

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address XTO Energy, Inc. 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707		² OGRID Number 373075
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-45467	⁵ Pool Name LOS MEDANOS: WOLFMPCCAMP	⁶ Pool Code 96597
⁷ Property Code 326259	⁸ Property Name JAMES RANCH UNIT DI 2	⁹ Well Number 112H

II. 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
K	25	22S	30E		2600	South	2050	West	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	28	22S			2310	North	2659	East	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
373075	XTO Permian Midstream	

IV. Well Completion Data

²¹ Spud Date 2/15/2020	²² Ready Date 5/29/2021	²³ TD 26357 MD 11121 TVD	²⁴ PBT 26354 MD 11121 TVD	²⁵ Perforations 13,124 - 26,210	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24.0	18.625	623	1240		
17.5	13.375	3835	3370		
12.25	9.625	9864	2750		
8.5	5.5/2.875	26357/10747	3630		

V. Well Test Data

³¹ Date New Oil 5/30/21	³² Gas Delivery Date 6/2/21	³³ Test Date 6/2/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 359	³⁶ Csg. Pressure 50
³⁷ Choke Size	³⁸ Oil 1420	³⁹ Water 3814	⁴⁰ Gas 3205		⁴¹ Test Method Flowing
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>JoAnne Baltier</i>			OIL CONSERVATION DIVISION		
Printed name: JoAnne Baltier			Approved by: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANTA FE		
E-mail Address: joanne.baltier@exxonmobil.com			Approval Date: 09/02/2021		
Date: 7/20/21		Phone: 432.620-4322			

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 30-015-45467	² Pool Code 96597	³ Pool Name LOS MEDANOS; WOLFCAMP (GAS)
⁴ Property Code 326259	⁵ Property Name JAMES RANCH UNIT DI 2	⁶ Well Number 112H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,344'

¹⁰ Surface Location

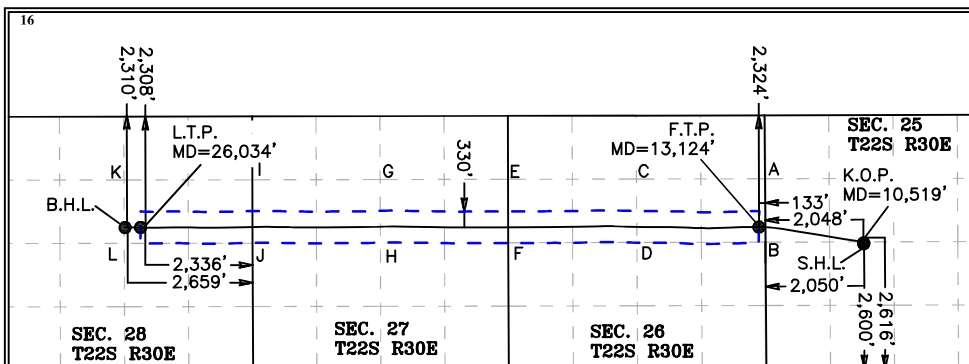
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	25	22 S	30 E		2,600	SOUTH	2,050	WEST	EDDY

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
G	28	22 S	30 E		2,310	NORTH	2,659	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



SHL (NAD83 NME) Y = 496,142.9 X = 694,801.3 LAT. = 32.362988 °N LONG. = 103.836304 °W	LTP (NAD83 NME) Y = 496,481.2 X = 679,708.2 LAT. = 32.364101 °N LONG. = 103.885181 °W	SHL (NAD27 NME) Y = 496,082.5 X = 653,619.5 LAT. = 32.362865 °N LONG. = 103.835811 °W	LTP (NAD27 NME) Y = 496,420.6 X = 638,526.4 LAT. = 32.363977 °N LONG. = 103.884687 °W
KOP (NAD83 NME) Y = 496,158.8 X = 694,798.8 LAT. = 32.363031 °N LONG. = 103.836312 °W	BHL (NAD83 NME) Y = 496,479.1 X = 679,385.2 LAT. = 32.364099 °N LONG. = 103.886227 °W	KOP (NAD27 NME) Y = 496,098.4 X = 653,617.0 LAT. = 32.362908 °N LONG. = 103.835819 °W	BHL (NAD27 NME) Y = 496,418.5 X = 638,203.4 LAT. = 32.363975 °N LONG. = 103.885733 °W
FTP (NAD83 NME) Y = 496,490.5 X = 692,615.1 LAT. = 32.363971 °N LONG. = 103.843379 °W	FTP (NAD27 NME) Y = 496,430.1 X = 651,433.3 LAT. = 32.363848 °N LONG. = 103.842886 °W		
CORNER COORDINATES (NAD83 NME)			
A - Y = 497,495.1 N ,	X = 692,739.9 E	A - Y = 497,434.6 N ,	X = 651,558.2 E
B - Y = 496,175.7 N ,	X = 692,750.6 E	B - Y = 496,115.3 N ,	X = 651,568.8 E
C - Y = 497,489.4 N ,	X = 690,059.6 E	C - Y = 497,428.9 N ,	X = 648,877.9 E
D - Y = 496,169.8 N ,	X = 690,067.9 E	D - Y = 496,109.4 N ,	X = 648,886.1 E
E - Y = 497,484.2 N ,	X = 687,379.4 E	E - Y = 497,423.7 N ,	X = 646,197.7 E
F - Y = 496,163.8 N ,	X = 687,385.2 E	F - Y = 496,103.3 N ,	X = 646,203.5 E
G - Y = 497,478.3 N ,	X = 684,709.6 E	G - Y = 497,417.8 N ,	X = 643,527.9 E
H - Y = 496,158.9 N ,	X = 684,714.8 E	H - Y = 496,098.4 N ,	X = 643,533.1 E
I - Y = 497,473.7 N ,	X = 682,041.3 E	I - Y = 497,413.0 N ,	X = 640,859.5 E
J - Y = 496,154.0 N ,	X = 682,045.0 E	J - Y = 496,093.4 N ,	X = 640,863.2 E
K - Y = 497,469.5 N ,	X = 679,360.6 E	K - Y = 497,408.8 N ,	X = 638,178.8 E
L - Y = 496,150.0 N ,	X = 679,366.4 E	L - Y = 496,089.4 N ,	X = 638,184.6 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.

Cassie Evans

06/24/2021

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.

4-29-2021

Date of Survey

Signature and Seal of
Professional Surveyor:

MARK DILLON HARP 23786

Certificate Number

JC

2019051232



**Weatherford**

Drilling Services
710 S. Faudree Rd.
Odessa, TX USA 79765
Tel. (432) 561-8892 Fax (432) 741-5736

XTO Energy
6401 Holliday Hill Road
Midland, TX 79707

Date: April 2, 2020

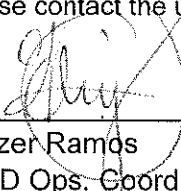
Attention: Manny Garcia

Re: XTO Energy
Well: JRU DI 2 112H
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Eliezer Ramos MWD Supervisor	112H	157 MD 26,331 MD	2/16/2020 4/1/2020	Measurement While Drilling

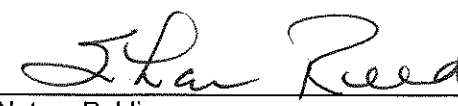
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.



