

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

NMOCD-REC'D: 8/28/2020

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 30-015-46232	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 325339	⁵ Property Name POKER LAKE UNIT 25 BD	⁶ Well Number 203H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,344'

¹⁰ Surface Location

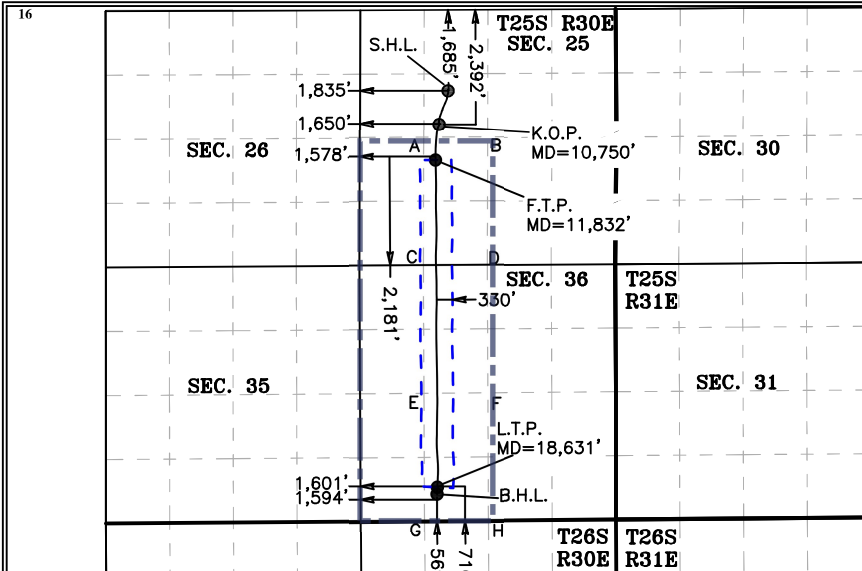
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	25	25 S	30 E		1,685	NORTH	1,835	WEST	EDDY

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
N	36	25 S	30 E		569	SOUTH	1,594	WEST	EDDY

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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



GEODEIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 401,882.9 X= 694,915.9 LAT.= 32.103884°N LONG.= 103.837343°W	GEODEIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 401,824.9 X= 653,730.6 LAT.= 32.103760°N LONG.= 103.836863°W	KICK OFF POINT NAD 83 NME Y= 401,175.0 X= 694,728.6 LAT.= 32.101941°N LONG.= 103.837958°W	LAST TAKE POINT NAD 83 NME Y= 393,633.1 X= 694,694.0 LAT.= 32.081209°N LONG.= 103.838182°W	LAST TAKE POINT NAD 27 NME Y= 393,575.3 X= 653,508.4 LAT.= 32.081085°N LONG.= 103.837703°W
FIRST TAKE POINT NAD 83 NME Y= 400,426.2 X= 694,655.4 LAT.= 32.099883°N LONG.= 103.838206°W	FIRST TAKE POINT NAD 27 NME Y= 400,368.3 X= 653,470.0 LAT.= 32.099759°N LONG.= 103.837726°W	KICK OFF POINT NAD 83 NME Y= 401,117.1 X= 653,543.2 LAT.= 32.101816°N LONG.= 103.837478°W	BOTTOM HOLE LOCATION NAD 83 NME Y= 393,492.2 X= 694,688.5 LAT.= 32.080822°N LONG.= 103.838202°W	BOTTOM HOLE LOCATION NAD 27 NME Y= 393,434.4 X= 653,502.9 LAT.= 32.080698°N LONG.= 103.837722°W
CORNER COORDINATES TABLE NAD 83 NME A - Y= 400,902.9 N, X= 694,409.7 E B - Y= 400,909.6 N, X= 695,741.2 E C - Y= 398,243.4 N, X= 694,403.4 E D - Y= 398,251.8 N, X= 695,734.4 E E - Y= 395,583.2 N, X= 694,415.0 E F - Y= 395,593.9 N, X= 695,745.5 E G - Y= 392,921.4 N, X= 694,426.7 E H - Y= 392,931.6 N, X= 695,756.7 E				
CORNER COORDINATES TABLE NAD 27 NME A - Y= 400,845.0 N, X= 653,224.3 E B - Y= 400,851.7 N, X= 654,555.8 E C - Y= 398,185.5 N, X= 653,217.9 E D - Y= 398,193.9 N, X= 654,548.9 E E - Y= 395,525.4 N, X= 653,229.4 E F - Y= 395,536.1 N, X= 654,559.9 E G - Y= 392,863.6 N, X= 653,241.1 E H - Y= 392,873.8 N, X= 654,571.0 E				

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: Cheryl Rowell Date: 6/26/20

Printed Name: Cheryl Rowell

E-mail Address: cheryl_rowell@xtoenergy.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.

