-65.27	80.59	-66.50	1.12	104.79	320.61	571945.08	611595.41	N 32 34 19.65 W 104 6 18.92		
3141.00		4.89	304.23	3134.88	-71.67	86.31	-72.99	1.12	113.04	319.78	571950.41	611589.92	N 32 34 19.70 W 104 6 19.00		
3236.00		5.97	286.03	3229.46	-79.71	89.96	-81.08	2.13	121.11	317.97	571954.05	611581.82	N 32 34 19.74 W 104 6 19.09		
3330.00		6.51	279.02	3322.90	-89.64	92.14	-91.05	0.99	129.53	315.34	571956.23	611571.86	N 32 34 19.76 W 104 6 19.21		
3425.00		5.10	288.39	3417.42	-89.93	94.32	-100.37	1.78	137.73	313.22	571958.41	611562.54	N 32 34 19.78 W 104 6 19.32		
3519.00		4.60	294.92	3511.08	-106.27	97.22	-107.75	0.79	145.13	312.06	571961.32	611555.15	N 32 34 19.81 W 104 6 19.40		
3613.00		4.53	291.39	3604.78	-113.10	100.17	-114.63	0.31	152.23	311.15	571964.26	611548.28	N 32 34 19.84 W 104 6 19.48		
3708.00		4.49	292.59	3699.49	-119.98	102.96	-121.96	0.11	159.30	310.27	571967.05	611541.35	N 32 34 19.87 W 104 6 19.56		
3802.00		4.58	294.09	3793.19	-126.78	105.91	-128.38	0.18	168.43	309.52	571970.00	611534.53	N 32 34 19.90 W 104 6 19.64		
3897.00		4.39	293.59	3887.90	-133.51	108.91	-135.17	0.20	173.59	308.86	571973.00	611527.74	N 32 34 19.93 W 104 6 19.72		
3991.00		4.23	295.67	3981.64	-139.89	111.85	-141.60	0.24	180.44	308.31	571975.94	611521.32	N 32 34 19.96 W 104 6 19.80		
4086.00		3.62	292.92	4076.41	-145.77	114.54	-147.52	0.67	186.76	307.83	571978.83	611515.40	N 32 34 19.98 W 104 6 19.87		
4181.00		3.42	289.24	4171.23	-151.17	116.84	-152.95	0.32	192.35	307.33	571980.73	611509.96	N 32 34 20.00 W 104 6 19.93		
4276.00		3.11	284.97	4266.08	-156.31	118.24	-158.12	0.41	197.44	306.79	571982.33	611504.80	N 32 34 20.02 W 104 6 19.99		
4370.00		3.24	288.22	4359.94	-161.27	119.73	-163.10	0.24	202.33	306.28	571983.82	611499.81	N 32 34 20.04 W 104 6 20.05		
4464.00		2.92	288.30	4453.80	-166.05	121.31	-167.90	0.34	207.14	305.85	571985.40	611495.01	N 32 34 20.05 W 104 6 20.10		
4558.00		2.76	287.77	4547.68	-170.45	122.75	-172.33	0.17	211.58	305.46	571986.84	611490.59	N 32 34 20.07 W 104 6 20.16		
4653.00		3.37	286.85	4642.55	-175.28	124.26	-177.18	0.64	216.41	305.04	571988.35	611485.74	N 32 34 20.08 W 104 6 20.21		
4747.00		3.46	287.24	4736.38	-180.61	125.90	-182.53	0.10	221.74	304.60	571989.99	611480.38	N 32 34 20.10 W 104 6 20.28		
4842.00		3.06	289.76	4831.23	-185.71	127.61	-187.66	0.45	226.94	304.22	571991.70	611475.26	N 32 34 20.11 W 104 6 20.33		
5032.00		2.58	285.13	5021.00	-194.56	130.44	-196.56	0.28	235.90	303.57	571994.53	611466.38	N 32 34 20.14 W 104 6 20.44		
5126.00		2.20	281.76	5114.91	-198.36	131.36	-200.37	0.43	239.59	303.25	571995.45	611462.55	N 32 34 20.15 W 104 6 20.48		