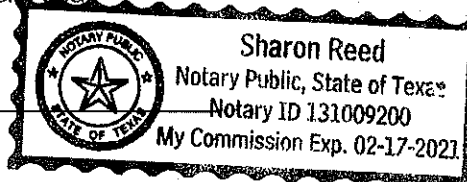
Eliezer Ramos
MWD Ops. Coordinator

On this, the 7th day of April, 2020, before me a notary public, the undersigned officer, personally appeared Eliezer Ramos, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal



Notary Public



5D Survey Report



5D Survey Report

XTO Energy

Field Name: *XTO NAD 27 NME*
Site Name: *James Ranch Unit DI 2 Pad*
Well Name: *JRU DI 2 112H*
File number: *14032715*
Survey: *Definitive survey*

2 April 2020



5D Survey Report



JRU DI 2 112H

Field Name: XTO NAD 27 NME	Map Units: US ft		Company Name: XTO Energy	
	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD27 / New Mexico East			
	Comment:			
Site: James Ranch Unit DI 2 Pad	Units: US ft	North Reference: Grid	Convergence Angle: 0.27	
	Position:	Northing: 496082.70 US ft	Latitude: 32° 21' 46.32"	
		Easting: 653559.30 US ft	Longitude: -103° 50' 9.62"	
	Elevation above MSL:3344.00 US ft			
Comment: Eddy Co, NM				
Slot: JRU DI 2 112H	Position (Relative to Site Centre)			
	+N/-S: 0.10 US ft	Northing: 496082.80 US ft	Latitude: 32° 21' 46.32"	
	+E/-W: 60.00 US ft	Easting: 653619.30 US ft	Longitude: -103° 50' 8.92"	
	Elevation above MSL: 3344.00 US ft			
Comment:				
Well: JRU DI 2 112H	Type:Main well		UWI:	
	File Number: 14032715	Comment:		
	Closure Distance:15419.7US ft		Closure Azimuth:271.25°	
	Vertical Section: Position of Origin (Relative to Slot centre)			
		+N/-S: -0.00 US ft	+E/-W: -0.00 US ft	Az: 269.89°
Drill floor: Survey Name: Definitive Survey				
Rig Height (Well TVD Reference): Elevation above MSL: 3369.00US ft Inclination: 0.00° Azimuth: 0.00° 25.00US ft				
Survey Name:Definitive Survey				
Date: 25/Jun/2019		Survey Tool: See Survey Tool Ranges below.	Comment:	Company:
Magnetic Model:				
Model Name: IFR	Date: 10/Feb/2020	Field Strength: 47868.0nT	Declination: 7.03°	Dip: 60.05°
Tie Point:				
MD: 0.00 US ft	Inclination: 0.00°	Azimuth: 0.00°	TVD: 0.00 US ft	North Offset: -0.00 US ft East Offset: -0.00 US ft

5D Survey Report

Survey Tool Ranges:			
Name	Start MD(USFt)	End MD(USFt)	Source Survey
MWD + IFR	0.00	583.00	WFT MWD+IFR_1
MWD + IFR	583.00	3758.00	WFT MWD+IFR_3
MWD + IFR	3758.00	9720.00	WFT MWD+IFR_5
MWD + IFR	9720.00	11255.00	WFT MWD+IFR_6
MWD + IFR + MS	11255.00	13947.00	WFT MWD+IFR+MS_7
MWD + IFR + MS	13947.00	26357.00	WFT MWD+IFR+MS_9

Casing Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
623.00	0.89	49.84	622.97	-2746.03	-2.03	3.64	496080.77	653622.94	18 5/8 in
3825.00	1.21	255.61	3824.14	455.14	14.82	1.50	496097.62	653620.80	13 3/8 in
9864.00	0.97	117.18	9862.18	6493.18	4.52	-0.41	496087.32	653618.89	9 5/8 in

Wellpath created using minimum curvature.