6-26-2020

Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number



JC

2019030621

Intent ☐ As Drilled ☒

API # 30-015-46232			
Operator Name: XTO Permian Operating LLC		Property Name: Poker Lake Unit 25 BD	Well Number 203H

Kick Off Point (KOP)

UL F	Section 25	Township 25S	Range 30E	Lot	Feet 2392	From N/S FNL	Feet 1650	From E/W FWL	County Eddy
Latitude 32.101941					Longitude 103.837958			NAD 83	

First Take Point (FTP)

UL K	Section 25	Township 25S	Range 30E	Lot	Feet 2181	From N/S FSL	Feet 1578	From E/W FWL	County Eddy
Latitude 32.099883					Longitude 103.838206			NAD 83	

Last Take Point (LTP)

UL N	Section 36	Township 25S	Range 30E	Lot	Feet 710	From N/S FSL	Feet 1601	From E/W FWL	County Eddy
Latitude 32.081209					Longitude 103.838182			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 # 30-015-46242			
Operator Name: XTO Permian Operating LLC		Property Name: Poker Lake Unit 25 BD	Well Number 202H

KZ 06/29/2018



NABORS DRILLING TECHNOLOGIES USA, INC.

515 West Greens Road

Houston, TX 77067

Phone: 281.874.0035

Fax: 281.872.5205

Thursday, September 12, 2019

State of New Mexico

County of Eddy

Subject: Survey Certification Letter

Survey Company: NABORS DRILLING TECH USA, INC.

Job Number: T7239

Survey Job Type: Nabors MWD

Customer: XTO Energy

Well Name: PLU 25 BD 103H

Rig Name: Nabors M7505

Surface: 32.103760 N / 103.836863 W

A.P.I. No: 30-015-46232-0100

Location: Eddy, NM

RKB Height: 23'

Distance to Bit: 58'

Surveyor Name	Surveyor Title	Borehole Number	Start Depth	End Depth	Start Date	End Date	Type of	TD Straight Line Projection
Brad Thomasson	MWD Supervisor	OH	176'	18292'	08/22/19	09/08/19	MWD	18350'
Brad Thomasson	MWD Supervisor	ST1	17775'	18686'	09/10/19	09/12/19	MWD	18772'

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by NABORS DRILLING TECHNOLOGIES USA, INC. I am authorized and qualified to review the data, calculations and these reports; the reports represents true and correct Directional Surveys of this well based on the original data, the minimum curvature method, corrected to Grid North and obtained at the well site.

Brad Thomasson

MWD Supervisor

NABORS DRILLING TECHNOLOGIES USA, INC.



XTO Permian Operating, LLC

Eddy Co., NM

Poker Lake Unit 25 BD

203H

Wellbore #2

Design: ST01 API: 30-015-46232

Standard Survey Report

17 September, 2019





Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 203H
Project:	Eddy Co., NM	TVD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Site:	Poker Lake Unit 25 BD	MD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Well:	203H	North Reference:	Grid
Wellbore:	Wellbore #2	Survey Calculation Method:	Minimum Curvature
Design:	ST01 API: 30-015-46232	Database:	RyanUSA_32Bit

Project	Eddy Co., NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Poker Lake Unit 25 BD			
Site Position:		Northing:	401,895.000 usft	Latitude: 32.103952
From:	Map	Easting:	653,730.200 usft	Longitude: -103.836863
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence: 0.26 °

Well	203H			
Well Position	+N/-S	0.00 ft	Northing:	401,824.900 usft
	+E/-W	0.00 ft	Easting:	653,730.600 usft
Position Uncertainty		2.00 ft	Wellhead Elevation:	ft
			Ground Level:	3,344.00 ft

Wellbore	Wellbore #2				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	9/9/2019	6.73	59.72	47,775.90000000

Design	ST01 API: 30-015-46232			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	181.51

