

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

EMNRD-OCD ARTESIA

REC'D: 5/14/2020

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 30-015-46408	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 1H
		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	330	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		330	NORTH	330	EAST	EDDY

¹² Dedicated Acres 440	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: <u>Jackie Lathan</u> Date: <u>04/22/2020</u> Printed Name: <u>Jackie Lathan</u> 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: <u>[Signature]</u> 19680 Certificate Number

S 86°59'27" W 2536.51' S 87°02'10" W 2535.15'

Job No.: LS18101139

Intent ☐ As Drilled ☒

API # 30-015-46408		Operator Name: Mewbourne Oil Company		Property Name: Fuller 13/12 W1HA Fed Com		Well Number #1H	
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Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	13	26S	29E		2947	S	365	E	Eddy
Latitude					Longitude				NAD
32.0416167					-103.9304000				83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	13	26S	29E		2314	N	373	E	Eddy
Latitude					Longitude				NAD
32.0433581					-103.9304139				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	12	26S	29E		369	N	344	E	Eddy
Latitude					Longitude				NAD
32.0633500					-103.9303444				83

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

☒

Is this well an infill well?

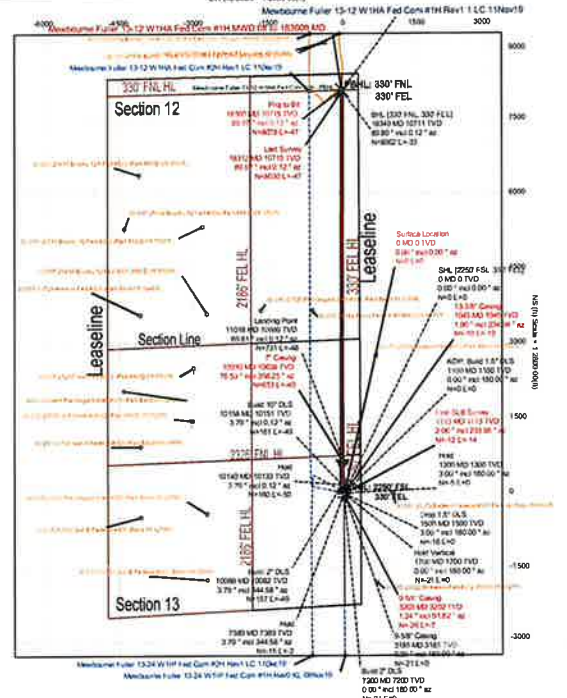
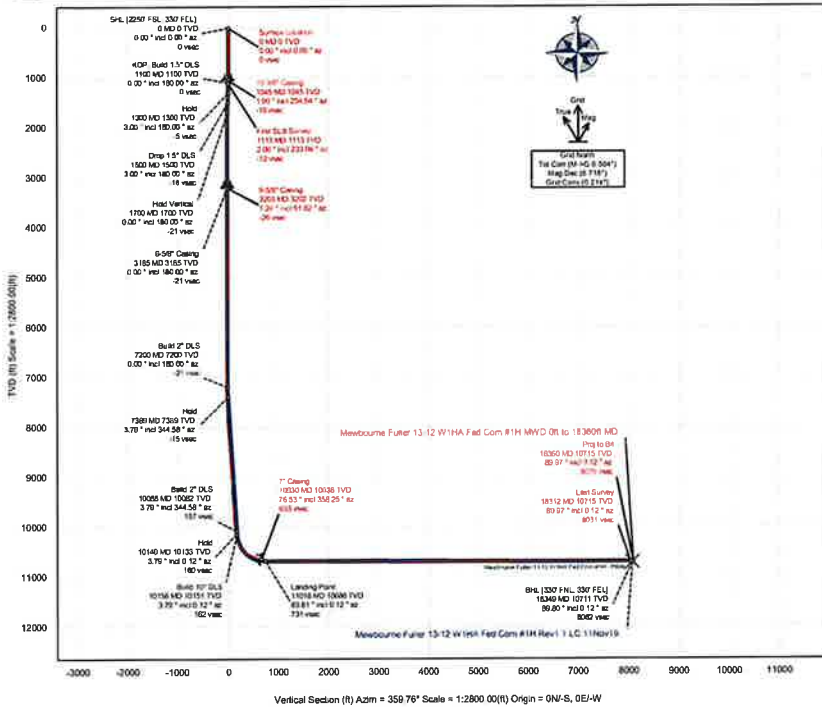
☐