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
0.00	0.00	0.00	0.00	-3369.00	-0.00	-0.00	-0.00	496082.80	653619.30	0.00	First WFT SVY
157.00	0.82	136.29	156.99	-3212.01	-0.77	-0.81	0.78	496081.99	653620.08	0.52	
248.00	0.66	144.97	247.99	-3121.01	-1.52	-1.71	1.53	496081.09	653620.83	0.21	
342.00	0.35	176.98	341.98	-3027.02	-1.85	-2.44	1.85	496080.36	653621.15	0.43	
395.00	0.31	176.34	394.98	-2974.02	-1.87	-2.75	1.87	496080.05	653621.17	0.08	18 5/8 in
486.00	0.53	88.40	485.98	-2883.02	-2.30	-2.98	2.31	496079.82	653621.61	0.66	
583.00	0.82	41.08	582.97	-2786.03	-3.21	-2.44	3.21	496080.36	653622.51	0.62	
623.00	0.89	49.84	622.97	-2746.03	-3.63	-2.03	3.64	496080.77	653622.94	0.36	
697.00	1.05	62.56	696.96	-2672.04	-4.67	-1.35	4.67	496081.45	653623.97	0.36	
788.00	1.05	68.32	787.94	-2581.06	-6.19	-0.66	6.19	496082.14	653625.49	0.12	
880.00	0.73	33.75	879.93	-2489.07	-7.30	0.14	7.30	496082.94	653626.60	0.66	
971.00	0.90	332.65	970.93	-2398.07	-7.29	1.26	7.29	496084.06	653626.59	0.92	
1063.00	0.36	322.69	1062.92	-2306.08	-6.79	2.13	6.79	496084.93	653626.09	0.60	
1154.00	0.25	330.86	1153.92	-2215.08	-6.52	2.53	6.52	496085.33	653625.82	0.13	
1248.00	0.29	285.83	1247.92	-2121.08	-6.19	2.78	6.19	496085.58	653625.49	0.22	
1343.00	0.10	355.69	1342.92	-2026.08	-5.95	2.92	5.95	496085.72	653625.25	0.29	
1438.00	0.99	344.42	1437.91	-1931.09	-5.73	3.80	5.72	496086.60	653625.02	0.94	
1533.00	2.82	336.05	1532.86	-1836.14	-4.57	6.72	4.55	496089.52	653623.85	1.94	
1628.00	3.54	333.38	1627.71	-1741.29	-2.31	11.48	2.29	496094.28	653621.59	0.77	
1723.00	3.32	351.17	1722.54	-1646.46	-0.59	16.82	0.55	496099.62	653619.85	1.14	
1817.00	3.42	2.65	1816.38	-1552.62	-0.31	22.31	0.27	496105.11	653619.57	0.72	
1912.00	2.09	19.88	1911.27	-1457.73	-1.04	26.77	0.99	496109.57	653620.29	1.63	
2008.00	0.44	106.41	2007.25	-1361.75	-1.99	28.31	1.93	496111.11	653621.23	2.20	
2103.00	1.03	186.96	2102.24	-1266.76	-2.23	27.36	2.18	496110.16	653621.48	1.11	
2197.00	0.87	177.47	2196.23	-1172.77	-2.16	25.81	2.11	496108.61	653621.41	0.24	
2292.00	0.87	176.80	2291.22	-1077.78	-2.23	24.37	2.18	496107.17	653621.48	0.01	
2387.00	0.66	185.63	2386.21	-982.79	-2.21	23.11	2.17	496105.91	653621.47	0.25	
2482.00	0.72	179.23	2481.20	-887.80	-2.17	21.97	2.12	496104.77	653621.42	0.10	
2577.00	0.47	178.91	2576.20	-792.80	-2.18	20.98	2.14	496103.78	653621.44	0.26	
2671.00	0.63	182.32	2670.19	-698.81	-2.16	20.08	2.13	496102.88	653621.43	0.17	
2766.00	0.38	160.81	2765.19	-603.81	-2.24	19.26	2.21	496102.06	653621.51	0.33	
2861.00	0.25	177.46	2860.19	-508.81	-2.36	18.75	2.32	496101.55	653621.62	0.17	
2955.00	0.47	180.34	2954.18	-414.82	-2.36	18.16	2.33	496100.96	653621.63	0.23	
3050.00	0.64	162.18	3049.18	-319.82	-2.52	17.27	2.49	496100.07	653621.79	0.26	
3145.00	0.38	144.31	3144.18	-224.82	-2.86	16.51	2.83	496099.31	653622.13	0.32	
3239.00	0.14	13.72	3238.18	-130.82	-3.07	16.37	3.04	496099.17	653622.34	0.51	
3334.00	0.29	116.38	3333.18	-35.82	-3.32	16.37	3.29	496099.17	653622.59	0.37	
3428.00	0.22	119.81	3427.17	58.17	-3.69	16.18	3.65	496098.98	653622.95	0.08	
3523.00	0.63	95.88	3522.17	153.17	-4.36	16.03	4.33	496098.83	653623.63	0.46	
3618.00	0.25	210.66	3617.17	248.17	-4.78	15.80	4.75	496098.60	653624.05	0.81	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
3712.00	1.04	251.61	3711.16	342.16	-3.86	15.35	3.83	496098.15	653623.13	0.92	
3758.00	1.29	259.52	3757.15	388.15	-2.96	15.13	2.93	496097.93	653622.23	0.64	
3825.00	1.21	255.61	3824.14	455.14	-1.53	14.82	1.50	496097.62	653620.80	0.17	13 3/8 in
3863.00	1.17	253.16	3862.13	493.13	-0.77	14.60	0.74	496097.40	653620.04	0.17	
3957.00	1.02	247.38	3956.11	587.11	0.93	14.00	-0.95	496096.80	653618.35	0.20	
4052.00	0.92	244.48	4051.10	682.10	2.40	13.35	-2.42	496096.15	653616.88	0.12	
4146.00	1.13	252.07	4145.08	776.08	3.96	12.74	-3.98	496095.54	653615.32	0.27	
4240.00	1.13	255.83	4239.07	870.07	5.74	12.23	-5.76	496095.03	653613.54	0.08	
4335.00	0.95	261.35	4334.05	965.05	7.43	11.88	-7.45	496094.68	653611.85	0.22	
4430.00	0.98	312.97	4429.04	1060.04	8.80	12.31	-8.82	496095.11	653610.48	0.88	
4524.00	1.78	1.14	4523.01	1154.01	9.36	14.32	-9.38	496097.12	653609.92	1.43	
4618.00	2.08	11.80	4616.96	1247.96	8.97	17.45	-9.01	496100.25	653610.29	0.50	
4712.00	2.03	11.39	4710.90	1341.90	8.29	20.75	-8.33	496103.55	653610.97	0.06	
4806.00	2.10	8.64	4804.84	1435.84	7.69	24.09	-7.74	496106.89	653611.56	0.13	
4901.00	1.96	8.51	4899.78	1530.78	7.19	27.42	-7.24	496110.22	653612.06	0.15	
4996.00	1.75	8.18	4994.73	1625.73	6.73	30.46	-6.79	496113.26	653612.51	0.22	
5090.00	1.74	4.19	5088.69	1719.69	6.42	33.30	-6.48	496116.10	653612.82	0.13	
5184.00	1.29	47.46	5182.66	1813.66	5.53	35.44	-5.60	496118.24	653613.70	1.27	
5278.00	1.19	60.68	5276.63	1907.63	3.90	36.63	-3.97	496119.43	653615.33	0.32	
5373.00	1.19	48.67	5371.61	2002.61	2.30	37.77	-2.37	496120.57	653616.93	0.26	
5467.00	0.91	120.83	5465.60	2096.60	0.92	38.03	-0.99	496120.83	653618.31	1.34	
5562.00	0.98	130.80	5560.59	2191.59	-0.34	37.11	0.27	496119.91	653619.57	0.19	
5656.00	1.09	134.98	5654.57	2285.57	-1.58	35.96	1.51	496118.76	653620.81	0.14	
5751.00	1.00	141.64	5749.56	2380.56	-2.73	34.67	2.66	496117.47	653621.96	0.16	
5845.00	0.95	141.34	5843.54	2474.54	-3.72	33.42	3.66	496116.22	653622.96	0.05	
5939.00	0.98	136.03	5937.53	2568.53	-4.77	32.23	4.70	496115.03	653624.00	0.10	
6034.00	0.82	148.46	6032.52	2663.52	-5.68	31.06	5.62	496113.86	653624.92	0.26	
6128.00	0.77	154.70	6126.51	2757.51	-6.30	29.92	6.25	496112.72	653625.55	0.11	
6223.00	0.85	145.14	6221.50	2852.50	-6.98	28.77	6.92	496111.57	653626.22	0.17	
6317.00	0.70	147.04	6315.49	2946.49	-7.69	27.71	7.63	496110.51	653626.93	0.16	
6411.00	0.66	149.47	6409.48	3040.48	-8.27	26.76	8.22	496109.56	653627.52	0.05	
6505.00	0.76	141.80	6503.48	3134.48	-8.93	25.81	8.88	496108.61	653628.18	0.15	
6599.00	0.80	153.60	6597.47	3228.47	-9.61	24.73	9.56	496107.53	653628.86	0.18	
6694.00	0.64	150.27	6692.46	3323.46	-10.16	23.67	10.12	496106.47	653629.42	0.17	
6789.00	0.78	159.50	6787.45	3418.45	-10.65	22.61	10.61	496105.41	653629.91	0.19	
6884.00	0.84	163.40	6882.44	3513.44	-11.07	21.33	11.03	496104.13	653630.33	0.09	
6978.00	0.71	259.17	6976.44	3607.44	-10.69	20.57	10.66	496103.37	653629.96	1.23	
7073.00	0.77	269.99	7071.43	3702.43	-9.48	20.45	9.44	496103.25	653628.74	0.16	
7167.00	0.78	270.61	7165.42	3796.42	-8.21	20.46	8.17	496103.26	653627.47	0.01	
