OCD – Artesia – REC'D 5/4/2020

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM02953

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891000558X

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
JAMES RANCH UNIT DI 8 EAGLE 900H

2. Name of Operator
XTO PERMIAN OPERATING LLC
Contact: KELLY KARDOS
E-Mail: kelly_kardos@xtoenergy.com

9. API Well No.
30-015-46908-00-X1

3a. Address
6401 HOLIDAY HILL ROAD BLDG 5
MIDLAND, TX 79707

3b. Phone No. (include area code)
Ph: 432-620-4374

10. Field and Pool or Exploratory Area
WILDCAT BONE SPRING

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 36 T22S R30E SESW 1250 FSL 2325 FWL

11. County or Parish, State
EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original A PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

XTO Permian Operating, LLC requests permission to make the following changes to the APD:

Update casing & cement design per the attached.

Change well name from James Ranch Unit DI 8 BS3-3E 280H to James Ranch Unit DI 8 Eagle 900H.

Change SHL from 1901 FNL & 2022 FWL to 1250 FSL & 2325 FWL. No Surface Disturbance

Change BHL from 1650 FNL & 200 FEL to 1321 FSL & 50 FEL.

Attachments:
C102 & Supplement

Same COA's
Eng Rev JAM 4/28/20 Surface good 4-29-20 BR

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #509719 verified by the BLM Well Information System
For XTO PERMIAN OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 04/06/2020 (20PP1939SE)

Name *(Printed/Typed)* KELLY KARDOS — Title REGULATORY COORDINATOR

Signature (Electronic Submission) — Date 04/06/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title AFM Lands & Min — Date 04/29/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office CFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Accepted RWP 5/7/2020

Additional data for EC transaction #509719 that would not fit on the form

32. Additional remarks, continued

Casing/Cement Design
Directional Plan

Revisions to Operator-Submitted EC Data for Sundry Notice #509719

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM02953	NMNM02953
Agreement:	NMNM70965X	891000558X (NMNM70965X)
Operator:	XTO PERMIAN OPERATING, LLC 6401 HOLIDAY HILL RD BLDG 5 MIDLAND, TX 79707 Ph: 432-620-4374	XTO PERMIAN OPERATING LLC 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707 Ph: 432.683 2277
Admin Contact:	KELLY KARDOS REGULATORY COORDINATOR E-Mail: kelly_kardos@xtoenergy.com Ph: 432-620-4374	KELLY KARDOS REGULATORY COORDINATOR E-Mail: kelly_kardos@xtoenergy.com Ph: 432-620-4374
Tech Contact:	KELLY KARDOS REGULATORY COORDINATOR E-Mail: kelly_kardos@xtoenergy.com Ph: 432-620-4374	KELLY KARDOS REGULATORY COORDINATOR E-Mail: kelly_kardos@xtoenergy.com Ph: 432-620-4374
Location: State: County:	 NM EDDY	 NM EDDY
Field/Pool:	LOS MEDANOS BONE SPRING	WILDCAT
Well/Facility:	JAMES RANCH UNIT DI 8 BS3-3E 280H	

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

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-46908	40295	~~WILDCAT;~~BONE SPRING Los Medanos

[4] Property Code	[5] Property Name	[6] Well Number
327343	JAMES RANCH UNIT DI 8 EAGLE	900H

[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,303'

[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
N	36	22 S	30 E		1,250	SOUTH	2,325	WEST	EDDY

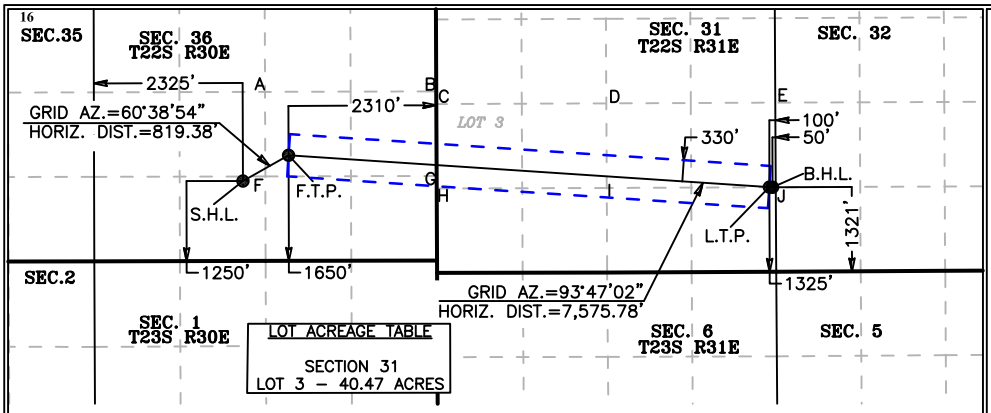
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	22 S	31 E		1,321	SOUTH	50	EAST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
480.47 480.98			

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.

