

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AS-DRILLED PLAT

¹ API Number 30-015-45491	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 325599	⁵ Property Name POKER LAKE UNIT 28 BS	⁶ Well Number 907H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,337'

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
H	28	25 S	31 E		2,310	NORTH	690	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	26 S	31 E		109	SOUTH	1,002	EAST	EDDY

¹² Dedicated Acres 800	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY

¹⁶ GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 401,304.5 X= 672,491.2 LAT.= 32.102077°N LONG.= 103.776286°W KICK OFF POINT NAD 27 NME Y= 401,297.3 X= 672,356.6 LAT.= 32.102059°N LONG.= 103.776721°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 400,969.2 N, X= 673,180.1 E B - Y= 400,962.8 N, X= 671,850.9 E C - Y= 398,320.0 N, X= 673,176.8 E D - Y= 398,312.1 N, X= 671,845.7 E E - Y= 395,671.4 N, X= 673,189.8 E F - Y= 395,661.9 N, X= 671,859.4 E G - Y= 393,022.8 N, X= 673,202.8 E H - Y= 393,012.5 N, X= 671,873.1 E I - Y= 390,358.7 N, X= 673,210.7 E J - Y= 390,347.9 N, X= 671,881.5 E K - Y= 387,693.4 N, X= 670,218.1 E L - Y= 387,683.4 N, X= 671,889.6 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 401,027.1 N, X= 714,365.8 E B - Y= 401,020.7 N, X= 713,036.5 E C - Y= 398,377.8 N, X= 714,362.6 E D - Y= 398,369.9 N, X= 713,031.4 E E - Y= 395,729.1 N, X= 714,375.7 E F - Y= 395,719.6 N, X= 713,045.2 E G - Y= 393,080.5 N, X= 714,388.8 E H - Y= 393,070.2 N, X= 713,059.0 E I - Y= 390,416.3 N, X= 714,396.8 E J - Y= 390,405.5 N, X= 713,067.5 E K - Y= 387,751.0 N, X= 711,404.2 E L - Y= 387,741.0 N, X= 713,075.8 E LAST TAKE POINT NAD 27 NME Y= 388,427.9 X= 672,247.6 LAT.= 32.066684°N LONG.= 103.777288°W BOTTOM HOLE LOCATION NAD 27 NME Y= 387,794.8 X= 672,215.9 LAT.= 32.064944°N LONG.= 103.777400°W GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 401,362.4 X= 713,676.8 LAT.= 32.102202°N LONG.= 103.776764°W KICK OFF POINT NAD 83 NME Y= 401,355.2 X= 713,542.2 LAT.= 32.102184°N LONG.= 103.777199°W FIRST TAKE POINT NAD 83 NME Y= 400,587.7 X= 713,401.5 LAT.= 32.100076°N LONG.= 103.777666°W FIRST TAKE POINT NAD 27 NME Y= 400,529.8 X= 672,215.8 LAT.= 32.099952°N LONG.= 103.777189°W LAST TAKE POINT NAD 83 NME Y= 388,485.5 X= 713,433.7 LAT.= 32.066809°N LONG.= 103.777764°W BOTTOM HOLE LOCATION NAD 83 NME Y= 387,852.4 X= 713,402.1 LAT.= 32.065069°N LONG.= 103.777876°W		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. Cassie Evans 11/2/20 Signature Date Cassie Evans Printed Name cassie.evans@exxonmobil.com 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. 10-27-2020 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number JC 2017071002
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Intent ☐ As Drilled ☒

API #
30-015-45491

Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: POKER LAKE UNIT 28 BS	Well Number 907H
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Kick Off Point (KOP)

UL H	Section 28	Township 25S	Range 31E	Lot	Feet 2317	From N/S North	Feet 825	From E/W East	County EDDY
Latitude 32.102184					Longitude 103.777199			NAD 83	

First Take Point (FTP)

UL I	Section 28	Township 25S	Range 31E	Lot	Feet 2216	From N/S FSL	Feet 964	From E/W FEL	County EDDY
Latitude 32.099952					Longitude 103.777189			NAD 83	

Last Take Point (LTP)

UL P	Section 4	Township 26S	Range 31E	Lot	Feet 742	From N/S FSL	Feet 968	From E/W FEL	County EDDY
Latitude 32.066809					Longitude 103.777764			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 #

Operator Name:	Property Name:	Well Number
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KZ 06/29/2018

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)



October 1, 2019

XTO Permian Operating LLC
810 Houston St.
Fort Worth, TX, 76102

Re:

S28, T25S, R31E Eddy, NM
N 32.102202 W -103.776764

CLIENT: XTO Permian Operating LLC
WELL: Poker Lake Unit 28 BS 907H
FIELD: Jennings, Bone Spring West

RIG: Nabors F15
COUNTY: Eddy
API NO: 30-015-45491
JOB NO: 19MLE0214

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>
Gale Robertson FS	Poker Lake Unit 28 BS 907H Original Hole	11679.00 Ft to 25778.00 Ft	August 11, 2019 to September 1, 2019	SlimPulse 3rd Party Corrected

Reservoir Development

Schlumberger Drilling and Measurements

7220 W I-H 20

Midland, Texas 79706

Phone : (432) 742-5400 (Main)

Fax : (432) 742-5606 (Shared)

Well Reference:

S28, T25S, R31E Eddy, NM

N 32.102202 W -103.776764

I, Gale Robertson certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of August 11, 2019 through September 01, 2019, conduct or supervise the taking of the SlimPulse & 3rd Party Corrected surveys from a depth of 11679.00 Ft.00 feet to a depth of 25778.00 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 XTO Permian Operating LLC for the Poker Lake Unit 28 BS 907H Well (Original Hole) API No. 30-015-45491 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
Gale Robertson
FS



Subscribed and Sworn to before me this 1 day of October (month) 2019 (yr)

My Commission expires:

6/14/2023

Jean-Paul Langlois (signature)

Notary Public

Comanche, Oklahoma

(County State)





State of New Mexico
County of Eddy

I, Jeremy Esqueda, certify that: I am employed by WellBenders Directional Services LLC; that I did on the day(s) of June 5, 2019 through June 15, 2019 conduct or supervise the taking of MWD Directional Survey from a depth of 1,221 feet to a depth of 11,559 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by WellBenders Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc. for the State of New Mexico; Well: Poker Lake Unit 28 Big Sink 167H in Eddy County; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by WellBenders Directional Services LLC.