7261.00	0.82	309.70	7259.41	3890.41	-7.05	20.90	7.01	496103.70	653626.31	0.57	
7356.00	0.99	255.16	7354.40	3985.40	-5.73	21.12	5.69	496103.92	653624.99	0.89	
7450.00	1.09	251.86	7448.39	4079.39	-4.10	20.64	4.06	496103.44	653623.36	0.12	
7545.00	1.15	255.74	7543.37	4174.37	-2.32	20.12	2.28	496102.92	653621.58	0.10	
7639.00	1.12	256.02	7637.35	4268.35	-0.51	19.66	0.47	496102.46	653619.77	0.03	
7733.00	1.03	244.79	7731.34	4362.34	1.15	19.08	-1.18	496101.88	653618.12	0.24	
7827.00	1.14	238.59	7825.32	4456.32	2.71	18.24	-2.75	496101.04	653616.55	0.17	
7922.00	1.33	239.24	7920.30	4551.30	4.47	17.18	-4.50	496099.98	653614.80	0.20	
8017.00	0.44	230.18	8015.28	4646.28	5.70	16.38	-5.73	496099.18	653613.57	0.95	
8112.00	0.64	214.93	8110.28	4741.28	6.28	15.71	-6.31	496098.51	653612.99	0.26	
8206.00	0.29	313.00	8204.28	4835.28	6.76	15.45	-6.79	496098.25	653612.51	0.79	
8300.00	0.60	19.86	8298.28	4929.28	6.76	16.07	-6.79	496098.87	653612.51	0.59	
8395.00	0.25	67.04	8393.27	5024.27	6.40	16.62	-6.43	496099.42	653612.87	0.49	
8490.00	0.51	100.99	8488.27	5119.27	5.80	16.62	-5.83	496099.42	653613.47	0.35	
8586.00	0.64	116.62	8584.27	5215.27	4.90	16.30	-4.93	496099.10	653614.37	0.21	
8680.00	0.66	123.36	8678.26	5309.26	3.98	15.76	-4.01	496098.56	653615.29	0.08	
8774.00	0.59	125.19	8772.25	5403.25	3.13	15.19	-3.16	496097.99	653616.14	0.08	
8869.00	0.47	147.14	8867.25	5498.25	2.52	14.58	-2.55	496097.38	653616.75	0.25	
8964.00	0.56	144.50	8962.25	5593.25	2.04	13.87	-2.07	496096.67	653617.23	0.10	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)											Comment
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	
9058.00	0.51	152.66	9056.24	5687.24	1.58	13.13	-1.61	496095.93	653617.69	0.10	
9153.00	0.51	180.35	9151.24	5782.24	1.39	12.33	-1.42	496095.13	653617.88	0.26	
9247.00	1.00	180.54	9245.23	5876.23	1.41	11.09	-1.43	496093.89	653617.87	0.52	
9341.00	0.60	217.51	9339.22	5970.22	1.72	9.88	-1.74	496092.68	653617.56	0.67	
9436.00	0.49	191.19	9434.22	6065.22	2.10	9.09	-2.12	496091.89	653617.18	0.28	
9531.00	0.71	176.74	9529.21	6160.21	2.15	8.10	-2.16	496090.90	653617.14	0.28	
9626.00	0.85	186.14	9624.20	6255.20	2.19	6.81	-2.20	496089.61	653617.10	0.20	
9720.00	0.63	143.20	9718.20	6349.20	1.96	5.71	-1.97	496088.51	653617.33	0.62	
9864.00	0.97	117.18	9862.18	6493.18	0.41	4.52	-0.41	496087.32	653618.89	0.34	9 5/8 in
9883.00	1.02	115.13	9881.18	6512.18	0.11	4.37	-0.12	496087.17	653619.18	0.34	
9978.00	1.14	125.60	9976.16	6607.16	-1.42	3.46	1.41	496086.26	653620.71	0.24	
10073.00	0.85	57.29	10071.15	6702.15	-2.78	3.29	2.78	496086.09	653622.08	1.20	
10167.00	1.54	354.34	10165.13	6796.13	-3.25	4.93	3.24	496087.73	653622.54	1.47	
10261.00	2.10	312.07	10259.09	6890.09	-1.85	7.34	1.84	496090.14	653621.14	1.50	
10356.00	2.43	330.22	10354.02	6985.02	0.44	10.25	-0.46	496093.05	653618.84	0.83	
10451.00	1.98	354.24	10448.95	7079.95	1.60	13.63	-1.62	496096.43	653617.68	1.07	
10545.00	2.27	322.64	10542.89	7173.89	2.88	16.73	-2.92	496099.53	653616.38	1.27	
10593.00	5.20	304.43	10590.78	7221.78	5.25	18.72	-5.29	496101.52	653614.01	6.51	
10640.00	8.97	294.15	10637.42	7268.42	10.35	21.42	-10.39	496104.22	653608.91	8.43	
10688.00	12.33	287.76	10684.58	7315.58	18.64	24.51	-18.69	496107.31	653600.61	7.41	
10735.00	16.33	283.60	10730.11	7361.11	29.84	27.60	-29.89	496110.40	653589.41	8.78	
10782.00	20.68	286.65	10774.67	7405.67	44.21	31.53	-44.27	496114.33	653575.03	9.48	
10829.00	24.94	288.20	10817.99	7448.99	61.57	37.01	-61.65	496119.81	653557.65	9.15	
10877.00	28.32	287.48	10860.89	7491.89	82.04	43.59	-82.13	496126.39	653537.17	7.07	
10924.00	32.22	282.65	10901.48	7532.48	104.90	49.69	-105.00	496132.49	653514.30	9.78	
10972.00	37.03	280.04	10940.97	7571.97	131.63	55.01	-131.73	496137.81	653487.57	10.48	
11019.00	41.40	278.66	10977.38	7608.38	160.93	59.82	-161.05	496142.62	653458.25	9.48	
11064.00	45.72	278.03	11009.98	7640.98	191.60	64.32	-191.72	496147.12	653427.58	9.65	
11113.00	51.13	277.40	11042.48	7673.48	227.90	69.23	-228.03	496152.03	653391.27	11.08	
11207.00	60.05	278.96	11095.55	7726.55	304.55	80.31	-304.71	496163.11	653314.59	9.59	
11255.00	64.07	279.50	11118.04	7749.04	346.38	87.11	-346.55	496169.91	653272.75	8.43	
11302.00	68.37	278.60	11136.98	7767.98	388.84	93.87	-389.02	496176.67	653230.28	9.32	
11349.00	72.24	277.48	11152.82	7783.82	432.63	100.05	-432.82	496182.85	653186.48	8.53	
11396.00	77.31	278.80	11165.16	7796.16	477.50	106.47	-477.70	496189.27	653141.60	11.12	
11490.00	90.21	281.12	11175.36	7806.36	569.29	122.62	-569.53	496205.42	653049.77	13.94	
11585.00	90.07	279.89	11175.13	7806.13	662.67	139.94	-662.94	496222.74	652956.36	1.30	
11680.00	90.77	279.93	11174.43	7805.43	756.21	156.29	-756.52	496239.09	652862.78	0.74	
11774.00	89.44	278.97	11174.26	7805.26	848.91	171.73	-849.24	496254.53	652770.06	1.74	
11868.00	90.42	279.51	11174.37	7805.37	941.66	186.82	-942.02	496269.62	652677.28	1.19	
11963.00	92.03	279.63	11172.34	7803.34	1035.28	202.61	-1035.67	496285.41	652583.63	1.70	
12057.00	90.07	278.40	11170.62	7801.62	1128.07	217.34	-1128.49	496300.14	652490.81	2.46	
12152.00	89.86	278.87	11170.68	7801.68	1221.96	231.60	-1222.41	496314.40	652396.89	0.54	
12247.00	89.58	279.07	11171.14	7802.14	1315.77	246.41	-1316.25	496329.21	652303.05	0.36	
12342.00	89.30	278.43	11172.07	7803.07	1409.63	260.86	-1410.14	496343.66	652209.16	0.74	
12436.00	90.70	279.02	11172.07	7803.07	1502.51	275.12	-1503.04	496357.92	652116.26	1.62	
12531.00	89.37	279.51	11172.01	7803.01	1596.24	290.41	-1596.80	496373.21	652022.50	1.49	
12625.00	88.39	278.82	11173.85	7804.85	1688.99	305.38	-1689.58	496388.18	651929.72	1.27	
12720.00	89.79	278.41	11175.36	7806.36	1782.88	319.61	-1783.50	496402.41	651835.80	1.54	
12813.00	90.56	276.24	11175.07	7806.07	1875.09	331.47	-1875.73	496414.27	651743.57	2.48	
12908.00	88.81	273.69	11175.60	7806.60	1969.71	339.69	-1970.36	496422.49	651648.94	3.26	
13003.00	88.74	271.91	11177.63	7808.63	2064.56	344.33	-2065.22	496427.13	651554.08	1.87	
13097.00	90.28	271.42	11178.43	7809.43	2158.51	347.06	-2159.18	496429.86	651460.12	1.72	
13192.00	89.65	270.83	11178.49	7809.49	2253.48	348.93	-2254.16	496431.73	651365.14	0.91	
13286.00	87.69	268.92	11180.67	7811.67	2347.45	348.72	-2348.12	496431.52	651271.18	2.91	
13380.00	88.11	268.15	11184.12	7815.12	2441.36	346.32	-2442.03	496429.12	651177.27	0.93	