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

API #		Operator Name:		Property Name:		Well Number	

KZ 06/29/2018

Borehole:		Well:		Field:		Structure:	
Fuller 13-12 W1HA Fed Com #1H		Fuller 13-12 W1HA Fed Com #1H		NM Eddy County (NAD 83)		Mewbourne Fuller 13-12 W1HA Fed Com #1H	
Gravity & Magnetic Parameters				Surface Location		Miscellaneous	
Model:	HDM 2019	Dip:	59.648°	Date:	15-Nov-2019	Slot:	New Slot
MagDec:	6.718°	FS:	47748.844mT	Gravity FS:	958.44mm/s (9.80665 Based)	TVD Ref:	RKB(3042h above MSL)
				Lat:	N 32 2 28.66	Northing:	378994.2705
				Lon:	W 103 55 48.04	Easting:	668221.1705
				Grid Conv:		0.2138°	
				Scale Fact:		0.99992695	
Cross Points							
Cross Point	MD	INCL	AZIM	TVD	VSEC	N(Y/S)	E(Y/W)
SHL [2250' FSL, 330' FEL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Build 1.5' DLS	1100.00	0.00	180.00	1100.00	0.00	0.00	0.00
Hold	1300.00	3.00	180.00	1298.91	-5.23	-5.23	0.00
Drop 1.5' DLS	1500.00	3.00	180.00	1498.63	-15.70	-15.70	0.00
Hold Vertical	1700.00	0.00	180.00	1698.54	-20.94	-20.94	0.00
3-5/8" Casing	3185.00	0.00	180.00	3184.54	-20.94	-20.94	0.00
Build 2" DLS	7200.00	0.00	180.00	7198.54	-20.94	-20.94	0.00
Hold	7389.36	3.79	344.58	7388.77	-14.90	-14.91	-1.86
Build 2" DLS	10088.43	3.79	344.58	10081.94	157.16	156.96	-48.05
Hold	10139.60	3.79	0.12	10133.00	160.48	160.28	-48.50
Build 10" DLS	10157.60	3.79	0.12	10150.96	161.67	161.47	-48.50
Landing Point	11017.72	88.81	0.12	10686.00	731.41	731.22	-48.31
BHL [330' FNL, 330' FEL]	18348.97	89.80	0.12	10711.00	8062.47	8062.41	-33.10



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 21, 2020

Mewbourne Oil Company
P.O Box 7698
Tyler, TX 75711

Re:

S13, T26S, R29 E Eddy, NM
N 32.04129 W -103.93029

CLIENT: Mewbourne Oil Company
WELL: Fuller 13/12 W1HA Fed Com 1H
FIELD: Purple Sage Wolfcamp Gas

RIG: Patterson 560
COUNTY: Eddy
API NO: 30-015-46408
JOB NO: 19MLE0230

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>
Mohamed Gaber FE	Fuller 13/12 W1HA Fed Com 1H Original Hole	1680.00 Ft to 18312.00 Ft	November 20, 2019 to December 8, 2019	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, R29 E Eddy, NM

N 32.04129 W -103.93029

I, Mohamed Gaber certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of November 20, 2019 through December 08, 2019, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 1680.00 feet to a depth of 18312.00 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 WIHA Fed Com 1H Well (Original Hole) API No. 30-015-46408 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

Mohamed Gaber

FE

M. Gaber

Subscribed and Sworn to before me this 21 day of January (month) 2020 (yr)

My Commission expires:

6/14/23

Jean Paul Langlois

Notary Public

(signature)

Comanche, Oklahoma

(County State)



Mewbourne Fuller 13-12 W1HA Fed Com #1H MWD 0ft to 18360ft MD

Survey Geodetic Report

(Def Survey)



Report Date: March 17, 2020 - 05:42 PM
 Client: Mewbourne Oil Company
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Mewbourne Fuller 13-12 W1HA Fed Com #1H / New Slot
 Well: Fuller 13-12 W1HA Fed Com #1H
 Borehole: Fuller 13-12 W1HA Fed Com #1H
 UWI / API#: Unknown / Unknown
 Survey Name: Mewbourne Fuller 13-12 W1HA Fed Com #1H MWD 0ft to 18360ft MD
 Survey Date: November 15, 2019
 Ter1 / AND / DDI / ERO Ratio: 202.872 / 1.8276 015 R / 6.459 / 0.772
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 2' 28" 65984", W 103° 55' 48" 03780"
 Location Grid N/E/Y/X: N 378994.200 RUS, E 666221.100 RUS
 CRS Grid Convergence Angle: 0.2138°
 Grid Scale Factor: 0.99992695
 Version / Patch: 2.10.810.1