Jeremy Esqueda
(Sign Name)

Jeremy Esqueda
MWD Manager
Digitally Signed by Jeremy Esqueda

Final Surveys XTO Energy PLU 28 Big Sinks 907H (167H) 0 ft to 25860 ft

Survey Geodetic Report

(Def Survey)



Report Date: September 09, 2019 - 11:27 AM
Client: XTO Energy
Field: NM Eddy County (NAD 27)
Structure / Slot: XTO Energy PLU 28 Big Sinks 907H (167H) / 167H
Well: PLU 28 BS 907H (167H)
Borehole: PLU 28 BS 907H (167H)
UWI / API#: Unknown / Unknown
Survey Name: Final Surveys XTO Energy PLU 28 Big Sinks 907H (167H) 0 ft to 25860 ft
Survey Date: August 02, 2019
Tort / AHD / DDI / ERD Ratio: 354.515 ° / 13816.203 ft / 6.998 / 1.086
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 6' 7.47784", W 103° 46' 34.63106"
Location Grid N/E Y/X: N 401304.500 ftUS, E 672491.200 ftUS
CRS Grid Convergence Angle: 0.2960 °
Grid Scale Factor: 0.99994317
Version / Patch: 2.10.782.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 181.167 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3369.000 ft above MSL
Seabed / Ground Elevation: 3337.000 ft above MSL
Magnetic Declination: 6.655 °
Total Gravity Field Strength: 998.4235mgN (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47774.408 nT
Magnetic Dip Angle: 59.716 °
Declination Date: August 25, 2019
Magnetic Declination Model: HDGM 2019
North Reference: Grid North
Grid Convergence Used: 0.2960 °
Total Corr Mag North->Grid North: 6.3594 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	401304.50	672491.20	N 32 6 7.48	W 103 46 34.63
	141.00	0.10	5.57	141.00	-0.12	0.12	0.01	0.07	401304.62	672491.21	N 32 6 7.48	W 103 46 34.63
	168.00	0.40	227.57	168.00	-0.08	0.08	-0.06	1.77	401304.58	672491.14	N 32 6 7.48	W 103 46 34.63
	342.00	1.10	348.57	341.99	-1.29	1.31	-0.83	0.78	401305.81	672490.37	N 32 6 7.49	W 103 46 34.64
	426.00	1.20	345.57	425.97	-2.93	2.95	-1.21	0.14	401307.45	672489.99	N 32 6 7.51	W 103 46 34.64
	526.00	1.30	347.57	525.95	-5.04	5.07	-1.72	0.11	401309.57	672489.48	N 32 6 7.53	W 103 46 34.65
	621.00	1.00	321.57	620.93	-6.72	6.78	-2.47	0.63	401311.28	672488.73	N 32 6 7.55	W 103 46 34.66
	714.00	0.30	47.57	713.93	-7.52	7.58	-2.79	1.10	401312.08	672488.41	N 32 6 7.55	W 103 46 34.66
	808.00	0.40	230.57	807.92	-7.47	7.53	-2.86	0.74	401312.03	672488.34	N 32 6 7.55	W 103 46 34.66
	900.00	0.50	159.57	899.92	-6.89	6.95	-2.97	0.57	401311.45	672488.23	N 32 6 7.55	W 103 46 34.67
	1089.00	0.80	261.57	1088.91	-5.90	5.99	-3.99	0.54	401310.49	672487.21	N 32 6 7.54	W 103 46 34.68
	1182.00	0.50	187.57	1181.91	-5.39	5.49	-4.68	0.88	401309.99	672486.52	N 32 6 7.53	W 103 46 34.69
18.625 Casing Shoe	1274.00	0.42	206.48	1273.91	-4.69	4.79	-4.89	0.19	401309.29	672486.31	N 32 6 7.53	W 103 46 34.69
	1316.00	0.40	217.13	1315.91	-4.43	4.54	-5.04	0.19	401309.04	672486.16	N 32 6 7.52	W 103 46 34.69
	1410.00	0.70	243.23	1409.90	-3.90	4.02	-5.75	0.41	401308.52	672485.45	N 32 6 7.52	W 103 46 34.70
	1504.00	0.40	260.54	1503.90	-3.57	3.70	-6.59	0.36	401308.20	672484.61	N 32 6 7.51	W 103 46 34.71
	1597.00	0.48	245.16	1596.89	-3.34	3.49	-7.26	0.15	401307.99	672483.94	N 32 6 7.51	W 103 46 34.72
	1692.00	0.40	194.63	1691.89	-2.84	3.00	-7.71	0.40	401307.50	672483.49	N 32 6 7.51	W 103 46 34.72
	1786.00	0.31	208.60	1785.89	-2.30	2.46	-7.91	0.13	401306.96	672483.29	N 32 6 7.50	W 103 46 34.72
	1880.00	0.48	309.76	1879.89	-2.32	2.49	-8.34	0.66	401306.99	672482.86	N 32 6 7.50	W 103 46 34.73
	1974.00	0.79	309.32	1973.88	-2.96	3.15	-9.14	0.33	401307.65	672482.06	N 32 6 7.51	W 103 46 34.74
	2068.00	0.79	306.86	2067.87	-3.74	3.95	-10.16	0.04	401308.45	672481.04	N 32 6 7.52	W 103 46 34.75
	2162.00	1.10	305.72	2161.86	-4.63	4.86	-11.41	0.33	401309.36	672479.79	N 32 6 7.53	W 103 46 34.76
	2255.00	0.88	308.53	2254.85	-5.57	5.83	-12.70	0.24	401310.33	672478.51	N 32 6 7.54	W 103 46 34.78
	2349.00	1.32	308.27	2348.83	-6.66	6.95	-14.11	0.47	401311.45	672477.09	N 32 6 7.55	W 103 46 34.79
	2444.00	1.19	303.52	2443.81	-7.85	8.17	-15.79	0.18	401312.67	672475.41	N 32 6 7.56	W 103 46 34.81
	2537.00	1.49	315.92	2536.78	-9.22	9.58	-17.44	0.45	401314.07	672473.76	N 32 6 7.57	W 103 46 34.83
	2630.00	2.11	322.42	2629.74	-11.40	11.80	-19.32	0.70	401316.30	672471.88	N 32 6 7.60	W 103 46 34.85
	2725.00	2.02	314.42	2724.67	-13.92	14.36	-21.59	0.32	401318.86	672469.62	N 32 6 7.62	W 103 46 34.88
	2819.00	1.20	329.70	2818.64	-15.89	16.37	-23.27	0.98	401320.87	672467.94	N 32 6 7.64	W 103 46 34.90
	2912.00	1.50	310.60	2911.61	-17.49	18.00	-24.68	0.58	401322.50	672466.52	N 32 6 7.66	W 103 46 34.92
	3006.00	0.90	304.40	3005.59	-18.68	19.22	-26.22	0.65	401323.72	672464.98	N 32 6 7.67	W 103 46 34.93
	3100.00	1.90	308.60	3099.56	-20.03	20.61	-28.05	1.07	401325.11	672463.15	N 32 6 7.68	W 103 46 34.96
	3194.00	2.90	303.60	3193.48	-22.25	22.90	-31.25	1.09	401327.39	672459.95	N 32 6 7.71	W 103 46 34.99
	3289.00	2.70	316.30	3288.36	-25.13	25.84	-34.80	0.68	401330.34	672456.40	N 32 6 7.74	W 103 46 35.03
	3383.00	3.00	298.80	3382.25	-27.84	28.63	-38.48	0.97	401333.13	672452.72	N 32 6 7.76	W 103 46 35.08
	3477.00	3.20	278.00	3476.12	-29.29	30.18	-43.24	1.21	401334.68	672447.97	N 32 6 7.78	W 103 46 35.13
	3571.00	3.30	268.50	3569.96	-29.48	30.47	-48.54	0.58	401334.97	672442.66	N 32 6 7.78	W 103 46 35.19
	3664.00	1.70	223.50	3662.88	-28.33	29.40	-52.16	2.60	401333.90	672439.04	N 32 6 7.77	W 103 46 35.24
	3758.00	2.40	263.70	3756.82	-27.05	28.18	-55.08	1.65	401332.67	672436.12	N 32 6 7.76	W 103 46 35.27
	3851.00	2.40	201.80	3849.76	-24.97	26.15	-57.74	2.65	401330.65	672433.46	N 32 6 7.74	W 103 46 35.30
	3945.00	4.50	182.20	3943.58	-19.44	20.64	-58.61	2.53	401325.14	672432.59	N 32 6 7.89	W 103 46 35.31
	4039.00	5.50	170.60	4037.23	-11.33	12.51	-58.02	1.51	401317.01	672433.18	N 32 6 7.80	W 103 46 35.30
	4106.00	4.50	170.50	4103.97	-5.59	6.75	-57.06	1.49	401311.25	672434.14	N 32 6 7.55	W 103 46 35.29
	4141.00	4.10	217.90	4138.88	-3.23	4.41	-57.60	9.92	401308.91	672433.60	N 32 6 7.52	W 103 46 35.30
13.375 Casing Shoe	4178.00	3.71	197.97	4175.80	-1.03	2.23	-58.78	3.79	401306.73	672432.42	N 32 6 7.50	W 103 46 35.31
	4235.00	4.10	166.30	4232.67	2.71	-1.51	-58.87	3.79	401302.99	672432.33	N 32 6 7.47	W 103 46 35.32
	4330.00	4.00	163.60	4327.44	9.15	-7.99	-57.13	0.23	401296.51	672434.07	N 32 6 7.40	W 103 46 35.30
	4424.00	3.00	166.70	4421.26	14.66	-13.53	-55.64	1.08	401290.97	672435.56	N 32 6 7.35	W 103 46 35.28
	4518.00	2.70	171.20	4515.14	19.22	-18.11	-54.74	0.40	401286.39	672436.47	N 32 6 7.30	W 103 46 35.27
	4611.00	2.50	172.70	4608.05	23.38	-22.29	-54.14	0.23	401282.22	672437.06	N 32 6 7.26	W 103 46 35.26
	4705.00	1.70	171.40	4701.98	26.79	-25.70	-53.67	0.85	401278.80	672437.53	N 32 6 7.23	W 103 46 35.26
	4800.00	1.20	193.10	4796.95	29.15	-28.06	-53.69	0.77	401276.44	672437.52	N 32 6 7.20	W 103 46 35.26
	4894.00	1.30	196.60	4890.93	31.14	-30.04	-54.22	0.13	401274.46	672436.99	N 32 6 7.18	W 103 46 35.26
	4989.00	1.00	243.20	4985.92	32.57	-31.45	-55.26	1.00	401273.05	672435.94	N 32 6 7.17	W 103 46 35.28
	5082.00	1.60	227.10	5078.89	33.85	-32.70	-56.94	0.75	401271.81	672434.26	N 32 6 7.16	W 103 46 35.29
	5176.00	1.70	250.20	5172.85	35.26	-34.06	-59.21	0.71	401270.44	672431.99	N 32 6 7.14	W 103 46 35.32
	5270.00	1.50	277.80	5266.82	35.62	-34.37	-61.74	0.84	401270.13	672429.46	N 32 6 7.14	W 103 46 35.35
	5364.00	1.60	297.30	5360.78	34.90	-33.60	-64.13	0.57	401270.90	672427.08	N 32 6 7.15	W 103 46 35.38
	5459.00	1.50	283.30	5455.75	34.05	-32.70	-66.52	0.41	401271.80	672424.69	N 32 6 7.16	W 103 46 35.41
	5554.00	1.10	316.20	5550.73	33.15	-31.76	-68.36	0.87	401272.74	672422.85	N 32 6 7.17	W 103 46 35.43
	5647.00	1.30	319.50	5643.71	31.73	-30.31	-69.66	0.23	401274.19	672421.54	N 32 6 7.18	W 103 46 35.44
	5741.00	1.30	330.10	5737.68	30.02	-28.58	-70.89	0.26	401275.92	672420.32	N 32 6 7.20	W 103 46 35.46
	5835.00	1.10	327.90	5831.66	28.35	-26.89	-71.90	0.22	401277.61	672419.31	N 32 6 7.22	W 103 46 35.47
	5928.00	1.40	321.40	5924.64	26.73	-25.25	-73.08	0.36	401279.26	672418.12	N 32 6 7.23	W 103 46 35.48
	6022.00	1.20	326.60	6018.61	25.04	-23.53	-74.34	0.25	401280.97	672416.87	N 32 6 7.25	W 103 46 35.50
	6117.00	1.30	320.40	6113.59	23.40	-21.87	-75.57	0.18	401282.64	672415.63	N 32 6 7.27	W 103 46 35.51