5221.00		2.08	278.77	5209.85	-201.84	131.94	-203.86	0.23	242.83	302.91	571996.02	611459.05	N 32 34 20.16 W 104 6 20.52		
5315.00		3.01	306.10	5303.76	-205.51	133.59	-207.55	1.67	246.83	302.77	571997.68	611455.37	N 32 34 20.17 W 104 6 20.57		
5409.00		2.11	317.73	5397.66	-208.62	136.33	-210.71	1.10	250.97	302.90	572000.41	611452.21	N 32 34 20.20 W 104 6 20.60		
5503.00		0.17	188.88	5491.64	-209.79	137.47	-211.90	2.36	252.58	302.97	572001.56	611451.02	N 32 34 20.21 W 104 6 20.62		
5598.00		0.80	157.24	5586.64	-209.57	136.72	-211.66	0.70	251.98	302.86	572002.81	611451.26	N 32 34 20.20 W 104 6 20.62		
5692.00		0.68	176.20	5680.83	-209.30	135.56	-211.37	0.29	251.10	302.67	571999.64	611451.55	N 32 34 20.19 W 104 6 20.61		
5787.00		0.76	178.23	5775.62	-209.26	134.36	-211.31	0.09	250.41	302.45	571998.45	611451.60	N 32 34 20.18 W 104 6 20.61		
5881.00		1.05	179.10	5869.61	-209.25	132.88	-211.28	0.31	249.59	302.17	571996.97	611451.64	N 32 34 20.17 W 104 6 20.61		
5976.00		0.96	172.81	5964.60	-209.16	131.22	-211.17	0.15	248.62	301.85	571995.31	611451.75	N 32 34 20.16 W 104 6 20.61		
6070.00		0.83	176.36	6059.59	-209.16	129.76	-211.03	0.15	247.73	301.53	571993.85	611451.89	N 32 34 20.14 W 1		

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 ° °')
	8742.00	1.02	321.15	8729.59	-217.77	143.46	-219.97	0.64	262.61	303.11	572007.55	611442.95	N 32 34 20.27 W	104 6 20.71
	8841.00	5.42	73.37	8828.85	-213.61	145.49	-216.04	5.94	280.46	303.96	572008.57	611446.88	N 32 34 20.29 W	104 6 20.67
	8886.00	13.89	78.25	8875.15	-206.12	147.27	-208.37	18.09	255.16	305.25	572011.36	611454.55	N 32 34 20.31 W	104 6 20.58
	8935.00	20.90	77.20	8919.97	-194.66	153.55	-194.66	14.33	240.47	307.02	572014.31	611468.26	N 32 34 20.33 W	104 6 20.42
	8983.00	25.88	82.44	8968.05	-175.95	158.84	-175.95	10.84	233.56	311.11	572017.64	611486.93	N 32 34 20.37 W	104 6 20.20
	9030.00	30.08	87.63	9005.59	-151.74	158.38	-154.11	10.68	218.84	315.24	572019.47	611508.81	N 32 34 20.39 W	104 6 19.94
	9077.00	34.59	88.20	9045.29	-126.61	158.29	-126.90	9.62	202.64	320.47	572020.37	611533.92	N 32 34 20.40 W	104 6 19.65
	9124.00	38.15	89.02	9083.13	-98.75	158.95	-101.13	7.64	186.72	327.20	572021.04	611561.78	N 32 34 20.41 W	104 6 19.32
	9171.00	42.19	89.60	9119.04	-68.44	157.31	-70.82	8.63	172.52	335.76	572021.40	611592.08	N 32 34 20.41 W	104 6 18.97
	9217.00	45.87	91.23	9152.11	-36.48	157.07	-38.86	8.37	161.80	346.10	572021.15	611624.04	N 32 34 20.40 W	104 6 18.60