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 359.760° (Grid North)
 Vertical Section Origin: 0.000 R, 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: 6.716°
 Total Gravity Field Strength: 998.443 mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 47746.465 nT
 Magnetic Dip Angle: 58.848°
 Declination Date: November 15, 2019
 Magnetic Declination Model: HDGM 2019
 North Reference: Grid North
 Grid Convergence Used: 0.2138°
 Total Corr Mag North->Grid North: 6.5023°
 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	0.00	N/A	0.00	0.00	378994.20	666221.10	N 32° 2' 28.86"	W 103° 55' 49.04"	
13-3/8" Casing First SLB Survey	219.00	0.30	0.00	219.00	0.57	0.57	0.00	0.14	0.57	0.00	378994.77	666221.10	N 32° 2' 28.67"	W 103° 55' 49.04"	
	305.00	0.50	0.00	305.00	1.17	1.17	0.00	0.23	1.17	0.00	378995.37	666221.10	N 32° 2' 28.67"	W 103° 55' 49.04"	
	483.00	1.10	0.00	482.98	3.66	3.66	0.00	0.34	3.66	0.00	378997.86	666221.10	N 32° 2' 28.70"	W 103° 55' 49.04"	
	658.00	3.20	204.00	657.91	0.88	0.88	-1.97	2.42	2.17	293.77	378995.08	666219.11	N 32° 2' 28.67"	W 103° 55' 49.06"	
	751.00	1.90	217.00	750.81	-2.71	-2.73	-3.97	1.52	4.82	235.52	378991.47	666217.13	N 32° 2' 28.63"	W 103° 55' 49.08"	
	938.00	2.50	230.00	937.67	-7.79	-7.82	-8.96	0.42	11.90	228.87	378996.38	666212.14	N 32° 2' 28.58"	W 103° 55' 49.14"	
	1043.00	1.90	235.00	1042.60	-10.24	-10.30	-12.14	0.60	15.92	229.70	378983.91	666208.96	N 32° 2' 28.56"	W 103° 55' 49.18"	
	1045.00	1.90	234.94	1044.60	-10.28	-10.33	-12.20	0.25	15.98	229.73	378983.87	666208.91	N 32° 2' 28.56"	W 103° 55' 49.18"	
	1113.00	2.06	233.06	1112.56	-11.86	-11.72	-14.10	0.25	18.33	230.27	378982.48	666207.00	N 32° 2' 28.54"	W 103° 55' 49.20"	
	1302.00	1.89	181.82	1301.46	-16.80	-16.87	-16.90	0.91	23.88	225.05	378977.33	666204.20	N 32° 2' 28.49"	W 103° 55' 49.23"	
	1386.00	1.74	191.88	1386.41	-19.76	-19.82	-17.24	0.38	26.27	221.01	378974.38	666203.86	N 32° 2' 28.46"	W 103° 55' 49.24"	
	1481.00	1.30	188.35	1480.38	-22.22	-22.30	-17.69	0.47	28.46	218.43	378971.90	666203.41	N 32° 2' 28.44"	W 103° 55' 49.24"	
	1586.00	0.73	136.46	1585.36	-23.73	-23.80	-17.43	0.08	29.50	216.22	378970.40	666203.67	N 32° 2' 28.42"	W 103° 55' 49.24"	
	1680.00	0.69	111.59	1679.36	-24.38	-24.45	-16.49	0.33	29.49	214.01	378969.76	666204.61	N 32° 2' 28.42"	W 103° 55' 49.23"	
	1775.00	0.60	119.60	1774.35	-24.84	-24.90	-15.53	0.13	29.35	211.95	378969.30	666205.57	N 32° 2' 28.41"	W 103° 55' 49.22"	
	1870.00	0.40	118.08	1868.35	-25.24	-25.30	-14.80	0.21	29.32	210.33	378968.90	666206.30	N 32° 2' 28.41"	W 103° 55' 49.21"	
	1964.00	0.40	152.36	1963.34	-25.69	-25.75	-14.02	0.12	29.48	208.10	378968.45	666206.74	N 32° 2' 28.41"	W 103° 55' 49.21"	
	2059.00	0.34	137.73	2058.34	-26.19	-26.25	-14.02	0.25	29.76	208.10	378967.95	666207.08	N 32° 2' 28.40"	W 103° 55' 49.20"	