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	6211.00	1.10	322.70	6207.57	21.89	-20.33	-76.80	0.22	401284.17	672414.41	N 32 6 7.28 W	103 46 35.53
	6304.00	1.00	313.60	6300.56	20.64	-19.06	-77.93	0.21	401285.44	672413.28	N 32 6 7.29 W	103 46 35.54
	6398.00	1.00	311.40	6394.54	19.56	-17.95	-79.14	0.04	401286.55	672412.07	N 32 6 7.30 W	103 46 35.55
	6493.00	1.20	315.00	6489.52	18.33	-16.70	-80.46	0.22	401287.80	672410.74	N 32 6 7.32 W	103 46 35.57
	6587.00	1.00	296.40	6583.51	17.30	-15.64	-81.89	0.43	401288.86	672409.31	N 32 6 7.33 W	103 46 35.58
	6681.00	1.20	290.10	6677.49	16.63	-14.93	-83.55	0.25	401289.57	672407.65	N 32 6 7.33 W	103 46 35.60
	6775.00	1.10	285.80	6771.47	16.08	-14.35	-85.34	0.14	401290.15	672405.86	N 32 6 7.34 W	103 46 35.62
	6868.00	1.30	321.80	6864.45	15.04	-13.28	-86.86	0.82	401291.22	672404.35	N 32 6 7.35 W	103 46 35.64
	6962.00	1.60	334.70	6958.42	13.04	-11.25	-88.08	0.47	401293.25	672403.13	N 32 6 7.37 W	103 46 35.66
	7056.00	1.20	337.10	7052.39	10.97	-9.16	-89.02	0.43	401295.34	672402.19	N 32 6 7.39 W	103 46 35.67
	7150.00	1.10	337.10	7146.37	9.25	-7.42	-89.75	0.11	401297.08	672401.45	N 32 6 7.41 W	103 46 35.67
	7244.00	1.30	336.30	7240.35	7.46	-5.61	-90.53	0.21	401298.89	672400.67	N 32 6 7.43 W	103 46 35.68
	7338.00	1.20	328.20	7334.33	5.66	-3.80	-91.48	0.22	401300.70	672399.72	N 32 6 7.44 W	103 46 35.69
	7432.00	1.40	335.30	7428.31	3.80	-1.92	-92.48	0.27	401302.58	672398.73	N 32 6 7.46 W	103 46 35.71
	7526.00	1.20	333.10	7522.28	1.90	0.00	-93.40	0.22	401304.50	672397.80	N 32 6 7.48 W	103 46 35.72
	7620.00	1.20	339.60	7616.26	0.12	1.80	-94.19	0.14	401306.30	672397.01	N 32 6 7.50 W	103 46 35.73
	7714.00	1.30	342.60	7710.24	-1.81	3.74	-94.85	0.13	401308.24	672396.35	N 32 6 7.52 W	103 46 35.73
	7808.00	1.10	335.10	7804.22	-3.63	5.58	-95.55	0.27	401310.08	672395.65	N 32 6 7.54 W	103 46 35.74
	7903.00	1.10	337.10	7899.20	-5.28	7.24	-96.29	0.04	401311.74	672394.91	N 32 6 7.55 W	103 46 35.75
	7996.00	1.20	331.20	7992.18	-6.94	8.92	-97.11	0.17	401313.42	672394.10	N 32 6 7.57 W	103 46 35.76
	8090.00	1.10	332.40	8086.16	-8.58	10.58	-98.00	0.11	401315.08	672393.20	N 32 6 7.59 W	103 46 35.77
	8184.00	1.10	331.50	8180.15	-10.16	12.17	-98.85	0.02	401316.67	672392.36	N 32 6 7.60 W	103 46 35.78
	8279.00	1.30	330.80	8275.13	-11.88	13.92	-99.81	0.21	401318.41	672391.40	N 32 6 7.62 W	103 46 35.79
	8373.00	1.30	328.30	8369.10	-13.70	15.75	-100.89	0.06	401320.25	672390.31	N 32 6 7.64 W	103 46 35.80
	8467.00	1.20	314.40	8463.08	-15.27	17.35	-102.15	0.34	401321.85	672389.05	N 32 6 7.65 W	103 46 35.82
	8562.00	1.10	279.90	8558.06	-16.08	18.20	-103.76	0.72	401322.70	672387.44	N 32 6 7.66 W	103 46 35.84
	8653.00	1.80	267.40	8649.03	-16.12	18.29	-106.05	0.84	401322.79	672385.15	N 32 6 7.66 W	103 46 35.86
	8746.00	1.90	300.00	8741.99	-16.77	18.99	-108.85	1.12	401323.49	672382.36	N 32 6 7.67 W	103 46 35.90
	8840.00	1.70	310.70	8835.94	-18.41	20.68	-111.25	0.42	401325.18	672379.95	N 32 6 7.69 W	103 46 35.92
	8936.00	1.40	327.30	8931.91	-20.29	22.60	-112.97	0.56	401327.09	672378.24	N 32 6 7.71 W	103 46 35.94
	9029.00	1.00	331.70	9024.88	-21.94	24.27	-113.96	0.44	401328.77	672377.24	N 32 6 7.72 W	103 46 35.95
	9123.00	1.00	11.90	9118.87	-23.46	25.79	-114.18	0.73	401330.29	672377.02	N 32 6 7.74 W	103 46 35.96
	9218.00	0.30	37.00	9213.86	-24.48	26.80	-113.86	0.78	401331.30	672377.34	N 32 6 7.75 W	103 46 35.95
	9312.00	0.10	115.50	9307.86	-24.64	26.96	-113.64	0.32	401331.46	672377.57	N 32 6 7.75 W	103 46 35.95
	9406.00	0.20	236.40	9401.86	-24.51	26.84	-113.70	0.28	401331.33	672377.50	N 32 6 7.75 W	103 46 35.95
	9500.00	0.40	327.90	9495.86	-24.70	27.02	-114.02	0.48	401331.52	672377.19	N 32 6 7.75 W	103 46 35.95
	9594.00	0.50	304.10	9589.86	-25.19	27.53	-114.53	0.22	401332.03	672376.68	N 32 6 7.76 W	103 46 35.96
	9688.00	0.60	337.80	9683.86	-25.87	28.22	-115.05	0.35	401332.72	672376.15	N 32 6 7.76 W	103 46 35.97
	9783.00	0.60	328.10	9778.85	-26.74	29.10	-115.51	0.11	401333.60	672375.70	N 32 6 7.77 W	103 46 35.97
	9877.00	0.50	310.80	9872.85	-27.42	29.79	-116.08	0.21	401334.28	672375.13	N 32 6 7.78 W	103 46 35.98
	9970.00	0.30	337.90	9965.84	-27.90	30.28	-116.47	0.29	401334.77	672374.73	N 32 6 7.78 W	103 46 35.98
	10064.00	0.30	271.00	10059.84	-28.12	30.51	-116.81	0.35	401335.01	672374.39	N 32 6 7.79 W	103 46 35.99
	10158.00	0.20	219.50	10153.84	-27.99	30.39	-117.16	0.25	401334.88	672374.04	N 32 6 7.78 W	103 46 35.99
	10253.00	0.60	246.90	10248.84	-27.66	30.06	-117.73	0.46	401334.56	672373.48	N 32 6 7.78 W	103 46 36.00
	10347.00	0.80	200.80	10342.84	-26.99	29.41	-118.35	0.50	401333.91	672372.85	N 32 6 7.77 W	103 46 36.01
	10441.00	0.60	214.00	10436.83	-26.12	28.54	-118.80	0.15	401333.04	672372.40	N 32 6 7.77 W	103 46 36.01
	10534.00	0.30	221.10	10529.83	-25.52	27.96	-119.24	0.33	401332.45	672371.97	N 32 6 7.76 W	103 46 36.02
	10628.00	0.70	308.30	10623.82	-25.68	28.13	-119.85	0.80	401332.62	672371.36	N 32 6 7.76 W	103 46 36.02
	10721.00	0.60	38.30	10716.82	-26.41	28.86	-119.99	0.99	401333.36	672371.21	N 32 6 7.77 W	103 46 36.02
	10815.00	0.50	43.40	10810.82	-27.11	29.54	-119.41	0.12	401334.04	672371.80	N 32 6 7.78 W	103 46 36.02
	10904.00	0.50	228.60	10899.82	-27.13	29.57	-119.43	1.12	401334.07	672371.78	N 32 6 7.78 W	103 46 36.02
	11001.00	2.00	208.50	10996.79	-25.34	27.80	-120.56	1.59	401332.30	672370.65	N 32 6 7.76 W	103 46 36.03
	11096.00	2.50	201.30	11091.72	-21.92	24.41	-122.10	0.60	401328.91	672369.11	N 32 6 7.73 W	103 46 36.05
	11190.00	2.30	206.10	11185.63	-18.29	20.81	-123.67	0.30	401325.31	672367.53	N 32 6 7.69 W	103 46 36.07