	9264.00	50.92	91.93	9183.30	-1.38	158.09	-3.74	10.80	156.13	356.63	572020.17	611659.16	N 32 34 20.39 W	104 6 18.19
	9311.00	55.62	92.32	9211.40	36.23	154.69	33.89	10.02	159.35	367.86	572018.77	611696.79	N 32 34 20.38 W	104 6 17.75
	9359.00	60.94	92.57	9257.81	118.86	151.40	116.58	10.34	170.35	376.00	572015.49	611779.47	N 32 34 20.34 W	104 6 16.78
	9406.00	65.68	92.00	9275.23	163.49	148.63	161.25	12.67	219.97	47.14	572013.71	611824.13	N 32 34 20.32 W	104 6 16.26
	9454.00	71.74	90.23	9288.37	208.58	148.76	206.35	9.31	254.38	54.21	572012.84	611869.23	N 32 34 20.32 W	104 6 15.73
	9501.00	75.77	89.68	9298.27	254.51	148.79	252.29	8.88	282.89	59.47	572012.88	611915.16	N 32 34 20.31 W	104 6 15.19
	9548.00	79.91	89.73	9301.38	274.26	148.90	272.04	11.85	310.12	61.31	572012.98	611934.92	N 32 34 20.32 W	104 6 14.86
	9598.00	82.24	88.10	9304.66	326.11	148.88	326.88	16.23	356.88	65.17	572013.97	611934.92	N 32 34 20.32 W	104 6 14.38
	9620.00	90.52	88.07	9304.56	336.11	150.28	335.87	16.23	356.88	65.17	572013.97	611934.92	N 32 34 20.32 W	104 6 14.38
	9642.00	90.41	88.07	9304.56	336.11	150.28	335.87	16.23	356.88	65.17	572013.97	611934.92	N 32 34 20.32 W	104 6 14.38
	9714.00	89.66	87.86	9304.51	420.09	153.19	417.62	0.85	445.86	89.86	572017.28	612080.69	N 32 34 20.35 W	104 6 13.26
	9808.00	89.72	87.86	9305.02	514.06	157.02	514.74	0.42	535.29	72.94	572021.11	612174.60	N 32 34 20.39 W	104 6 12.16
	9902.00	89.35	87.63	9305.39	600.02	161.04	605.86	0.21	626.70	75.11	572025.13	612268.50	N 32 34 20.43 W	104 6 11.06
	9997.00	89.79	89.92	9305.70	703.01	163.07	700.63	2.41	719.35	76.90	572027.16	612363.47	N 32 34 20.45 W	104 6 9.95
	10091.00	89.11	91.37	9306.60	796.97	162.01	794.61	1.70	810.96	78.48	572026.10	612457.44	N 32 34 20.43 W	104 6 8.86
	10185.00	89.24	91.36	9307.96	890.89	159.78	888.58	0.14	902.83	79.81	572023.86	612551.40	N 32 34 20.41 W	104 6 7.76
	10279.00	89.21	91.68	9309.23	984.80	157.30	982.54	0.32	995.05	80.90	572021.38	612645.35	N 32 34 20.38 W	104 6 6.66
	10373.00	89.24	91.60	9310.50	1078.71	154.63	1078.49	0.07	1087.54	81.83	572018.71	612739.30	N 32 34 20.35 W	104 6 5.56
	10468.00	89.10	91.60	9311.88	1173.61	151.97	1171.44	0.15	1181.26	82.61	572016.06	612834.24	N 32 34 20.33 W	104 6 4.45
	10562.00	89.21	91.41	9313.26	1267.52	148.50	1265.46	0.23	1274.20	83.26	572013.59	612928.19	N 32 34 20.30 W	104 6 3.35
	10656.00	89.35	91.30	9314.44	1361.44	147.28	1359.37	0.19	1367.32	83.82	572011.37	613022.15	N 32 34 20.28 W	104 6 2.26
	10750.00	89.17	91.25	9315.66	1455.37	145.19	1453.33	0.20	1460.57	84.30	572009.28	613116.11	N 32 34 20.25 W	104 6 1.16