	2154.00	0.41	132.78	2153.34	-26.83	-26.89	-13.68	0.08	29.95	206.97	378967.51	666207.52	N 32° 2' 28.40"	W 103° 55' 49.20"	
	2248.00	0.28	184.62	2247.34	-27.09	-27.15	-13.35	0.34	30.25	206.19	378967.05	666207.75	N 32° 2' 28.39"	W 103° 55' 49.19"	
9-5/8" Casing	2343.00	0.53	214.27	2342.34	-27.86	-27.74	-13.62	0.34	30.90	206.14	378966.46	666207.48	N 32° 2' 28.39"	W 103° 55' 49.20"	
	2438.00	0.52	231.35	2437.33	-28.31	-28.37	-14.20	0.16	31.73	206.59	378965.83	666206.90	N 32° 2' 28.38"	W 103° 55' 49.20"	
	2532.00	0.87	230.88	2531.32	-29.03	-29.09	-15.09	0.37	32.77	207.41	378965.11	666206.01	N 32° 2' 28.37"	W 103° 55' 49.21"	
	2627.00	0.79	32.64	2626.32	-28.93	-28.99	-15.29	1.73	32.78	207.81	378965.21	666205.81	N 32° 2' 28.37"	W 103° 55' 49.22"	
	2722.00	1.06	37.92	2721.31	-27.69	-27.75	-14.40	0.30	31.26	207.43	378966.45	666206.70	N 32° 2' 28.39"	W 103° 55' 49.21"	
	2816.00	0.73	23.43	2815.30	-26.46	-26.51	-13.63	0.42	29.81	207.20	378967.89	666207.47	N 32° 2' 28.40"	W 103° 55' 49.20"	
	2911.00	0.64	60.55	2910.29	-25.64	-25.70	-12.93	0.47	28.77	206.70	378968.50	666208.18	N 32° 2' 28.41"	W 103° 55' 49.19"	
	3005.00	1.20	92.92	3004.28	-25.44	-25.49	-11.49	0.79	27.96	204.26	378968.71	666209.62	N 32° 2' 28.41"	W 103° 55' 49.17"	
	3100.00	1.35	90.29	3098.26	-25.51	-25.55	-9.37	0.17	27.21	200.15	378968.66	666211.73	N 32° 2' 28.41"	W 103° 55' 49.15"	
	3144.00	1.31	98.68	3143.24	-25.51	-25.65	-8.35	0.10	26.88	198.10	378968.66	666212.75	N 32° 2' 28.41"	W 103° 55' 49.14"	
	3203.00	1.24	91.62	3202.23	-25.53	-25.56	-7.04	0.15	26.51	195.40	378968.64	666214.06	N 32° 2' 28.41"	W 103° 55' 49.12"	
	3233.00	1.20	92.75	3232.22	-25.56	-25.58	-6.40	0.15	26.37	194.05	378968.62	666214.70	N 32° 2' 28.41"	W 103° 55' 49.11"	
	3327.00	1.08	87.96	3326.20	-25.58	-25.60	-4.53	0.16	26.00	190.05	378968.60	666216.57	N 32° 2' 28.41"	W 103° 55' 49.09"	
	3422.00	1.12	96.25	3421.19	-25.49	-25.51	-3.05	0.05	25.65	186.07	378968.60	666218.38	N 32° 2' 28.41"	W 103° 55' 49.07"	
	3517.00	1.18	78.74	3516.17	-25.25	-25.28	-0.83	0.17	25.27	181.86	378968.65	666220.27	N 32° 2' 28.41"	W 103° 55' 49.05"	
	3611.00	1.08	72.11	3610.15	-24.80	-24.80	0.95	0.17	24.81	177.77	378969.41	666222.06	N 32° 2' 28.41"	W 103° 55' 49.03"	
	3706.00	0.98	72.86	3705.13	-24.29	-24.28	2.59	0.11	24.42	173.90	378969.92	666223.69	N 32° 2' 28.42"	W 103° 55' 49.01"	
	3800.00	0.83	76.79	3800.12	-23.90	-23.89	4.02	0.17	24.22	170.44	378970.32	666225.12	N 32° 2' 28.42"	W 103° 55' 48.99"	
	3895.00	0.80	73.51	3894.11	-23.56	-23.54	5.33	0.06	24.14	167.24	378970.86	666226.43	N 32° 2' 28.43"	W 103° 55' 48.98"	
	3990.00	1.02	53.67	3989.10	-22.86	-22.85	6.65	0.40	23.80	163.67	378971.35	666227.75	N 32° 2' 28.43"	W 103° 55' 48.96"	
	4084.00	1.19	57.83	4083.08	-21.87	-21.84	8.15	0.20	23.31	158.54	378972.37	666228.25	N 32° 2' 28.44"	W 103° 55' 48.94"	