	11284.00	2.50	211.40	11279.55	-14.81	17.37	-125.57	0.32	401321.87	672365.64	N 32 6 7.66 W	103 46 36.09
	11377.00	2.20	204.80	11372.47	-11.42	14.02	-127.38	0.43	401318.51	672363.83	N 32 6 7.62 W	103 46 36.11
	11472.00	2.30	208.60	11467.40	-8.06	10.69	-129.05	0.19	401315.19	672362.15	N 32 6 7.59 W	103 46 36.13
	11559.00	2.20	205.20	11554.33	-4.98	7.64	-130.60	0.19	401312.14	672360.61	N 32 6 7.56 W	103 46 36.15
Last WB Survey 9.625 Casing Shoe	11654.00	2.27	200.71	11649.26	-1.54	4.23	-132.04	0.20	401308.73	672359.16	N 32 6 7.53 W	103 46 36.17
	11679.00	2.29	199.57	11674.24	-0.60	3.30	-132.39	0.20	401307.80	672358.82	N 32 6 7.52 W	103 46 36.17
	11773.00	2.51	193.63	11768.16	3.19	-0.47	-133.50	0.35	401304.03	672357.71	N 32 6 7.48 W	103 46 36.18
	11866.00	3.00	186.18	11861.05	7.60	-4.87	-134.24	0.65	401299.63	672356.97	N 32 6 7.44 W	103 46 36.19
	11913.00	5.04	193.97	11907.93	10.84	-8.10	-134.87	4.48	401296.41	672356.34	N 32 6 7.40 W	103 46 36.20
	11960.00	11.62	191.63	11954.41	17.52	-14.74	-136.33	14.02	401289.76	672354.88	N 32 6 7.34 W	103 46 36.22
	12007.00	16.84	194.20	11999.96	28.81	-25.99	-138.95	11.18	401278.52	672352.26	N 32 6 7.23 W	103 46 36.25
	12054.00	18.57	197.30	12044.73	42.63	-39.73	-142.85	4.19	401264.77	672348.36	N 32 6 7.09 W	103 46 36.29
	12101.00	21.02	192.67	12088.95	58.09	-55.11	-146.92	6.19	401249.40	672344.29	N 32 6 6.94 W	103 46 36.34
	12148.00	21.05	198.82	12132.82	74.39	-71.32	-151.50	4.70	401233.18	672339.71	N 32 6 6.78 W	103 46 36.40
	12195.00	23.07	197.20	12176.38	91.29	-88.11	-156.94	4.49	401216.40	672334.27	N 32 6 6.61 W	103 46 36.46
	12241.00	26.04	196.24	12218.22	109.70	-106.42	-162.43	6.51	401198.09	672328.78	N 32 6 6.43 W	103 46 36.53
	12288.00	29.14	195.31	12259.87	130.77	-127.36	-168.34	6.66	401177.14	672322.87	N 32 6 6.23 W	103 46 36.60
	12335.00	29.39	194.20	12300.87	153.10	-149.58	-174.19	1.27	401154.93	672317.02	N 32 6 6.01 W	103 46 36.66
	12382.00	34.91	192.08	12340.65	177.56	-173.93	-179.84	11.99	401130.58	672311.37	N 32 6 5.77 W	103 46 36.73
	12429.00	41.05	192.56	12377.68	205.92	-202.17	-186.02	13.08	401102.34	672305.19	N 32 6 5.49 W	103 46 36.81
	12476.00	43.81	191.50	12412.36	237.06	-233.19	-192.62	6.07	401071.33	672298.59	N 32 6 5.18 W	103 46 36.88
	12522.00	46.06	191.72	12444.93	269.01	-265.01	-199.16	4.90	401039.51	672292.06	N 32 6 4.87 W	103 46 36.96
	12569.00	47.20	192.71	12477.20	302.54	-298.40	-206.39	2.87	401006.12	672284.82	N 32 6 4.54 W	103 46 37.05
	12617.00	50.78	191.28	12508.69	338.11	-333.82	-213.90	7.79	400970.70	672277.31	N 32 6 4.19 W	103 46 37.14
	12665.00	56.90	191.85	12537.00	376.21	-371.77	-221.67	12.79	400932.75	672269.54	N 32	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	14049.00	91.31	183.32	12724.28	1720.44	-1714.97	-285.97	3.41	399589.63	672205.25	N 32 5 50.52	W 103 46 38.06
	14143.00	90.93	183.20	12722.44	1814.35	-1808.80	-291.31	0.42	399495.81	672199.90	N 32 5 49.59	W 103 46 38.13
	14236.00	89.42	182.15	12722.16	1907.32	-1901.69	-295.65	1.98	399402.92	672195.57	N 32 5 48.67	W 103 46 38.18
	14330.00	91.13	181.54	12721.71	2001.31	-1995.64	-298.68	1.93	399308.98	672192.54	N 32 5 47.75	W 103 46 38.22
	14424.00	91.62	181.30	12719.45	2095.28	-2089.58	-301.01	0.58	399215.04	672190.21	N 32 5 46.82	W 103 46 38.26
	14519.00	91.44	179.70	12716.92	2190.23	-2184.54	-301.84	1.69	399120.09	672189.38	N 32 5 45.88	W 103 46 38.27
	14613.00	90.48	179.03	12715.34	2284.17	-2278.52	-300.79	1.25	399026.12	672190.42	N 32 5 44.95	W 103 46 38.26
	14707.00	90.03	178.07	12714.92	2378.07	-2372.49	-298.42	1.13	398932.15	672192.80	N 32 5 44.02	W 103 46 38.24
	14800.00	91.03	176.92	12714.06	2470.88	-2465.39	-294.35	1.64	398839.25	672196.87	N 32 5 43.10	W 103 46 38.20
	14894.00	90.17	174.45	12713.08	2564.43	-2559.11	-287.28	2.78	398745.54	672203.94	N 32 5 42.17	W 103 46 38.12
	14988.00	89.93	173.96	12713.00	2657.74	-2652.63	-277.79	0.58	398652.03	672213.43	N 32 5 41.24	W 103 46 38.02
	15081.00	90.17	174.92	12712.92	2750.10	-2745.19	-268.78	1.06	398559.47	672222.44	N 32 5 40.33	W 103 46 37.92
	15174.00	90.41	174.74	12712.45	2842.53	-2837.81	-260.40	0.32	398466.85	672230.82	N 32 5 39.41	W 103 46 37.83
	15268.00	89.86	175.81	12712.22	2936.03	-2931.49	-252.66	1.28	398373.18	672238.56	N 32 5 38.48	W 103 46 37.74
	15361.00	89.38	181.39	12712.84	3028.90	-3024.42	-250.38	6.02	398280.25	672240.83	N 32 5 37.56	W 103 46 37.72
	15453.00	89.90	182.90	12713.42	3120.88	-3116.35	-253.83	1.74	398188.33	672237.39	N 32 5 36.65	W 103 46 37.77
	15547.00	89.90	183.18	12713.58	3214.83	-3210.72	-258.81	0.30	398094.47	672232.40	N 32 5 35.72	W 103 46 37.83
	15641.00	89.11	182.79	12714.40	3308.78	-3304.09	-263.71	0.94	398000.60	672227.51	N 32 5 34.80	W 103 46 37.89
	15735.00	90.62	183.76	12714.62	3402.71	-3397.93	-269.08	1.91	397906.77	672222.14	N 32 5 33.87	W 103 46 37.96
	15828.00	90.14	184.02	12714.00	3495.60	-3490.72	-275.39	0.59	397813.99	672215.83	N 32 5 32.95	W 103 46 38.04
	15922.00	91.07	184.49	12713.01	3589.46	-3584.45	-282.36	1.11	397720.26	672208.86	N 32 5 32.02	W 103 46 38.13
	16016.00	90.41	184.15	12711.79	3683.31	-3678.17	-289.44	0.79	397626.54	672201.78	N 32 5 31.10	W 103 46 38.22
	16110.00	90.52	182.98	12711.03	3777.22	-3771.99	-295.28	1.25	397532.73	672195.93	N 32 5 30.17	W 103 46 38.29
	16204.00	91.14	183.10	12709.67	3871.16	-3865.85	-300.27	0.67	397438.88	672190.95	N 32 5 29.24	W 103 46 38.35
	16297.00	89.79	182.64	12708.91	3964.11	-3958.72	-304.93	1.53	397346.01	672186.29	N 32 5 28.32	W 103 46 38.41