13475.00	88.81	267.54	11186.67	7817.67	2536.26	342.75	-2536.93	496425.55	651082.37	0.98	
13570.00	90.91	266.81	11186.90	7817.90	2631.15	338.07	-2631.80	496420.87	650987.50	2.34	
13664.00	90.70	268.82	11185.58	7816.58	2725.07	334.48	-2725.72	496417.28	650893.58	2.15	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
13758.00	89.44	269.00	11185.46	7816.46	2819.06	332.69	-2819.70	496415.49	650799.60	1.35	
13853.00	88.60	269.06	11187.09	7818.09	2914.03	331.09	-2914.67	496413.89	650704.63	0.89	
13947.00	89.37	269.03	11188.75	7819.75	3008.01	329.52	-3008.65	496412.32	650610.65	0.82	
14087.00	90.19	267.95	11189.29	7820.29	3147.96	325.83	-3148.59	496408.63	650470.71	0.97	
14181.00	90.25	269.02	11188.93	7819.93	3241.93	323.35	-3242.56	496406.15	650376.74	1.14	
14276.00	90.18	270.42	11188.57	7819.57	3336.93	322.88	-3337.55	496405.68	650281.75	1.48	
14370.00	90.18	271.36	11188.28	7819.28	3430.91	324.34	-3431.54	496407.14	650187.76	1.00	
14464.00	90.25	271.47	11187.93	7818.93	3524.88	326.66	-3525.51	496409.46	650093.79	0.14	
14558.00	90.49	272.85	11187.32	7818.32	3618.80	330.21	-3619.44	496413.01	649999.86	1.49	
14652.00	89.94	274.14	11186.97	7817.97	3712.61	335.94	-3713.26	496418.74	649906.04	1.49	
14746.00	89.75	271.93	11187.22	7818.22	3806.46	340.91	-3807.12	496423.71	649812.18	2.36	
14840.00	89.82	270.73	11187.57	7818.57	3900.43	343.09	-3901.10	496425.89	649718.20	1.28	
14934.00	90.06	270.60	11187.67	7818.67	3994.42	344.19	-3995.09	496426.99	649624.21	0.29	
15028.00	90.43	271.81	11187.27	7818.27	4088.39	346.16	-4089.07	496428.96	649530.23	1.35	
15121.00	90.06	270.97	11186.87	7817.87	4181.36	348.42	-4182.04	496431.22	649437.26	0.99	
15214.00	90.06	269.28	11186.78	7817.78	4274.36	348.62	-4275.03	496431.42	649344.27	1.82	
15309.00	90.06	269.49	11186.68	7817.68	4369.35	347.60	-4370.03	496430.40	649249.27	0.22	
15403.00	90.56	270.53	11186.17	7817.17	4463.35	347.62	-4464.03	496430.42	649155.27	1.23	
15497.00	90.31	271.24	11185.45	7816.45	4557.33	349.07	-4558.01	496431.87	649061.29	0.80	
15593.00	90.12	270.93	11185.09	7816.09	4653.31	350.89	-4653.99	496433.69	648965.31	0.38	
15687.00	90.00	270.13	11184.99	7815.99	4747.30	351.76	-4747.99	496434.56	648871.31	0.86	
15782.00	89.75	270.26	11185.20	7816.20	4842.30	352.08	-4842.99	496434.88	648776.31	0.30	
15877.00	90.25	271.13	11185.20	7816.20	4937.29	353.23	-4937.98	496436.03	648681.32	1.06	
15967.00	90.31	272.16	11184.76	7815.76	5027.25	355.82	-5027.94	496438.62	648591.36	1.15	
16060.00	89.88	271.99	11184.61	7815.61	5120.18	359.18	-5120.88	496441.98	648498.42	0.50	
16152.00	90.31	272.17	11184.46	7815.46	5212.11	362.52	-5212.82	496445.32	648406.48	0.51	
16243.00	89.94	270.02	11184.26	7815.26	5303.09	364.26	-5303.80	496447.06	648315.50	2.40	
16334.00	89.94	269.64	11184.35	7815.35	5394.09	363.99	-5394.79	496446.79	648224.51	0.42	
16425.00	90.25	269.30	11184.20	7815.20	5485.08	363.15	-5485.79	496445.95	648133.51	0.51	
16515.00	90.12	269.42	11183.91	7814.91	5575.08	362.14	-5575.78	496444.94	648043.52	0.20	
16606.00	89.94	268.32	11183.86	7814.86	5666.06	360.35	-5666.76	496443.15	647952.54	1.22	
16699.00	89.88	268.07	11184.01	7815.01	5759.02	357.42	-5759.72	496440.22	647859.58	0.28	
16790.00	89.81	267.95	11184.26	7815.26	5849.97	354.26	-5850.66	496437.06	647768.64	0.15	
16882.00	90.06	268.19	11184.36	7815.36	5941.93	351.16	-5942.61	496433.96	647676.69	0.38	
16972.00	90.12	268.48	11184.22	7815.22	6031.89	348.55	-6032.57	496431.35	647586.73	0.33	
17063.00	90.37	269.12	11183.83	7814.83	6122.87	346.64	-6123.55	496429.44	647495.75	0.76	
17153.00	90.37	269.49	11183.25	7814.25	6212.87	345.55	-6213.54	496428.35	647405.76	0.41	
17243.00	90.43	269.99	11182.62	7813.62	6302.87	345.14	-6303.54	496427.94	647315.76	0.56	
17338.00	90.86	270.35	11181.55	7812.55	6397.86	345.42	-6398.53	496428.22	647220.77	0.59	
17433.00	90.43	269.98	11180.48	7811.48	6492.85	345.70	-6493.53	496428.50	647125.77	0.60	
17528.00	90.86	269.22	11179.41	7810.41	6587.84	345.03	-6588.52	496427.83	647030.78	0.92	
17622.00	90.93	269.72	11177.94	7808.94	6681.83	344.16	-6682.50	496426.96	646936.80	0.54	
17717.00	90.62	269.36	11176.66	7807.66	6776.82	343.40	-6777.49	496426.20	646841.81	0.50	
17812.00	90.93	269.72	11175.37	7806.37	6871.81	342.64	-6872.48	496425.44	646746.82	0.50	
17906.00	90.49	270.10	11174.21	7805.21	6965.80	342.49	-6966.47	496425.29	646652.83	0.62	
18001.00	90.43	270.37	11173.45	7804.45	7060.79	342.88	-7061.46	496425.68	646557.84	0.29	
18095.00	90.25	270.61	11172.89	7803.89	7154.79	343.68	-7155.46	496426.48	646463.84	0.32	
18190.00	89.75	269.56	11172.89	7803.89	7249.78	343.83	-7250.46	496426.63	646368.84	1.22	
18285.00	90.00	269.42	11173.10	7804.10	7344.78	342.98	-7345.45	496425.78	646273.85	0.30	
18379.00	89.75	269.55	11173.30	7804.30	7438.78	342.14	-7439.45	496424.94	646179.85	0.30	
18473.00	89.32	269.35	11174.06	7805.06	7532.77	341.23	-7533.44	496424.03	646085.86	0.50	
18567.00	89.69	269.85	11174.88	7805.88	7626.77	340.58	-7627.44	496423.38	645991.86	0.66	
18662.00	89.63	269.92	11175.44	7806.44	7721.77	340.39	-7722.43	496423.19	645896.87	0.10	
18756.00	90.06	270.30	11175.69	7806.69	7815.76	340.57	-7816.43	496423.37	645802.87	0.61	
18851.00	89.69	270.03	11175.90	7806.90	7910.76	340.84	-7911.43	496423.64	645707.87	0.48	
18945.00	89.63	269.73	11176.46	7807.46	8004.76	340.64	-8005.43	496423.44	645613.87	0.33	
19039.00	89.94	269.51	11176.81	7807.81	8098.76	340.02	-8099.43	496422.82	645519.87	0.40	
19133.00	89.94	269.53	11176.91	7807.91	8192.76	339.23	-8193.42	496422.03	645425.88	0.02	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)											Comment
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	
19228.00	89.38	269.66	11177.47	7808.47	8287.75	338.56	-8288.42	496421.36	645330.88	0.61	
19322.00	89.26	269.45	11178.59	7809.59	8381.75	337.83	-8382.41	496420.63	645236.89	0.26	
19416.00	89.57	269.62	11179.55	7810.55	8475.74	337.07	-8476.40	496419.87	645142.90	0.38	
19511.00	90.19	270.70	11179.75	7810.75	8570.74	337.33	-8571.40	496420.13	645047.90	1.31	
19606.00	89.94	271.01	11179.64	7810.64	8665.72	338.75	-8666.39	496421.55	644952.91	0.42	
19701.00	90.00	270.95	11179.69	7810.69	8760.71	340.38	-8761.37	496423.18	644857.93	0.09	
19795.00	90.06	271.25	11179.64	7810.64	8854.68	342.18	-8855.36	496424.98	644763.94	0.33	
19889.00	89.94	271.20	11179.64	7810.64	8948.66	344.19	-8949.34	496426.99	644669.96	0.14	