Survey Program	Date	9/17/2019		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
176.00	18,772.00	Survey #1 OH Surveys (Wellbore #2)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.00	0.75	356.29	175.99	1.15	-0.07	-1.15	0.43	0.43	0.00
272.00	0.25	310.42	271.99	1.91	-0.27	-1.90	0.63	-0.52	-47.78
332.00	0.31	323.42	331.99	2.13	-0.47	-2.11	0.15	0.10	21.67
456.00	0.63	286.51	455.99	2.59	-1.32	-2.55	0.34	0.26	-29.77
551.00	0.69	314.46	550.98	3.14	-2.23	-3.08	0.34	0.06	29.42
646.00	0.88	313.93	645.97	4.05	-3.17	-3.96	0.20	0.20	-0.56
741.00	0.94	316.39	740.96	5.12	-4.23	-5.00	0.08	0.06	2.59
835.00	0.44	19.85	834.95	6.01	-4.64	-5.89	0.89	-0.53	67.51
930.00	0.31	43.58	929.95	6.54	-4.34	-6.43	0.21	-0.14	24.98



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 203H
Project:	Eddy Co., NM	TVD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Site:	Poker Lake Unit 25 BD	MD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Well:	203H	North Reference:	Grid
Wellbore:	Wellbore #2	Survey Calculation Method:	Minimum Curvature
Design:	ST01 API: 30-015-46232	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,025.00	0.31	102.11	1,024.95	6.68	-3.91	-6.57	0.32	0.00	61.61
1,062.00	0.38	89.99	1,061.95	6.66	-3.69	-6.56	0.27	0.19	-32.76
1,157.00	0.31	59.05	1,156.95	6.79	-3.15	-6.70	0.21	-0.07	-32.57
1,252.00	0.50	14.05	1,251.95	7.32	-2.83	-7.24	0.37	0.20	-47.37
1,346.00	0.56	35.85	1,345.94	8.09	-2.46	-8.02	0.22	0.06	23.19
1,440.00	0.81	33.91	1,439.94	9.02	-1.82	-8.96	0.27	0.27	-2.06
1,536.00	1.38	358.40	1,535.92	10.73	-1.48	-10.69	0.90	0.59	-36.99
1,631.00	1.50	347.68	1,630.89	13.09	-1.78	-13.04	0.31	0.13	-11.28
1,726.00	0.88	10.53	1,725.87	15.02	-1.91	-14.97	0.81	-0.65	24.05
1,819.00	0.88	156.61	1,818.86	15.07	-1.49	-15.03	1.81	0.00	157.08
1,915.00	1.88	169.09	1,914.83	12.85	-0.90	-12.82	1.08	1.04	13.00
2,009.00	1.13	165.57	2,008.80	10.44	-0.38	-10.42	0.80	-0.80	-3.74
2,103.00	0.50	145.71	2,102.79	9.20	0.08	-9.20	0.72	-0.67	-21.13