	16392.00	89.86	181.07	12709.20	4059.10	-4053.67	-308.00	1.65	397251.07	672183.22	N 32 5 27.38	W 103 46 38.45
	16485.00	91.13	180.85	12708.40	4152.10	-4146.65	-309.56	1.39	397158.09	672181.66	N 32 5 26.46	W 103 46 38.48
	16579.00	90.83	180.76	12706.79	4246.08	-4240.63	-310.88	0.33	397064.12	672180.34	N 32 5 25.53	W 103 46 38.50
	16672.00	91.13	180.59	12705.20	4339.06	-4333.61	-311.97	0.37	396971.15	672179.24	N 32 5 24.61	W 103 46 38.52
	16766.00	90.31	179.93	12704.02	4433.04	-4427.60	-312.40	1.12	396877.16	672178.82	N 32 5 23.68	W 103 46 38.53
	16860.00	90.07	177.07	12703.71	4526.93	-4521.56	-309.94	3.05	396783.21	672181.28	N 32 5 22.75	W 103 46 38.51
	16955.00	91.92	177.68	12702.06	4621.70	-4616.44	-305.59	2.05	396688.33	672185.63	N 32 5 21.81	W 103 46 38.46
	17049.00	90.00	175.31	12700.48	4715.37	-4710.24	-299.84	3.24	396594.54	672191.37	N 32 5 20.88	W 103 46 38.40
	17142.00	90.14	174.98	12700.37	4807.85	-4802.90	-291.97	0.39	396501.88	672199.24	N 32 5 19.97	W 103 46 38.31
	17236.00	90.72	174.91	12699.67	4901.30	-4896.53	-283.69	0.62	396408.25	672207.53	N 32 5 19.04	W 103 46 38.22
	17330.00	89.31	175.65	12699.64	4994.80	-4990.21	-275.96	1.69	396314.58	672215.26	N 32 5 18.11	W 103 46 38.14
	17424.00	90.45	177.49	12699.84	5088.49	-5084.04	-270.33	2.30	396220.76	672220.88	N 32 5 17.18	W 103 46 38.08
	17518.00	89.59	182.14	12699.81	5182.44	-5178.01	-270.03	5.03	396126.79	672221.19	N 32 5 16.25	W 103 46 38.08
	17612.00	90.55	183.68	12699.69	5276.39	-5271.89	-274.80	1.93	396032.92	672216.41	N 32 5 15.32	W 103 46 38.14
	17706.00	90.45	183.68	12698.87	5370.30	-5365.69	-280.83	0.11	395939.13	672210.38	N 32 5 14.40	W 103 46 38.22
	17800.00	90.76	183.28	12697.88	5464.21	-5459.51	-286.54	0.54	395845.31	672204.68	N 32 5 13.47	W 103 46 38.29
	17894.00	90.62	181.74	12696.75	5558.18	-5553.41	-290.66	1.64	395751.42	672200.56	N 32 5 12.54	W 103 46 38.34
	17988.00	91.17	182.55	12695.26	5653.15	-5648.33	-294.21	1.03	395656.50	672197.01	N 32 5 11.60	W 103 46 38.39
	18083.00	90.52	182.29	12693.88	5747.12	-5742.24	-298.18	0.74	395562.60	672193.04	N 32 5 10.67	W 103 46 38.44
	18176.00	90.89	181.68	12692.73	5840.10	-5835.17	-301.40	0.77	395469.67	672189.82	N 32 5 9.75	W 103 46 38.48
	18271.00	91.03	182.22	12691.14	5935.08	-5930.10	-304.63	0.59	395374.74	672186.58	N 32 5 8.81	W 103 46 38.53
	18365.00	90.93	180.84	12689.53	6029.06	-6024.05	-307.14	1.47	395280.80	672184.08	N 32 5 7.88	W 103 46 38.56
	18458.00	90.28	178.47	12688.55	6122.02	-6117.04	-306.58	2.64	395187.82	672184.64	N 32 5 6.96	W 103 46 38.56
	18552.00	91.65	177.45	12686.97	6215.85	-6210.96	-303.24	1.82	395093.90	672187.98	N 32 5 6.03	W 103 46 38.53
	18645.00	92.37	175.97	12683.70	6308.51	-6303.75	-297.90	1.77	395001.12	672193.31	N 32 5 5.11	W 103 46 38.47
	18740.00	90.17	175.26	12681.60	6403.04	-6398.44	-290.64	2.43	394906.43	672200.58	N 32 5 4.18	W 103 46 38.39
	18834.00	89.17	174.16	12682.14	6496.44	-6492.04	-281.98	1.58	394812.84	672209.24	N 32 5 3.25	W 103 46 38.30
	18929.00	90.48	176.22	12682.43	6590.91	-6586.70	-274.01	2.57	394718.19	672217.21	N 32 5 2.31	W 103 46 38.21
	19023.00	90.89	181.88	12681.31	6684.80	-6680.64	-272.45	6.04	394624.25	672218.76	N 32 5 1.38	W 103 46 38.20
	19117.00	90.28	181.99	12680.35	6778.79	-6774.58	-275.63	0.66	394530.32	672215.59	N 32 5 0.45	W 103 46 38.24
	19211.00	91.38	183.16	12678.98	6872.75	-6868.47	-279.85	1.71	394436.43	672211.37	N 32 5 49.52	W 103 46 38.30
	19304.00	90.79	183.04	12677.22	6965.68	-6961.32	-284.88	0.65	394343.59	672206.34	N 32 4 58.61	W 103 46 38.36
	19399.00	91.62	182.69	12675.23	7060.61	-7056.18	-289.62	0.95	394248.74	672201.59	N 32 4 57.67	W 103 46 38.42
	19493.00	91.86	181.77	12672.37	7154.55	-7150.06	-293.28	1.01	394154.86	672197.94	N 32 4 56.74	W 103 46 38.47
	19583.00	91.68	181.28	12669.59	7244.51	-7239.99	-295.67	0.58	394064.94	672195.54	N 32 4 55.85	W 103 46 38.50
	19679.00	90.76	181.26	12667.55	7340.48	-7335.94	-297.80	0.96	393968.99	672193.42	N 32 4 54.90	W 103 46 38.53
	19773.00	91.51	180.34	12665.69	7434.46	-7429.91	-299.11	1.26	393875.03	672192.10	N 32 4 53.97	W 103 46 38.55
	19867.00	91.44	180.71	12663.27	7528.43	-7523.88	-299.98	0.40	393781.07	672191.24	N 32 4 53.04	W 103 46 38.57
	19961.00	91.04	180.50	12661.23	7622.40	-7617.85	-300.97	0.48	393687.10	672190.25	N 32 4 52.11	W 103 46 38.59
	20055.00	90.62	181.00	12659.87	7716.39	-7711.83	-302.20	0.69	393593.12	672189.02	N 32 4 51.18	W 103 46 38.61
	20150.00	90.62	180.99	12658.84	7811.38	-7806.81	-303.85	0.01	393498.15	672187.37	N 32 4 50.24	W 103 46 38.63
	20242.00	91.31	179.63	12657.29	7903.35	-7898.79	-304.35	1.66	393406.17	672186.87	N 32 4 49.33	W 103 46 38.64
	20337.00	91.55	178.93	12654.92	7998.27	-7993.76	-303.15	0.78	393311.22	672188.07	N 32 4 48.39	W 103 46 38.63
	20430.00	91.68	178.89	12652.30	8091.16	-8086.70	-301.38	0.15	393218.27	672189.83	N 32 4 47.47	W 103 46 38.62
	20524.00	90.31	177.12	12650.67	8185.00	-8180.62	-298.11	2.38	393124.36	672193.11	N 32 4 46.54	W 103 46 38.59
	20619.00	91.75	175.67	12648.96	8279.65	-8275.42	-292.14	2.15	393029.57	672199.08	N 32 4 45.60	W 103 46 38.52
	20713.00	91.20	173.51	12646.54	8372.99	-8368.96	-283.28	2.37	392936.03	672207.94	N 32 4 44.68	W 103 46 38.43
	20807.00	90.76	173.36	12644.93	8466.13	-8462.33	-272.53	0.49	392842.67	672218.68	N 32 4 43.75	W 103 46 38.31
	20901.00	91.03	177.07	12643.46	8559.59	-8555.97	-264.70	3.96	392749.03	672226.52	N 32 4 42.83	W 103 46 38.22
	20995.00	91.03	177.57	12641.77	8653.36	-8649.86	-260.30	0.53	392655.15	672230.91	N 32 4 41.90	W 103 46 38.1