19984.00	91.05	271.07	11178.82	7809.82	9043.63	346.07	-9044.31	496428.87	644574.99	1.18	
20078.00	90.25	270.23	11177.75	7808.75	9137.61	347.14	-9138.30	496429.94	644481.00	1.23	
20173.00	91.05	270.88	11176.68	7807.68	9232.60	348.06	-9233.29	496430.86	644386.01	1.08	
20268.00	90.12	270.41	11175.71	7806.71	9327.59	349.13	-9328.27	496431.93	644291.03	1.10	
20362.00	90.31	270.73	11175.35	7806.35	9421.58	350.06	-9422.27	496432.86	644197.03	0.40	
20457.00	90.43	271.12	11174.74	7805.74	9516.56	351.60	-9517.25	496434.40	644102.05	0.43	
20552.00	90.56	271.15	11173.92	7804.92	9611.54	353.48	-9612.23	496436.28	644007.07	0.14	
20647.00	90.43	271.69	11173.10	7804.10	9706.50	355.83	-9707.20	496438.63	643912.10	0.58	
20741.00	90.43	271.51	11172.39	7803.39	9800.45	358.46	-9801.16	496441.26	643818.14	0.19	
20836.00	90.06	269.17	11171.99	7802.99	9895.44	359.02	-9896.15	496441.82	643723.15	2.49	
20930.00	90.37	268.00	11171.63	7802.63	9989.42	356.70	-9990.12	496439.50	643629.18	1.29	
21025.00	90.25	267.97	11171.12	7802.12	10084.36	353.36	-10085.06	496436.16	643534.24	0.13	
21118.00	90.25	268.14	11170.71	7801.71	10177.31	350.20	-10178.00	496433.00	643441.30	0.18	
21213.00	90.25	268.35	11170.30	7801.30	10272.27	347.29	-10272.96	496430.09	643346.34	0.22	
21307.00	90.31	268.62	11169.84	7800.84	10366.24	344.81	-10366.92	496427.61	643252.38	0.29	
21401.00	90.18	269.58	11169.44	7800.44	10460.23	343.33	-10460.91	496426.13	643158.39	1.03	
21496.00	90.12	270.01	11169.19	7800.19	10555.23	342.99	-10555.91	496425.79	643063.39	0.46	
21590.00	90.31	270.16	11168.84	7799.84	10649.23	343.13	-10649.91	496425.93	642969.39	0.26	
21685.00	90.56	270.20	11168.12	7799.12	10744.23	343.43	-10744.91	496426.23	642874.39	0.27	
21780.00	90.74	269.76	11167.04	7798.04	10839.22	343.40	-10839.90	496426.20	642779.40	0.50	
21874.00	90.62	269.38	11165.92	7796.92	10933.21	342.69	-10933.89	496425.49	642685.41	0.42	
21968.00	90.19	268.25	11165.26	7796.26	11027.19	340.75	-11027.87	496423.55	642591.43	1.29	
22063.00	90.62	268.82	11164.59	7795.59	11122.16	338.32	-11122.83	496421.12	642496.47	0.75	
22158.00	90.56	269.45	11163.61	7794.61	11217.15	336.88	-11217.82	496419.68	642401.48	0.67	
22253.00	90.49	269.91	11162.74	7793.74	11312.14	336.35	-11312.81	496419.15	642306.49	0.49	
22347.00	90.86	270.00	11161.63	7792.63	11406.14	336.28	-11406.80	496419.08	642212.50	0.41	
22442.00	90.80	270.64	11160.25	7791.25	11501.12	336.81	-11501.79	496419.61	642117.51	0.68	
22537.00	90.68	270.82	11159.03	7790.03	11596.11	338.02	-11596.78	496420.82	642022.52	0.23	
22631.00	90.99	270.60	11157.66	7788.66	11690.09	339.18	-11690.76	496421.98	641928.54	0.40	
22726.00	90.68	270.63	11156.27	7787.27	11785.07	340.20	-11785.74	496423.00	641833.56	0.33	
22820.00	90.93	270.66	11154.95	7785.95	11879.05	341.26	-11879.73	496424.06	641739.57	0.27	
22915.00	91.05	271.08	11153.31	7784.31	11974.02	342.70	-11974.70	496425.50	641644.60	0.46	
23009.00	90.37	271.02	11152.15	7783.15	12067.99	344.43	-12068.68	496427.23	641550.62	0.73	
23104.00	90.31	271.12	11151.58	7782.58	12162.97	346.20	-12163.66	496429.00	641455.64	0.12	
23198.00	90.99	271.14	11150.52	7781.52	12256.94	348.05	-12257.64	496430.85	641361.66	0.72	
23292.00	90.86	270.56	11149.00	7780.00	12350.92	349.45	-12351.61	496432.25	641267.69	0.63	
23387.00	90.99	270.02	11147.46	7778.46	12445.90	349.93	-12446.60	496432.73	641172.70	0.58	
23482.00	90.68	269.68	11146.08	7777.08	12540.89	349.68	-12541.59	496432.48	641077.71	0.48	
23576.00	91.05	269.76	11144.66	7775.66	12634.88	349.22	-12635.58	496432.02	640983.72	0.40	
23670.00	90.74	269.21	11143.19	7774.19	12728.87	348.38	-12729.56	496431.18	640889.74	0.67	
23765.00	89.81	268.94	11142.74	7773.74	12823.86	346.84	-12824.55	496429.64	640794.75	1.02	
23860.00	89.88	268.47	11142.99	7773.99	12918.83	344.70	-12919.52	496427.50	640699.78	0.50	
23955.00	89.81	268.36	11143.25	7774.25	13013.80	342.07	-13014.48	496424.87	640604.82	0.14	
24049.00	89.69	268.15	11143.66	7774.66	13107.76	339.21	-13108.44	496422.01	640510.86	0.26	
24143.00	90.19	268.23	11143.76	7774.76	13201.72	336.24	-13202.39	496419.04	640416.91	0.54	
24238.00	90.31	268.64	11143.34	7774.34	13296.69	333.64	-13297.36	496416.44	640321.94	0.45	
24332.00	90.49	269.34	11142.69	7773.69	13390.68	331.99	-13391.34	496414.79	640227.96	0.77	
24427.00	90.43	269.40	11141.93	7772.93	13485.67	330.94	-13486.33	496413.74	640132.97	0.09	
24521.00	90.43	269.61	11141.22	7772.22	13579.66	330.13	-13580.32	496412.93	640038.98	0.22	
24616.00	90.56	270.59	11140.40	7771.40	13674.66	330.29	-13675.32	496413.09	639943.98	1.04	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
24711.00	90.43	270.74	11139.58	7770.58	13769.65	331.40	-13770.31	496414.20	639848.99	0.21	
24804.00	90.37	271.01	11138.93	7769.93	13862.63	332.82	-13863.29	496415.62	639756.01	0.30	
24899.00	90.74	270.92	11138.01	7769.01	13957.61	334.42	-13958.28	496417.22	639661.02	0.40	
24994.00	90.68	270.79	11136.83	7767.83	14052.59	335.84	-14053.26	496418.64	639566.04	0.15	
25088.00	90.68	271.56	11135.72	7766.72	14146.56	337.76	-14147.23	496420.56	639472.07	0.82	
25183.00	90.80	270.82	11134.49	7765.49	14241.52	339.74	-14242.20	496422.54	639377.10	0.79	
25277.00	90.49	269.91	11133.43	7764.43	14335.51	340.33	-14336.19	496423.13	639283.11	1.02	
25372.00	90.37	269.70	11132.72	7763.72	14430.51	340.01	-14431.19	496422.81	639188.11	0.25	
25467.00	90.43	269.24	11132.06	7763.06	14525.51	339.13	-14526.18	496421.93	639093.12	0.49	
25561.00	90.43	268.27	11131.35	7762.35	14619.48	337.09	-14620.16	496419.89	638999.14	1.03	
25656.00	90.62	269.16	11130.48	7761.48	14714.46	334.96	-14715.13	496417.76	638904.17	0.96	
25750.00	90.74	269.95	11129.36	7760.36	14808.45	334.23	-14809.12	496417.03	638810.18	0.85	
25843.00	90.99	271.32	11127.96	7758.96	14901.43	335.26	-14902.10	496418.06	638717.20	1.50	
25936.00	90.80	271.18	11126.51	7757.51	14994.39	337.29	-14995.07	496420.09	638624.23	0.25	
26029.00	90.49	270.08	11125.46	7756.46	15087.38	338.31	-15088.05	496421.11	638531.25	1.23	
26129.00	90.37	269.86	11124.71	7755.71	15187.37	338.26	-15188.05	496421.06	638431.25	0.25	
26224.00	90.86	269.77	11123.69	7754.69	15282.37	337.95	-15283.04	496420.75	638336.26	0.52	
26331.00	90.25	268.88	11122.65	7753.65	15389.36	336.69	-15390.03	496419.49	638229.27	1.01	Last WFT SVY
26357.00	90.25	268.88	11122.54	7753.54	15415.35	336.18	-15416.02	496418.98	638203.28	0.00	PTB