2,198.00	0.38	160.83	2,197.79	8.56	0.42	-8.57	0.17	-0.13	15.92
2,293.00	0.25	139.38	2,292.79	8.11	0.66	-8.12	0.18	-0.14	-22.58
2,388.00	0.06	171.55	2,387.79	7.90	0.80	-7.92	0.21	-0.20	33.86
2,482.00	0.25	139.73	2,481.79	7.69	0.94	-7.72	0.21	0.20	-33.85
2,577.00	0.31	121.45	2,576.79	7.40	1.29	-7.43	0.11	0.06	-19.24
2,672.00	0.25	66.61	2,671.78	7.35	1.70	-7.39	0.28	-0.06	-57.73
2,766.00	0.56	91.04	2,765.78	7.42	2.35	-7.48	0.37	0.33	25.99
2,859.00	0.56	115.47	2,858.78	7.22	3.21	-7.30	0.25	0.00	26.27
2,953.00	0.69	102.64	2,952.77	6.90	4.18	-7.01	0.20	0.14	-13.65
3,048.00	1.00	202.66	3,047.77	6.01	4.42	-6.12	1.38	0.33	105.28
3,143.00	1.81	205.12	3,142.74	3.88	3.46	-3.97	0.85	0.85	2.59
3,238.00	1.88	203.89	3,237.69	1.10	2.20	-1.16	0.08	0.07	-1.29
3,333.00	1.88	176.47	3,332.64	-1.88	1.66	1.84	0.94	0.00	-28.86
3,428.00	2.06	156.26	3,427.58	-5.00	2.44	4.93	0.75	0.19	-21.27
3,523.00	2.31	182.62	3,522.52	-8.47	3.04	8.39	1.08	0.26	27.75
3,618.00	3.44	183.68	3,617.40	-13.23	2.77	13.15	1.19	1.19	1.12
3,712.00	4.00	178.23	3,711.20	-19.32	2.69	19.24	0.70	0.60	-5.80
3,806.00	4.44	173.48	3,804.94	-26.21	3.21	26.12	0.60	0.47	-5.05
3,901.00	3.88	187.90	3,899.69	-33.05	3.18	32.96	1.24	-0.59	15.18
3,941.00	3.69	196.86	3,939.61	-35.62	2.62	35.54	1.55	-0.48	22.40
4,030.00	3.63	199.15	4,028.43	-41.03	0.87	40.99	0.18	-0.07	2.57
4,093.00	3.88	196.16	4,091.29	-44.96	-0.38	44.95	0.50	0.40	-4.75
4,188.00	5.00	197.92	4,186.00	-51.98	-2.55	52.03	1.19	1.18	1.85
4,283.00	5.13	195.63	4,280.63	-60.01	-4.96	60.12	0.25	0.14	-2.41
4,378.00	5.13	195.63	4,375.25	-68.19	-7.25	68.36	0.00	0.00	0.00
4,473.00	4.88	196.86	4,469.89	-76.15	-9.57	76.38	0.29	-0.26	1.29
4,567.00	6.19	192.12	4,563.45	-84.93	-11.79	85.21	1.47	1.39	-5.04
4,662.00	6.88	194.22	4,657.83	-95.46	-14.27	95.80	0.77	0.73	2.21
4,756.00	7.13	190.36	4,751.13	-106.65	-16.70	107.05	0.57	0.27	-4.11
4,851.00	7.13	188.95	4,845.40	-118.28	-18.68	118.73	0.18	0.00	-1.48
4,945.00	7.06	188.25	4,938.68	-129.76	-20.41	130.25	0.12	-0.07	-0.74