	4179.00	1.27	54.53	4178.06	-20.74	-20.70	9.84	0.11	22.92	154.58	378973.50	666230.94	N 32° 2' 28.45"	W 103° 55' 48.92"	
	4274.00	0.91	54.15	4273.04	-19.69	-19.65	11.31	0.38	22.67	150.08	378974.55	666232.41	N 32° 2' 28.47"	W 103° 55' 48.91"	
	4368.00	1.03	66.31	4367.03	-18.92	-18.87	12.69	0.25	22.74	146.09	378975.33	666233.79	N 32° 2' 28.47"	W 103° 55' 48.89"	
	4463.00	0.95	64.58	4462.02	-18.25	-18.19	14.18	0.09	23.06	142.05	378976.01	666235.28	N 32° 2' 28.48"	W 103° 55' 48.87"	
	4557.00	0.81	70.87	4556.01	-17.70	-17.70	15.51	0.18	23.49	138.67	378976.56	666236.61	N 32° 2' 28.48"	W 103° 55' 48.86"	
	4652.00	0.79	103.65	4651.00	-17.84	-17.64	16.78	0.47	24.30	136.31	378976.63	666237.88	N 32° 2' 28.49"	W 103° 55' 48.84"	
	4746.00	0.64	98.96	4744.99	-17.86	-17.80	17.93	0.17	25.27	134.80	378976.40	666238.03	N 32° 2' 28.48"	W 103° 55' 48.83"	
	4841.00	0.69	108.68	4839.98	-18.15	-18.07	19.00	0.13	26.22	133.57	378976.13	666240.10	N 32° 2' 28.48"	W 103° 55' 48.82"	
	4935.00	0.55	138.46	4933.98	-18.68	-18.58	19.83	0.38	27.18	133.16	378976.61	666240.93	N 32° 2' 28.48"	W 103° 55' 48.81"	
	5030.00	0.56	140.23	5028.97	-19.38	-19.30	20.42	0.01	28.10	133.39	378977.80	666241.52	N 32° 2' 28.47"	W 103° 55' 48.80"	
	5124.00	0.75	142.18	5122.97	-20.23	-20.14	21.08	0.20	29.16	131.67	378978.06	666242.19	N 32° 2' 28.46"	W 103° 55' 48.79"	
	5219.00	0.52	148.15	5217.96	-21.09	-21.00	21.89	0.25	30.19	134.07	378978.20	666242.79	N 32° 2' 28.45"	W 103° 55' 48.79"	
	5314.00	0.75	168.95	5312.96	-22.07	-21.98	22.03	0.33	31.12	134.93	378978.22	666243.13	N 32° 2' 28.44"	W 103° 55' 48.78"	
	5408.00	0.60	171.50	5406.95	-22.16	-23.07	22.22	0.16	32.03	136.07	378979.13	666243.32	N 32° 2' 28.44"	W 103° 55' 48.78"	
	5503.00	0.60	161.15	5501.94	-24.13	-24.03	22.46	0.11	32.89	136.94	378979.17	666243.56	N 32° 2' 28.42"	W 103° 55' 48.78"	
	5598.00	0.88	177.46	5596.94	-25.33	-25.23	22.65	0.37	33.91	138.09	378979.97	666243.75	N 32° 2' 28.41"	W 103° 55' 48.76"	
	5692.00	1.03	176.70	5690.92	-26.89	-26.80	22.73	0.16	35.14	139.89	378980.41	666243.83	N 32° 2' 28.39"	W 103° 55' 48.77"	
	5787.00	1.01	182.16	5785.91	-28.00	-28.47	23.01	0.28	36.95	141.52	378980.74	666244.00	N 32° 2' 28.38"	W 103° 55' 48.76"	
	5881.00	0.84	197.61	5879.90	-30.03	-29.93	22.22	0.20	37.28	143.41	378981.27	666243.32	N 32° 2' 28.36"	W 103° 55' 48.78"	
	5975.00	1.06	200.89	5973.88	-31.49	-31.49	21.70	0.24	38.17	145.35	378982.80	666242.80	N 32° 2' 28.35"	W 103° 55' 48.79"	
	6070.00	0.98	201.38	6068.67	-33.07	-32.98	21.09	0							
	6165.00	0.98	201.38	6068.67	-33.07	-32.98	21.09	0							
	6259.00	1.53	197.06	6257.82	-36.81	-36.72	19.75	0.40	41.70	151.73	378987.48	666240.85	N 32° 2' 28.30"	W 103° 55' 48.81"	
	6354.00	1.76	213.51	6352.79	-39.23	-39.3									