Formation Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)										
Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	
Rustler	366.02	0.33	176.71	366.00	-3003.00	-2.58	1.86	496080.22	653621.16	
Magenta Dolomite	426.02	0.28	135.77	426.00	-2943.00	-2.88	1.93	496079.92	653621.23	
Salado/Top of Salt	653.03	0.95	55.53	653.00	-2716.00	-1.74	4.02	496081.06	653623.32	
Castile Anhydrite 1 Top	2525.80	0.60	179.12	2525.00	-844.00	21.46	2.13	496104.26	653621.43	
Castile Anhydrite 1 Base	2942.81	0.44	180.13	2942.00	-427.00	18.26	2.33	496101.06	653621.63	
Castile Anhydrite 2 Top	3160.82	0.30	140.90	3160.00	-209.00	16.43	2.89	496099.23	653622.19	
Castile Anhydrite 2 Base	3259.82	0.11	46.75	3259.00	-110.00	16.40	3.06	496099.20	653622.36	
Base Salt	3605.83	0.20	188.96	3605.00	236.00	15.84	4.76	496098.64	653624.06	
Bell Canyon	3858.87	1.17	253.43	3858.00	489.00	14.63	0.82	496097.43	653620.12	
Cherry Canyon	4790.15	2.09	9.09	4789.00	1420.00	23.52	-7.83	496106.32	653611.47	
Manzanita Marker	4950.25	1.85	8.35	4949.00	1580.00	29.04	-7.00	496111.84	653612.30	
Brushy Canyon Ss.	6047.48	0.81	149.31	6046.00	2677.00	30.90	5.72	496113.70	653625.02	
Basal Brushy Canyon Ss.	7440.61	1.08	252.16	7439.00	4070.00	20.69	4.23	496103.49	653623.53	
Bone Spring Lm.	7719.66	1.04	246.49	7718.00	4349.00	19.18	-0.97	496101.98	653618.33	
Avalon Ss.	7900.70	1.29	239.11	7899.00	4530.00	17.43	-4.08	496100.23	653615.22	
Upper Avalon Carb.	8010.72	0.50	231.77	8009.00	4640.00	16.41	-5.69	496099.21	653613.61	
Upper Avalon Sh.	8078.72	0.57	219.04	8077.00	4708.00	15.99	-6.10	496098.79	653613.20	
Lw. Avalon Carb.	8130.72	0.51	221.40	8129.00	4760.00	15.57	-6.43	496098.37	653612.87	
Lw. Avalon Sh.	8324.72	0.49	25.44	8323.00	4954.00	16.29	-6.70	496099.09	653612.60	
BS Carb.	8530.73	0.56	108.50	8529.00	5160.00	16.52	-5.46	496099.32	653613.84	
First BS Ss.	8720.74	0.63	124.10	8719.00	5350.00	15.51	-3.63	496098.31	653615.67	
Second BS Carb.	9220.77	0.86	180.51	9219.00	5850.00	11.52	-1.42	496094.32	653617.88	
Top Second BS	9565.79	0.76	180.58	9564.00	6195.00	7.66	-2.15	496090.46	653617.15	