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 203H
Project:	Eddy Co., NM	TVD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Site:	Poker Lake Unit 25 BD	MD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Well:	203H	North Reference:	Grid
Wellbore:	Wellbore #2	Survey Calculation Method:	Minimum Curvature
Design:	ST01 API: 30-015-46232	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,041.00	6.69	188.25	5,033.99	-141.13	-22.06	141.66	0.39	-0.39	0.00
5,136.00	6.38	189.48	5,128.37	-151.81	-23.72	152.38	0.36	-0.33	1.29
5,231.00	6.50	190.53	5,222.77	-162.30	-25.58	162.92	0.18	0.13	1.11
5,326.00	6.75	186.67	5,317.14	-173.14	-27.21	173.79	0.54	0.26	-4.06
5,421.00	7.31	198.27	5,411.43	-184.42	-29.75	185.14	1.60	0.59	12.21
5,516.00	7.44	203.01	5,505.64	-195.82	-34.05	196.65	0.65	0.14	4.99
5,611.00	7.06	203.01	5,599.88	-206.86	-38.74	207.80	0.40	-0.40	0.00
5,705.00	6.75	204.60	5,693.20	-217.20	-43.29	218.26	0.39	-0.33	1.69
5,797.00	6.81	204.95	5,784.56	-227.06	-47.85	228.24	0.08	0.07	0.38
5,892.00	6.75	205.30	5,878.89	-237.21	-52.61	238.52	0.08	-0.06	0.37
5,987.00	6.81	207.94	5,973.23	-247.23	-57.63	248.67	0.33	0.06	2.78
6,082.00	6.88	206.35	6,067.55	-257.31	-62.80	258.88	0.21	0.07	-1.67
6,177.00	6.69	205.12	6,161.89	-267.42	-67.67	269.11	0.25	-0.20	-1.29
6,272.00	7.31	202.84	6,256.18	-278.00	-72.37	279.81	0.72	0.65	-2.40
6,367.00	8.06	203.01	6,350.32	-289.70	-77.32	291.64	0.79	0.79	0.18
6,462.00	7.75	200.90	6,444.42	-301.81	-82.20	303.87	0.45	-0.33	-2.22
6,557.00	7.81	201.43	6,538.55	-313.81	-86.85	315.99	0.10	0.06	0.56
6,652.00	7.81	203.89	6,632.67	-325.72	-91.82	328.02	0.35	0.00	2.59
6,747.00	7.56	202.13	6,726.81	-337.41	-96.79	339.84	0.36	-0.26	-1.85
6,841.00	7.19	203.89	6,820.03	-348.51	-101.50	351.07	0.46	-0.39	1.87
6,936.00	7.50	203.72	6,914.25	-359.63	-106.40	362.30	0.33	0.33	-0.18
7,030.00	7.44	201.08	7,007.46	-370.92	-111.06	373.72	0.37	-0.06	-2.81
7,124.00	8.00	198.27	7,100.61	-382.81	-115.30	385.72	0.72	0.60	-2.99
7,219.00	8.25	196.86	7,194.65	-395.61	-119.35	398.62	0.34	0.26	-1.48
7,314.00	7.44	198.09	7,288.76	-407.98	-123.23	411.09	0.87	-0.85	1.29
7,408.00	7.13	198.27	7,382.00	-419.31	-126.95	422.51	0.33	-0.33	0.19
7,502.00	6.31	197.39	7,475.36	-429.77	-130.33	433.06	0.88	-0.87	-0.94
7,597.00	6.31	197.74	7,569.78	-439.73	-133.48	443.09	0.04	0.00	0.37
7,692.00	6.63	198.27	7,664.18	-449.91	-136.79	453.36	0.34	0.34	0.56
7,786.00	6.69	198.09	7,757.54	-460.27	-140.19	463.80	0.07	0.06	-0.19
7,881.00	6.88	200.38	7,851.88	-470.86	-143.89	474.49	0.35	0.20	2.41
7,976.00	5.81	204.60	7,946.29	-480.57	-147.87	484.30	1.23	-1.13	4.44
8,070.00	4.19	208.81	8,039.93	-487.90	-151.51	491.73	1.77	-1.72	4.48
8,165.00	3.25	197.39	8,134.73	-493.51	-153.98	497.40	1.26	-0.99	-12.02
8,260.00	3.88	199.67	8,229.55	-499.11	-155.87	503.04	0.68	0.66	2.40
8,354.00	3.56	199.15	8,323.35	-504.86	-157.90	508.85	0.34	-0.34	-0.55
8,450.00	4.69	197.92	8,419.10	-511.41	-160.08	515.45	1.18	1.18	-1.28
8,545.00	5.63	206.88	8,513.72	-519.26	-163.39	523.39	1.30	0.99	9.43
8,640.00	6.25	198.09	8,608.21	-528.34	-167.10	532.56	1.16	0.65	-9.25
8,735.00	5.94	200.20	8,702.67	-537.87	-170.40	542.17	0.40	-0.33	2.22
8,830.00	5.00	195.45	8,797.24	-546.47	-173.20	550.84	1.10	-0.99	-5.00
8,925.00	4.50	200.20	8,891.91	-553.96	-175.59	558.39	0.67	-0.53	5.00
9,019.00	6.13	199.85	8,985.50	-562.14	-178.57	566.65	1.73	1.73	-0.37