Comments	MD (ft)	Incl (°)	Azim 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 ° ° ' °)
	9004.00	3.27	353.02	8998.35	50.28	50.19	-23.02	1.71	55.21	335.36	379044.38	666198.09	N 32 2 29.16 W 103 55 49.30	
	9008.00	3.66	344.37	9052.18	55.84	55.74	-24.15	0.69	80.74	336.57	379049.93	666198.95	N 32 2 29.21 W 103 55 49.32	
	9193.00	2.21	354.75	9187.05	60.59	60.48	-25.13	1.62	63.50	337.43	379054.86	666199.97	N 32 2 29.26 W 103 55 49.33	
	9287.00	2.03	352.90	9280.90	64.06	63.95	-26.30	0.28	68.77	338.42	379058.15	666199.01	N 32 2 29.29 W 103 55 49.33	
	9382.00	3.44	349.49	9375.88	68.54	68.44	-25.81	1.57	73.14	339.34	379062.63	666199.29	N 32 2 29.34 W 103 55 49.33	
	9476.00	4.44	358.09	9468.65	74.96	74.85	-26.45	1.23	79.38	340.54	379068.04	666199.66	N 32 2 29.40 W 103 55 49.34	
	9571.00	4.68	350.14	9564.35	82.45	82.34	-27.23	0.71	86.73	341.70	379076.53	666199.87	N 32 2 29.48 W 103 55 49.35	
	9685.00	4.00	347.60	9658.08	88.44	88.32	-28.59	0.75	93.78	342.25	379083.51	666199.51	N 32 2 29.54 W 103 55 49.37	
	9780.00	3.24	348.74	9752.86	95.31	95.19	-29.83	0.80	99.75	342.60	379088.38	666199.27	N 32 2 29.60 W 103 55 49.38	
	9855.00	4.53	343.92	9847.67	101.56	101.43	-31.39	1.40	106.17	342.80	379095.62	666199.01	N 32 2 29.66 W 103 55 49.40	
	9850.00	4.18	345.28	9842.40	108.52	108.38	-33.31	0.38	113.38	342.91	379102.57	666197.79	N 32 2 29.73 W 103 55 49.42	
	10044.00	3.78	348.48	10036.17	114.87	114.73	-34.80	0.49	119.88	343.13	379108.92	666198.30	N 32 2 29.80 W 103 55 49.44	
	10079.00	3.53	346.99	10071.10	117.06	116.91	-35.27	0.76	122.12	343.21	379111.10	666198.83	N 32 2 29.82 W 103 55 49.44	
	10182.00	9.24	355.68	10173.42	128.41	128.26	-36.61	5.61	133.38	344.07	379122.45	666184.49	N 32 2 29.93 W 103 55 49.46	
	10230.00	15.19	0.80	10220.32	138.55	138.40	-38.94	12.57	143.21	345.10	379132.59	666184.27	N 32 2 30.03 W 103 55 49.46	
	10277.00	19.61	359.95	10265.15	152.60	152.45	-38.78	9.41	156.82	346.44	379146.64	666184.32	N 32 2 30.17 W 103 55 49.46	
	10324.00	25.37	0.72	10308.56	170.57	170.42	-38.66	12.27	174.32	347.86	379164.60	666184.44	N 32 2 30.35 W 103 55 49.46	
	10371.00	30.44	1.31	10350.08	192.55	192.40	-38.26	10.80	195.79	348.33	379186.59	666184.84	N 32 2 30.57 W 103 55 49.45	
	10466.00	42.36	2.35	10426.41	248.78	248.64	-34.30	12.86	251.01	352.13	379242.82	666188.71	N 32 2 31.12 W 103 55 49.43	
	10560.00	50.98	1.78	10490.85	317.04	316.91	-31.95	9.18	318.52	357.32	379246.72	666189.56	N 32 2 31.22 W 103 55 49.47	
	10655.00	60.65	359.02	10544.17	385.52	385.39	-31.61	10.48	336.84	355.44	379389.56	666188.15	N 32 2 32.57 W 103 55 49.48	
	10750.00	67.15	357.89	10585.95	480.76	480.62	-33.99	6.96	481.82	355.95	379474.78	666187.11	N 32 2 33.42 W 103 55 49.41	