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	23345.00	90.72	175.97	12601.14	11001.45	-10998.24	-269.35	0.79	390306.91	672221.86	N 32 4 18.66	W 103 46 38.42
	23439.00	90.45	175.51	12600.18	11095.02	-11091.98	-262.37	0.57	390213.18	672228.84	N 32 4 17.73	W 103 46 38.35
	23533.00	91.34	178.58	12598.71	11188.75	-11185.83	-257.53	3.40	390119.33	672233.69	N 32 4 16.80	W 103 46 38.30
	23627.00	90.07	177.14	12597.55	11282.58	-11279.75	-254.02	2.04	390025.41	672237.20	N 32 4 15.87	W 103 46 38.26
	23720.00	90.48	177.48	12597.11	11375.37	-11372.65	-249.65	0.57	389932.52	672241.56	N 32 4 14.95	W 103 46 38.21
	23815.00	88.59	179.13	12597.88	11470.24	-11467.59	-246.84	2.64	389837.58	672244.37	N 32 4 14.01	W 103 46 38.19
	23910.00	90.10	181.12	12598.96	11565.21	-11562.58	-247.05	2.63	389742.60	672244.17	N 32 4 13.07	W 103 46 38.20
	24004.00	90.21	183.34	12598.71	11659.19	-11656.50	-250.71	2.36	389648.68	672240.51	N 32 4 12.14	W 103 46 38.24
	24099.00	90.62	182.59	12598.02	11754.14	-11751.37	-255.62	0.90	389553.82	672235.59	N 32 4 11.20	W 103 46 38.31
	24194.00	91.14	182.45	12596.56	11849.10	-11846.27	-259.80	0.57	389458.93	672231.42	N 32 4 10.27	W 103 46 38.36
	24289.00	90.45	181.08	12595.24	11944.09	-11941.21	-262.72	1.61	389363.99	672228.49	N 32 4 9.33	W 103 46 38.40
	24383.00	92.20	180.99	12593.07	12038.06	-12035.17	-264.42	1.86	389270.04	672226.80	N 32 4 8.40	W 103 46 38.43
	24476.00	91.03	180.23	12590.45	12131.01	-12128.12	-265.41	1.50	389177.09	672225.81	N 32 4 7.48	W 103 46 38.44
	24570.00	90.86	179.51	12588.90	12224.98	-12222.11	-265.20	0.79	389083.11	672226.02	N 32 4 6.55	W 103 46 38.45
	24664.00	89.90	179.43	12588.28	12318.93	-12316.10	-264.33	1.02	388989.12	672226.89	N 32 4 5.62	W 103 46 38.44
	24757.00	91.55	178.01	12587.10	12411.83	-12409.07	-262.25	2.34	388896.16	672228.97	N 32 4 4.70	W 103 46 38.42
	24851.00	90.93	176.63	12585.07	12505.60	-12502.94	-257.86	1.61	388802.30	672233.36	N 32 4 3.77	W 103 46 38.38
	24946.00	90.96	175.44	12583.50	12600.20	-12597.70	-251.29	1.25	388707.54	672239.93	N 32 4 2.83	W 103 46 38.31
	25040.00	90.55	176.44	12582.26	12693.80	-12691.45	-244.63	1.15	388613.80	672246.58	N 32 4 1.90	W 103 46 38.24
	25135.00	90.79	180.51	12581.15	12788.67	-12786.39	-242.11	4.29	388518.86	672249.11	N 32 4 0.96	W 103 46 38.21
	25229.00	90.65	181.48	12579.97	12882.66	-12880.37	-243.74	1.04	388424.89	672247.48	N 32 4 0.03	W 103 46 38.24
	25324.00	90.10	181.69	12579.35	12977.66	-12975.33	-246.37	0.62	388329.93	672244.85	N 32 3 59.09	W 103 46 38.27
	25418.00	90.93	183.65	12578.50	13071.61	-13069.22	-250.74	2.26	388236.05	672240.47	N 32 3 58.16	W 103 46 38.33
	25512.00	90.65	183.89	12577.20	13165.51	-13163.01	-256.92	0.39	388142.27	672234.29	N 32 3 57.24	W 103 46 38.41
	25606.00	90.86	183.00	12575.97	13259.42	-13256.83	-262.57	0.97	388048.45	672228.64	N 32 3 56.31	W 103 46 38.48
	25700.00	90.58	182.53	12574.78	13353.38	-13350.71	-267.11	0.58	387954.58	672224.11	N 32 3 55.38	W 103 46 38.54
Final Survey	25778.00	90.76	183.05	12573.87	13431.34	-13428.61	-270.90	0.71	387876.68	672220.31	N 32 3 54.61	W 103 46 38.58
BHL	25860.00	90.76	183.05	12572.78	13513.29	-13510.49	-275.26	0.00	387794.81	672215.95	N 32 3 53.80	W 103 46 38.64