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 203H
Project:	Eddy Co., NM	TVD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Site:	Poker Lake Unit 25 BD	MD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Well:	203H	North Reference:	Grid
Wellbore:	Wellbore #2	Survey Calculation Method:	Minimum Curvature
Design:	ST01 API: 30-015-46232	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,114.00	7.13	198.44	9,079.87	-572.50	-182.16	577.10	1.07	1.05	-1.48
9,208.00	6.75	203.72	9,173.18	-583.10	-186.22	587.80	0.79	-0.40	5.62
9,303.00	6.00	201.78	9,267.59	-592.82	-190.31	597.63	0.82	-0.79	-2.04
9,397.00	3.63	189.30	9,361.26	-600.32	-192.62	605.18	2.74	-2.52	-13.28
9,491.00	5.25	181.92	9,454.97	-607.55	-193.24	612.43	1.82	1.72	-7.85
9,586.00	5.00	169.44	9,549.59	-615.97	-192.63	620.83	1.20	-0.26	-13.14
9,681.00	4.94	167.51	9,644.24	-624.03	-190.99	628.85	0.19	-0.06	-2.03
9,776.00	6.56	177.17	9,738.76	-633.44	-189.83	638.23	1.98	1.71	10.17
9,870.00	6.13	183.68	9,832.18	-643.82	-189.89	648.60	0.89	-0.46	6.93
9,965.00	5.94	191.41	9,926.66	-653.70	-191.19	658.51	0.88	-0.20	8.14
10,060.00	5.56	193.17	10,021.18	-663.00	-193.21	667.86	0.44	-0.40	1.85
10,155.00	4.81	179.63	10,115.79	-671.46	-194.23	676.35	1.51	-0.79	-14.25
10,250.00	4.50	161.18	10,210.49	-678.97	-193.00	683.82	1.60	-0.33	-19.42
10,345.00	4.88	160.83	10,305.17	-686.32	-190.47	691.10	0.40	0.40	-0.37
10,439.00	4.63	176.29	10,398.85	-693.88	-188.92	698.62	1.38	-0.27	16.45
10,534.00	3.31	178.05	10,493.62	-700.45	-188.58	705.17	1.40	-1.39	1.85
10,629.00	2.06	167.68	10,588.51	-704.86	-188.12	709.57	1.41	-1.32	-10.92
10,690.00	1.19	153.09	10,649.49	-706.49	-187.60	711.19	1.57	-1.43	-23.92
10,744.00	1.13	171.41	10,703.48	-707.52	-187.26	712.21	0.69	-0.11	33.93
10,791.00	5.82	206.55	10,750.38	-710.11	-188.26	714.82	10.51	9.98	74.77
10,839.00	11.42	198.77	10,797.82	-716.79	-190.88	721.57	11.89	11.67	-16.21
10,886.00	17.28	199.13	10,843.33	-727.80	-194.67	732.68	12.47	12.47	0.77
10,933.00	23.66	200.66	10,887.34	-743.24	-200.29	748.26	13.62	13.57	3.26
10,981.00	28.73	200.17	10,930.40	-763.09	-207.67	768.30	10.57	10.56	-1.02
11,028.00	33.25	196.12	10,970.69	-786.09	-215.15	791.48	10.59	9.62	-8.62
11,075.00	38.30	190.23	11,008.82	-812.82	-221.32	818.37	12.99	10.74	-12.53
11,123.00	41.91	188.13	11,045.53	-843.34	-226.23	849.01	8.03	7.52	-4.38
11,170.00	45.30	186.64	11,079.55	-875.48	-230.38	881.25	7.54	7.21	-3.17
11,217.00	47.89	186.88	11,111.85	-909.39	-234.40	915.25	5.52	5.51	0.51
11,265.00	50.80	185.73	11,143.12	-945.58	-238.39	951.53	6.33	6.06	-2.40
11,312.00	51.47	186.07	11,172.61	-981.98	-242.15	988.02	1.53	1.43	0.72
11,360.00	51.58	185.68	11,202.47	-1,019.36	-246.00	1,025.49	0.68	0.23	-0.81
11,408.00	55.03	183.52	11,231.15	-1,057.72	-249.07	1,063.91	8.04	7.19	-4.50
11,455.00	57.95	181.38	11,257.10	-1,096.86	-250.73	1,103.09	7.28	6.21	-4.55
11,503.00	62.09	181.86	11,281.08	-1,138.41	-251.91	1,144.66	8.67	8.63	1.00
11,550.00	67.15	182.93	11,301.22	-1,180.83	-253.69	1,187.10	10.96	10.77	2.28
11,597.00	72.70	183.94	11,317.35	-1,224.87	-256.34	1,231.20	11.98	11.81	2.15
11,644.00	76.83	181.91	11,329.70	-1,270.15	-258.65	1,276.53	9.72	8.79	-4.32
11,691.00	80.94	180.20	11,338.76	-1,316.25	-259.49	1,322.63	9.45	8.74	-3.64
11,803.00	87.87	181.14	11,349.67	-1,427.64	-260.80	1,434.02	6.24	6.19	0.84
11,897.00	88.62	178.04	11,352.55	-1,521.58	-260.13	1,527.91	3.39	0.80	-3.30
11,991.00	90.26	177.02	11,353.47	-1,615.48	-256.08	1,621.67	2.05	1.74	-1.09
12,085.00	89.34	177.44	11,353.80	-1,709.37	-251.53	1,715.41	1.08	-0.98	0.45