5D Survey Report

Formation Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)									
Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	TVD (MSL) (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)
Second BS A Ss.	9605.79	0.82	184.41	9604.00	6235.00	7.11	-2.18	496089.91	653617.12
Second BS A/B Carb.	9704.80	0.64	151.67	9703.00	6334.00	5.85	-2.06	496088.65	653617.24
Second BS B Ss.	9770.81	0.73	131.37	9769.00	6400.00	5.27	-1.56	496088.07	653617.74
Third BS Carb.	9855.82	0.94	118.13	9854.00	6485.00	4.58	-0.54	496087.38	653618.76
Third BS Shale	10060.85	0.81	66.96	10059.00	6690.00	3.21	2.62	496086.01	653621.92
Third BS Ss.	10551.12	2.62	318.11	10549.00	7180.00	16.93	-3.08	496099.73	653616.22
Third BS Red Hills Ss.	10894.28	29.73	285.57	10876.00	7507.00	45.97	-90.16	496128.77	653529.14
Wolfcamp Shale	10994.91	39.16	279.34	10959.00	7590.00	57.39	-145.66	496140.19	653473.64
Wolfcamp X Ss.	11011.87	40.74	278.85	10972.00	7603.00	59.11	-156.41	496141.91	653462.89
Wolfcamp Y Ss.	11084.50	47.98	277.75	11024.00	7655.00	66.37	-206.54	496149.17	653412.76
Wolfcamp A	11264.20	64.91	279.32	11122.00	7753.00	88.47	-354.74	496171.27	653264.56

Intent ☐ As Drilled ☒

API # 30-015-45467		
Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: JAMES RANCH UNIT DI 2	Well Number 112H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	25	22S	30E		2,616	FSL	2,048	FWL	EDDY
Latitude 32.363031					Longitude 103.836312				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	26	22S	30E		2,324	FNL	133	FEL	EDDY
Latitude 32.363971					Longitude 103.843379				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
G	28	22S	30E		2,308	FNL	2,336	FEL	EDDY
Latitude 32.364101					Longitude 103.885181				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

KZ 06/29/2018

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017												
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-45467										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name JAMES RANCH UNIT DI 2										
								6. Well Number: 112H										
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																		
8. Name of Operator XTO PERMIAN OPERATING LLC.						9. OGRID 373075												
10. Address of Operator 6401 HOLIDAY HILL RD BLDG #5, MIDLAND TX 79707						11. Pool name or Wildcat LOS MEDANOS; WOLFCAMP (GAS)												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	K	25	22S	30E		2600	South	2050	West	Eddy								
BH:	G	28	22S	30E		2310	North	2659	East	Eddy								
13. Date Spudded 2/15/2020	14. Date T.D. Reached 4/1/2020		15. Date Rig Released 4/8/2020		16. Date Completed (Ready to Produce) 5/29/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3344' GL										
18. Total Measured Depth of Well 26,357			19. Plug Back Measured Depth 26,354		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name 13,124 - 26,210 LOS MEDANOS; WOLFCAMP (GAS)																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
18 5/8"		87.5		623'		24"		1240										
13 3/8"		68.0		3,835'		17 1/2"		3370										
9 5/8"		40.0		9,864'		12 1/4"		2750										
5 1/2"		23.0		26,357'		8 1/2"		3630										
24. LINER RECORD																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET								
						2 7/8"		10,747		10,732								
26. Perforation record (interval, size, and number) 13,124 - 26,210 2spf, 2102 Total Shots 149 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>13,124 - 26,210</td> <td>522,963 bbl fluid + 19,654,071 lbs proppant</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	13,124 - 26,210	522,963 bbl fluid + 19,654,071 lbs proppant				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
13,124 - 26,210	522,963 bbl fluid + 19,654,071 lbs proppant																	
28. PRODUCTION																		
Date First Production 5/30/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 6/2/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1420	Gas - MCF 3205	Water - Bbl. 3814	Gas - Oil Ratio 2258											
Flow Tubing Press. 359	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl. 1420	Gas - MCF 3205	Water - Bbl. 3814	Oil Gravity - API - (Corr.)												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By										
31. List Attachments C-104 NW, C-102 & Supplement , Directional Survey (Log uploaded to NMOCD)																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:										
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude				Longitude				NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature <i>JoAnne Baltier</i>				Printed Name JoAnne Baltier		Title Regulatory Analyst			Date 7/20/21									
E-mail Address joanne.baltier@exxonmobil.com																		

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 438'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3124'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 3,342'	T. Morrison	
T. Drinkard	T. Bone Springs 7,019'	T. Todilto	
T. Abo	T. Rustler 239'	T. Entrada	
T. Wolfcamp 10,383'	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 37583

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 37583
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 37583

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CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/2/2021