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	32.000	1/98.425	26.000	18.625	NAL_MWD-NON_SLB-Depth Only	PLU 28 BS 907H (167H) / Final Surveys XTO Energy PLU 28 Big Sinks 907H (167H) 0 ft to 25860 ft
	1	32.000	32.000	Act Stns	26.000	18.625	NAL_MWD-NON_SLB-Depth Only	PLU 28 BS 907H (167H) / Final Surveys XTO Energy PLU 28 Big Sinks 907H (167H) 0 ft to 25860 ft
	1	32.000	1274.000	Act Stns	26.000	18.625	NAL_MWD-NON_SLB	PLU 28 BS 907H (167H) / Final Surveys XTO Energy PLU 28 Big
	1	1274.000	4178.000	Act Stns	17.500	13.375	NAL_MWD-NON_SLB	PLU 28 BS 907H (167H) / Final Surveys XTO Energy PLU 28 Big
	1	4178.000	11559.000	Act Stns	12.250	9.625	NAL_MWD-NON_SLB	PLU 28 BS 907H (167H) / Final Surveys XTO Energy PLU 28 Big
	1	11559.000	11654.000	Act Stns	12.250	9.625	NAL_MWD_JFR1+MS	PLU 28 BS 907H (167H) / Final Surveys XTO Energy PLU 28 Big
MagVar Corrected	1	11654.000	25860.000	Act Stns	8.500	5.500	NAL_MWD_JFR1+MS	PLU 28 BS 907H (167H) / Final Surveys XTO Energy PLU 28 Big