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 203H
Project:	Eddy Co., NM	TVD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Site:	Poker Lake Unit 25 BD	MD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Well:	203H	North Reference:	Grid
Wellbore:	Wellbore #2	Survey Calculation Method:	Minimum Curvature
Design:	ST01 API: 30-015-46232	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
12,179.00	90.32	178.77	11,354.07	-1,803.32	-248.43	1,809.24	1.76	1.04	1.41
12,272.00	90.49	180.31	11,353.42	-1,896.31	-247.68	1,902.18	1.67	0.18	1.66
12,367.00	90.69	181.19	11,352.44	-1,991.29	-248.92	1,997.16	0.95	0.21	0.93
12,461.00	89.43	181.12	11,352.34	-2,085.27	-250.82	2,091.16	1.34	-1.34	-0.07
12,555.00	90.12	179.28	11,352.71	-2,179.27	-251.15	2,185.13	2.09	0.73	-1.96
12,649.00	91.90	180.47	11,351.05	-2,273.25	-250.94	2,279.07	2.28	1.89	1.27
12,743.00	91.90	180.77	11,347.94	-2,367.19	-251.96	2,373.01	0.32	0.00	0.32
12,838.00	88.62	178.91	11,347.50	-2,462.17	-251.69	2,467.95	3.97	-3.45	-1.96
12,932.00	89.34	177.63	11,349.18	-2,556.11	-248.85	2,561.78	1.56	0.77	-1.36
13,026.00	88.39	176.71	11,351.04	-2,649.98	-244.21	2,655.49	1.41	-1.01	-0.98
13,120.00	92.56	180.04	11,350.26	-2,743.90	-241.55	2,749.31	5.68	4.44	3.54
13,214.00	87.81	178.57	11,349.96	-2,837.86	-240.41	2,843.21	5.29	-5.05	-1.56
13,308.00	90.92	179.86	11,351.00	-2,931.84	-239.12	2,937.12	3.58	3.31	1.37
13,403.00	90.49	180.59	11,349.83	-3,026.83	-239.49	3,032.09	0.89	-0.45	0.77
13,497.00	90.89	181.19	11,348.70	-3,120.81	-240.95	3,126.07	0.77	0.43	0.64
13,590.00	89.14	181.71	11,348.67	-3,213.78	-243.31	3,219.07	1.96	-1.88	0.56
13,684.00	90.20	184.04	11,349.22	-3,307.65	-248.02	3,313.03	2.72	1.13	2.48
13,778.00	89.42	181.41	11,349.53	-3,401.53	-252.49	3,407.00	2.92	-0.83	-2.80
13,872.00	85.83	179.74	11,353.42	-3,495.43	-253.44	3,500.89	4.21	-3.82	-1.78
13,966.00	88.68	178.40	11,357.92	-3,589.30	-251.91	3,594.69	3.35	3.03	-1.43
14,060.00	90.52	177.77	11,358.58	-3,683.24	-248.77	3,688.51	2.07	1.96	-0.67
14,155.00	90.63	177.61	11,357.63	-3,778.15	-244.94	3,783.30	0.20	0.12	-0.17
14,249.00	91.96	179.07	11,355.50	-3,872.09	-242.22	3,877.12	2.10	1.41	1.55
14,343.00	91.64	178.91	11,352.55	-3,966.02	-240.56	3,970.99	0.38	-0.34	-0.17
14,437.00	91.18	178.86	11,350.24	-4,059.98	-238.73	4,064.86	0.49	-0.49	-0.05
14,531.00	91.24	179.46	11,348.25	-4,153.95	-237.36	4,158.76	0.64	0.06	0.64
14,625.00	90.63	179.58	11,346.72	-4,247.93	-236.57	4,252.69	0.66	-0.65	0.13
14,720.00	90.09	179.91	11,346.12	-4,342.93	-236.14	4,347.64	0.67	-0.57	0.35
14,813.00	89.20	180.04	11,346.70	-4,435.92	-236.10	4,440.61	0.97	-0.96	0.14
14,907.00	90.72	180.68	11,346.76	-4,529.92	-236.69	4,534.58	1.75	1.62	0.68
15,001.00	90.09	180.29	11,346.10	-4,623.91	-237.49	4,628.57	0.79	-0.67	-0.41
15,095.00	90.35	180.91	11,345.74	-4,717.91	-238.47	4,722.55	0.72	0.28	0.66
15,189.00	91.96	181.59	11,343.84	-4,811.86	-240.52	4,816.53	1.86	1.71	0.72
15,283.00	91.64	181.81	11,340.89	-4,905.77	-243.31	4,910.48	0.41	-0.34	0.23
15,377.00	89.51	181.08	11,339.95	-4,999.73	-245.68	5,004.47	2.40	-2.27	-0.78
15,472.00	86.52	179.39	11,343.24	-5,094.66	-246.07	5,099.38	3.61	-3.15	-1.78
15,565.00	88.59	178.41	11,347.20	-5,187.55	-244.29	5,192.19	2.46	2.23	-1.05
15,659.00	90.40	179.12	11,348.03	-5,281.52	-242.26	5,286.07	2.07	1.93	0.76
15,753.00	89.51	178.96	11,348.11	-5,375.51	-240.69	5,379.98	0.96	-0.95	-0.17
15,848.00	88.45	178.60	11,349.80	-5,470.47	-238.67	5,474.86	1.18	-1.12	-0.38
15,942.00	86.14	177.69	11,354.23	-5,564.31	-235.63	5,568.59	2.64	-2.46	-0.97
16,035.00	88.39	178.56	11,358.67	-5,657.15	-232.59	5,661.31	2.59	2.42	0.94
16,129.00	86.55	177.55	11,362.82	-5,751.00	-229.40	5,755.04	2.23	-1.96	-1.07
16,223.00	88.10	180.01	11,367.21	-5,844.86	-227.40	5,848.82	3.09	1.65	2.62