	10844.00	74.71	358.26	10616.64	589.49	589.34	-37.12	8.06	570.55	356.27	379563.50	666183.99	N 32 2 34.30 W 103 55 49.44	
	10883.00	75.33	358.41	10626.72	607.15	607.00	-38.21	1.83	608.20	356.40	379601.15	666182.89	N 32 2 34.67 W 103 55 49.46	
	10930.00	76.53	358.25	10638.15	652.73	652.57	-39.54	2.57	653.77	356.53	379646.72	666181.56	N 32 2 35.12 W 103 55 49.47	
	10963.00	77.37	358.14	10645.80	686.95	686.70	-40.55	3.86	685.80	356.61	379678.85	666180.55	N 32 2 35.62 W 103 55 49.48	
	11058.00	78.53	358.07	10652.22	778.26	778.01	-41.57	4.76	775.27	356.84	379772.23	666178.14	N 32 2 36.36 W 103 55 49.50	
	11152.00	85.56	359.14	10673.06	871.66	871.41	-41.57	3.98	872.62	357.07	379865.62	666176.53	N 32 2 37.29 W 103 55 49.52	
	11247.00	89.07	358.24	10677.51	966.53	966.34	-46.74	0.81	967.47	357.23	379960.47	666174.36	N 32 2 38.22 W 103 55 49.54	
	11341.00	89.55	358.16	10678.65	1060.49	1060.29	-49.70	0.52	1061.45	357.32	380054.41	666171.41	N 32 2 39.15 W 103 55 49.57	
	11436.00	88.79	356.51	10680.02	1165.39	1165.17	-54.11	1.91	1166.44	357.32	380149.28	666168.99	N 32 2 40.09 W 103 55 49.62	
	11530.00	89.72	358.07	10681.24	1249.25	1249.05	-58.56	1.93	1250.42	357.32	380243.16	666162.55	N 32 2 41.02 W 103 55 49.66	
	11624.00	88.48	359.53	10681.98	1343.27	1343.07	-60.52	1.87	1344.39	357.42	380337.43	666160.58	N 32 2 41.95 W 103 55 49.68	
	11719.00	89.59	359.86	10682.67	1438.27	1438.02	-61.03	0.37	1439.32	357.57	380432.11	666160.07	N 32 2 42.89 W 103 55 49.68	
	11814.00	89.66	359.86	10683.29	1533.26	1533.01	-62.09	1.06	1534.27	357.68	380527.10	666159.01	N 32 2 43.83 W 103 55 49.69	
	11908.00	89.69	0.85	10683.83	1627.25	1627.01	-62.49	1.90	1628.21	357.80	380621.06	666158.61	N 32 2 44.76 W 103 55 49.69	
	12002.00	89.62	0.33	10684.39	1721.25	1721.00	-61.80	0.35	1722.11	357.85	380715.07	666158.42	N 32 2 45.68 W 103 55 49.69	
	12097.00	89.59	0.83	10685.05	1816.23	1816.03	-60.75	0.61	1817.01	358.08	380810.06	666158.38	N 32 2 46.59 W 103 55 49.69	
	12191.00	89.31	10685.95	1910.21	1909.96	1909.76	-59.17	0.39	1910.89	358.23	380904.03	666161.94	N 32 2 47.56 W 103 55 49.64	
	12286.00	89.55	359.95	10687.83	2090.18	2089.96	-57.47	0.60	2099.74	358.43	381093.03	666163.63	N 32 2 49.43 W 103 55 49.61	
	12475.00	89.72	358.79	10688.43	2194.18	2193.95	-57.88	0.25	2194.71	358.49	381187.99	666163.43	N 32 2 50.37 W 103 55 49.61	
	12569.00	89.69	359.51	10688.92	2288.18	2287.95	-58.25	0.30	2288.69	358.54	381281.96	666162.85	N 32 2 51.30 W 103 55 49.62	
	12664.00	89.42	0.70	10689.66	2383.17	2382.95	-58.08	1.28	2383.65	358.60	381376.97	666163.03	N 32 2 52.24 W 103 55 49.61	
	12759.00	88.28	358.99	10691.56	2478.14	2477.92	-64.71	1.24	2478.61	358.63	381471.94	666162.70	N 32 2 53.18 W 103 55 49.61	
	12853.00	89.38	359.73	10693.48	2572.12	2571.89	-59.53	1.47	2572.58	358.67	381565.90	666161.57	N 32 2 54.11 W 103 55 49.62	