XTO Energy Inc
EMHC.W4.4A.293
22777 Springwoods Village Pkwy
Spring TX 77389-1425
832-625-4370 - Direct Phone
carlos.salinas@exxonmobil.com

February 4, 2021

New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RE: **Waiver of Objection: Non-Standard Spacing Unit or Units**

Any combination of the N/2 of Sections 28 & 29, all of Sections 32 & 33, Township 25 South, Range 31 East, and all of Section 4, Township 26 South, Range 31 East, Eddy County, New Mexico. For the following wells:

- PLU 28 Big Sinks 102H, 104H, 106H, 108H, 121H, 122H, 123H, 124H, 125H, 126H, 127H, 128H, 701H, 703H, 705H, 707H, 901H, 903H, 905H, 907H (20 wells)
- PLU 29 Big Sinks 102H, 104H, 106H, 108H, 121H, 122H, 123H, 124H, 125H, 126H, 127H, 128H, 701H, 703H, 705H, 707H, 901H, 903H, 905H, 907H (20 wells)

To whom it may concern:

As operator of the Poker Lake Unit, and 100% owner of leasehold on adjoining sections, XTO Permian Operating, LLC ("XTO") hereby waives its own right to object to the application for an administrative order from the New Mexico Oil Conservation Division approving XTO's future application(s) for a non-standard spacing unit(s) comprised of any combination of the above described lands and wells in Eddy County, New Mexico.

Should you have any questions regarding XTO's self-waiver, please do not hesitate to contact the undersigned at the information provided.

Sincerely,

A handwritten signature in blue ink, appearing to read 'C.R. Salinas'.

C.R. Salinas
Sr. Landman – Delaware Basin
XTO Energy Inc.
832.625.4370
carlos.salinas@exxonmobil.com