	10845.00	89.11	91.85	9317.08	1550.27	142.62	1548.29	0.63	1554.84	84.74	572006.71	613211.05	N 32 34 20.23 W	104 6 0.05
	10939.00	89.17	91.62	9318.49	1644.16	139.78	1642.23	0.25	1648.17	85.14	572003.86	613304.99	N 32 34 20.20 W	104 5 58.95
	11034.00	89.17	90.11	9319.87	1739.11	138.34	1737.21	1.59	1742.71	85.45	572002.43	613399.96	N 32 34 20.18 W	104 5 57.74
	11128.00	89.69	89.65	9320.81	1833.09	138.53	1831.21	0.73	1836.44	86.57	572002.62	613493.95	N 32 34 20.18 W	104 5 56.84
	11222.00	90.76	89.30	9320.44	1927.09	139.38	1925.20	1.20	1930.42	86.86	572003.47	613587.93	N 32 34 20.19 W	104 5 55.84
	11316.00	90.62	89.54	9319.30	2021.09	140.33	2019.19	0.30	2024.06	86.02	572004.42	613681.91	N 32 34 20.19 W	104 5 54.85
	11410.00	90.93	89.36	9318.03	2115.07	141.26	2113.18	0.38	2117.89	86.18	572005.32	613775.89	N 32 34 20.20 W	104 5 53.45
	11504.00	90.59	89.38	9316.79	2209.06	142.27	2207.16	0.36	2211.74	86.31	572006.36	613869.87	N 32 34 20.21 W	104 5 52.35
	11598.00	90.00	89.48	9316.30	2303.06	143.21	2301.15	0.64	2305.61	86.44	572007.29	613963.85	N 32 34 20.21 W	104 5 51.25
	11692.00	89.72	89.61	9316.53	2397.06	143.95	2395.15	0.33	2399.47	86.56	572008.04	614057.84	N 32 34 20.22 W	104 5 50.15
	11786.00	89.69	89.09	9317.02	2491.05	145.02	2489.14	0.55	2493.36	86.67	572009.11	614151.83	N 32 34 20.23 W	104 5 49.05
	11880.00	90.58	89.35	9316.79	2585.05	146.30	2583.13	0.99	2587.27	86.76	572010.38	614245.81	N 32 34 20.24 W	104 5 47.95
	11974.00	89.72	89.11	9316.55	2679.05	147.56	2677.12	0.95	2681.19	86.85	572011.65	614339.79	N 32 34 20.25 W	104 5 46.85
	12068.00	89.72	89.37	9317.01	2774.05	148.84	2772.11	0.25	2776.11	86.93	572012.92	614434.77	N 32 34 20.26 W	104 5 45.75
	12163.00	89.69	89.15	9317.50	2868.05	150.05	2866.10	0.19	2870.03	87.00	572014.14	614528.75	N 32 34 20.27 W	104 5 44.65
	12257.00	89.35	89.57	9317.54	2962.05	151.08	2960.10	0.64	2963.95	87.08	572015.17	614622.74	N 32 34 20.28 W	104 5 43.55
	12352.00	89.76	89.31	9317.72	3057.04	152.01	3055.09	0.48	3058.87	87.15	572016.10	614717.73	N 32 34 20.29 W	104 5 42.44
	12446.00	89.83	89.52	9318.06	3151.04	152.97	3149.09	0.24	3152.80	87.22	572017.06	614811.71	N 32 34 20.29 W	104 5 41.34
	12540.00	89.59	89.11	9318.53	3245.04	154.10	3243.08	0.51	3246.74	87.28	572018.18	614905.70	N 32 34 20.30 W	104 5 40.24
	12634.00	89.31	89.27	9319.43	3339.04	155.43	3337.07	0.34	3340.68	87.33	572019.51	614999.68	N 32 34 20.31 W	104 5 39.15
	12728.00	89.59	89.71	9320.35	3434.03	156.27	3432.06	0.55	3435.61	87.39	572020.36	615094.66	N 32 34 20.32 W	104 5 38.04
	12823.00	89.90	89.28	9320.76	3528.03	157.10	3526.05	0.86	3529.55	87.45	572021.19	615188.65	N 32 34 20.33 W	104 5 36.94