	12948.00	89.68	0.25	10694.25	2667.12	2666.89	-59.55	0.64	2667.55	358.72	381660.89	666161.56	N 32 2 55.05 W 103 55 49.61	
	13042.00	89.55	0.45	10694.86	2761.11	2760.89	-59.07	0.26	2761.52	358.78	381754.88	666162.13	N 32 2 55.98 W 103 55 49.60	
	13137.00	89.45	0.93	10695.71	2856.09	2855.87	-57.83	0.52	2856.46	358.84	381849.86	666163.27	N 32 2 56.92 W 103 55 49.59	
	13232.00	89.48	359.99	10696.59	2951.08	2950.87	-57.07	0.99	2951.42	358.89	381944.84	666164.04	N 32 2 57.86 W 103 55 49.57	
	13326.00	89.69	359.87	10697.27	3045.06	3044.86	-57.18	0.60	3045.40	358.92	382039.84	666163.92	N 32 2 58.79 W 103 55 49.57	
	13421.00	89.76	0.03	10697.73	3140.07	3139.86	-57.27	0.18	3140.38	358.96	382133.83	666163.64	N 32 2 59.73 W 103 55 49.57	
	13516.00	89.65	359.83	10698.04	3235.07	3234.86	-57.38	0.24	3235.37	358.98	382228.82	666163.72	N 32 3 0.67 W 103 55 49.56	
	13610.00	89.35	359.59	10698.69	3329.07	3328.86	-57.86	0.60	3329.36	359.00	382322.81	666163.25	N 32 3 1.60 W 103 55 49.57	
	13800.00	89.73	359.99	10700.22	3519.06	3518.85	-58.55	0.29	3519.34	359.05	382425.79	666162.65	N 32 3 3.48 W 103 55 49.57	
	13895.00	88.83	359.97	10701.41	3614.08	3613.84	-58.59	0.95	3614.32	359.07	382527.77	666162.52	N 32 3 4.42 W 103 55 49.57	
	13989.00	89.50	0.07	10703.27	3708.03	3707.82	-57.73	1.17	3708.27	359.11	382627.74	666163.37	N 32 3 5.35 W 103 55 49.55	
	14178.00	89.97	0.81	10705.14	3806.97	3806.76	-54.63	0.58	3807.16	359.20	382729.69	666166.47	N 32 3 7.22 W 103 55 49.50	
	14273.00	90.83	359.61	10704.47	3901.97	3901.77	-54.28	1.55	3902.14	359.22	382828.58	666166.82	N 32 3 8.16 W 103 55 49.50	
	14368.00	90.00	0.36	10703.79	4006.96	4006.77	-54.31	1.18	4007.13	359.24	383080.86	666166.79	N 32 3 9.10 W 103 55 49.49	
	14462.00	89.93	0.30	10703.84	4100.96	4100.77	-53.77	0.10	4101.11	359.26	383174.86	666167.33	N 32 3 10.03 W 103 55 49.48	
	14557.00	90.52	0.20	10703.47	4278.95	4278.77	-53.35	0.63	4278.10	359.29	383268.65	666167.75	N 32 3 10.97 W 103 55 49.47	
	14746.00	90.14	1.26	10702.36	4464.92	4464.75	-50.95	0.60	4465.04	359.35	383458.61	666170.16	N 32 3 12.84 W 103 55 49.44	
	14841.00	89.69	0.72	10702.52	4559.90	4559.73	-49.31	0.74	4560.00	359.38	383553.59	666171.80	N 32 3 13.78 W 103 55 49.41	
	14936.00	90.24	1.30	10702.56	4654.87	4654.72	-47.63	0.84	4654.96	359.41	383648.57	666173.47	N 32 3 14.72 W 103 55 49.39	
	15030.00	90.17	1.41	10702.24	4748.84	4748.69	-45.41	0.14	4748.91	359.45	383742.53	666175.70	N 32 3 15.65 W 103 55 49.36	
	15125.00	89.86	359.66	10702.22	4843.82	4843.68	-44.52	1.87	4843.89	359.47	383837.52	666176.58	N 32 3 16.59 W 103 55 49.34	
	15219.00	90.07	0.87	10702.28	4937.82	4937.68	-44.08	1.24	4937.87	359.49	383932.51	666177.02	N 32 3 17.52 W 103 55 49.34	
	15314.00	90.00	0.07	10702.22										