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 203H
Project:	Eddy Co., NM	TVD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Site:	Poker Lake Unit 25 BD	MD Reference:	RT = 23 @ 3367.00ft (Nabors M7505)
Well:	203H	North Reference:	Grid
Wellbore:	Wellbore #2	Survey Calculation Method:	Minimum Curvature
Design:	ST01 API: 30-015-46232	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
16,318.00	91.99	180.33	11,367.13	-5,939.84	-227.69	5,943.78	4.11	4.09	0.34
16,412.00	89.40	178.62	11,365.99	-6,033.82	-226.82	6,037.70	3.30	-2.76	-1.82
16,506.00	92.73	180.33	11,364.25	-6,127.78	-225.96	6,131.61	3.98	3.54	1.82
16,601.00	92.88	179.77	11,359.60	-6,222.67	-226.05	6,226.47	0.61	0.16	-0.59
16,695.00	88.07	178.04	11,358.82	-6,316.62	-224.25	6,320.33	5.44	-5.12	-1.84
16,789.00	91.27	178.99	11,359.36	-6,410.57	-221.81	6,414.19	3.55	3.40	1.01
16,883.00	93.40	181.13	11,355.53	-6,504.48	-221.91	6,508.07	3.21	2.27	2.28
16,977.00	91.47	180.97	11,351.54	-6,598.38	-223.63	6,601.98	2.06	-2.05	-0.17
17,071.00	90.81	180.95	11,349.67	-6,692.35	-225.21	6,695.96	0.70	-0.70	-0.02
17,165.00	91.32	181.44	11,347.92	-6,786.31	-227.17	6,789.94	0.75	0.54	0.52
17,258.00	90.40	180.98	11,346.52	-6,879.28	-229.13	6,882.92	1.11	-0.99	-0.49
17,351.00	91.09	180.23	11,345.31	-6,972.26	-230.11	6,975.90	1.10	0.74	-0.81
17,445.00	93.28	181.39	11,341.73	-7,066.18	-231.44	7,069.82	2.64	2.33	1.23
17,540.00	87.99	180.34	11,340.68	-7,161.12	-232.87	7,164.77	5.68	-5.57	-1.11
17,633.00	86.84	180.18	11,344.87	-7,254.03	-233.29	7,257.66	1.25	-1.24	-0.17
17,727.00	87.30	180.08	11,349.68	-7,347.90	-233.51	7,351.51	0.50	0.49	-0.11
17,775.00	87.93	180.47	11,351.67	-7,395.86	-233.74	7,399.45	1.54	1.31	0.81
17,838.00	84.44	177.20	11,355.87	-7,458.69	-232.46	7,462.23	7.58	-5.54	-5.19
17,932.00	86.17	174.36	11,363.56	-7,552.11	-225.57	7,555.43	3.53	1.84	-3.02
18,025.00	87.90	174.69	11,368.37	-7,644.56	-216.71	7,647.61	1.89	1.86	0.35
18,120.00	89.97	177.81	11,370.14	-7,739.32	-210.50	7,742.18	3.94	2.18	3.28
18,214.00	89.77	178.51	11,370.35	-7,833.27	-207.48	7,836.02	0.77	-0.21	0.74
18,308.00	93.37	182.69	11,367.77	-7,927.19	-208.46	7,929.93	5.87	3.83	4.45
18,403.00	92.88	181.88	11,362.60	-8,021.98	-212.24	8,024.78	1.00	-0.52	-0.85
18,497.00	92.19	182.51	11,358.44	-8,115.81	-215.84	8,118.68	0.99	-0.73	0.67
18,591.00	90.60	183.06	11,356.15	-8,209.67	-220.40	8,212.63	1.79	-1.69	0.59
18,686.00	89.37	182.06	11,356.17	-8,304.57	-224.65	8,307.61	1.67	-1.29	-1.05
18,772.00	89.37	182.06	11,357.12	-8,390.51	-227.74	8,393.60	0.00	0.00	0.00
PLU 25BD 203H - BHL									

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------