	12917.00	90.03	89.03	9320.82	3622.03	158.49	3620.04	0.30	3623.49	87.52	572022.57	615282.63	N 32 34 20.34 W	104 5 35.84
	13012.00	89.83	89.65	9320.84	3717.03	159.58	3715.04	0.69	3718.46	87.54	572023.67	615377.61	N 32 34 20.35 W	104 5 34.73
	13106.00	90.58	89.01	9320.60	3811.02	160.68	3809.03	1.05	3812.42	87.58	572024.77	615471.60	N 32 34 20.35 W	104 5 33.63
	13200.00	90.66	89.59	9320.40	3905.02	161.83	3903.02	1.16	3906.37	87.63	572025.91	615565.58	N 32 34 20.36 W	104 5 32.53
	13295.00	90.03	90.86	9320.65	4000.00	161.44	3998.02	1.41	4001.27	87.69	572025.52	615660.57	N 32 34 20.36 W	104 5 31.42
	13389.00	89.69	91.53	9320.89	4093.94	159.46	4091.99	0.78	4095.10	87.77	572023.55	615754.54	N 32 34 20.34 W	104 5 30.32
	13483.00	88.11	91.26	9322.70	4187.84	157.17	4185.95	0.91	4188.90	87.85	572021.26	615848.48	N 32 34 20.31 W	104 5 29.23
	13578.00	88.24	91.39	9325.72	4282.73	154.98	4280.87	0.19	4283.88	87.93	572019.51	615943.40	N 32 34 20.29 W	104 5 28.12
	13672.00	88.76	91.33	9328.18	4376.62	153.75	4374.76	0.57	4377.47	88.00	572016.67	616037.37	N 32 34 20.26 W	104 5 27.02
	13767.00	88.76	91.02	9330.24	4470.53	150.47	4469.76	0.84	4472.29	88.07	572014.56	616131.32	N 32 34 20.24 W	104 5 25.91
	13861.00	88.73	91.23	9332.30	4565.45	148.63	4563.72	0.23	4566.14	88.13	572012.71	616226.22	N 32 34 20.22 W	104 5 24.81
	13956.00	88.66	91.37	9334.46	4660.36	146.47	4658.67	0.16	4660.98	88.20	572010.56	616321.17	N 32 34 20.19 W	104 5 23.70
	14050.00	89.14	91.31	9336.26	4754.27	144.27	4752.63	0.51	4754.82	88.26	572008.36	616415.12	N 32 34 20.17 W	104 5 22.61
	14144.00	89.14	89.33	9337.67	4848.23	143.75	4846.61	2.11</						

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 ° ' ")
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Survey Type: 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	Act Stns	17.500	13.375	NAL_NSG+MSHOT-Depth Only	Glock 17_16 WOLI Fed Com 1H / Mewbourne Glock 17_16 WOLI Fed Com 1H Gyro + MWD Off to
	1	28.000	356.000	1/98.425	17.500	13.375	NAL_NSG+MSHOT	Glock 17_16 WOLI Fed Com 1H / Mewbourne Glock 17_16 WOLI
	1	356.000	1383.000	Act Stns	17.500	13.375	NAL_NSG+MSHOT	Glock 17_16 WOLI Fed Com 1H / Mewbourne Glock 17_16 WOLI
	1	1383.000	3033.000	Act Stns	12.250	9.625	NAL_MWD_1.0_DEG	Glock 17_16 WOLI Fed Com 1H / Mewbourne Glock 17_16 WOLI
	1	3033.000	9632.000	Act Stns	8.750	7.000	NAL_MWD_1.0_DEG	Glock 17_16 WOLI Fed Com 1H / Mewbourne Glock 17_16 WOLI
	1	9632.000	19558.000	Act Stns	6.125	4.500	NAL_MWD_1.0_DEG	Glock 17_16 WOLI Fed Com 1H / Mewbourne Glock 17_16 WOLI