[16]



SHL (NAD83 NME)		LTP (NAD83 NME)		SHL (NAD27 NME)		LTP (NAD27 NME)	
Y =	489,513.4	Y =	489,418.4	Y =	489,453.1	Y =	489,358.2
X =	695,108.1	X =	703,331.5	X =	653,926.1	X =	662,149.4
LAT. =	32.344761 °N	LAT. =	32.344392 °N	LAT. =	32.344638 °N	LAT. =	32.344269 °N
LONG. =	103.835411 °W	LONG. =	103.808785 °W	LONG. =	103.834919 °W	LONG. =	103.808294 °W
FTP (NAD83 NME)		**BHL (NAD83 NME)**		**FTP (NAD27 NME)**		**BHL (NAD27 NME)**	
Y =	489,915.1	Y =	489,415.1	Y =	489,854.8	Y =	489,354.9
X =	695,822.3	X =	703,381.5	X =	654,640.3	X =	662,199.4
LAT. =	32.345856 °N	LAT. =	32.344382 °N	LAT. =	32.345733 °N	LAT. =	32.344259 °N
LONG. =	103.833092 °W	LONG. =	103.808623 °W	LONG. =	103.832600 °W	LONG. =	103.808132 °W

CORNER COORDINATES (NAD83 NME)				CORNER COORDINATES (NAD27 NME)			
A - Y =	490,904.4 N	, X =	695,453.8 E	A - Y =	490,844.1 N	, X =	654,271.8 E
B - Y =	490,912.1 N	, X =	698,127.5 E	B - Y =	490,851.8 N	, X =	656,945.5 E
C - Y =	490,713.9 N	, X =	698,128.5 E	C - Y =	490,653.6 N	, X =	656,946.5 E
D - Y =	490,725.1 N	, X =	700,785.2 E	D - Y =	490,664.8 N	, X =	659,603.1 E
E - Y =	490,736.2 N	, X =	703,424.6 E	E - Y =	490,676.0 N	, X =	662,242.6 E
F - Y =	489,584.3 N	, X =	695,458.2 E	F - Y =	489,524.1 N	, X =	654,276.1 E
G - Y =	489,591.2 N	, X =	698,133.8 E	G - Y =	489,531.0 N	, X =	656,951.8 E
H - Y =	489,395.9 N	, X =	698,134.8 E	H - Y =	489,335.6 N	, X =	656,952.7 E
I - Y =	489,403.9 N	, X =	700,792.0 E	I - Y =	489,343.7 N	, X =	659,609.9 E
J - Y =	489,415.3 N	, X =	703,431.5 E	J - Y =	489,355.2 N	, X =	662,249.4 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.

Kelly Kardos — 1-27-20
Signature — Date

Kelly Kardos
Printed Name

kelly_kardos@xtoenergy.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.

01-14-2020
Date of Survey

Signatue and Seal of Professional Surveyor:

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number — GM — 2019072364

RWP 5/7/2020

P:\PROJECTS\2019\2019072364-XTO-JRU_DI_8_EAGLE_900H-EDDY\DWG\2019072364-XTO-JRU_DI_8_EAGLE_900H_C-102_UPDATED.dwg

Intent [X] As Drilled [ ]

API #
30-015-46908

Operator Name:	Property Name:	Well Number
XTO PERMIAN OPERATING, LLC	JAMES RANCH UNIT DI 8 EAGLE	900H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	36	22S	30E		1250	SOUTH	2325	WEST	EDDY

Latitude	Longitude	NAD
32.344761	-103.835411	83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
J	20	22S	30E		1650	SOUTH	2310	EAST	EDDY

Latitude	Longitude	NAD
32.345856	-103.833092	83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	31	22S	31E		1325	SOUTH	100	EAST	EDDY

Latitude	Longitude	NAD
32.344392	-103.808785	83

Is this well the defining well for the Horizontal Spacing Unit? [Y]

Is this well an infill well? [N]

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
XTO PERMIAN OPERATING, LLC		

KZ 06/29/2018

James Ranch Unit DI 8 Eagle 900H
Projected TD: 19046' MD / 10918' TVD
SHL: 1250' FSL & 2325' FWL , Section 36, T22S, R30E
BHL: 1321' FSL & 50' FEL , Section 31, T22S, R31E
Eddy County, NM

Casing Design

The surface fresh water sands will be protected by setting 18-5/8" inch casing @ 569' (25' above the salt) and circulating cement back to surface. The salt will be isolated by setting 13-3/8" inch casing at 3636' and circulating cement to surface. The second intermediate will isolate from the salt down to the next casing seat by setting 9-5/8" inch casing at 7883' and cemented 200' into the 13-3/8 inch casing. A 8-3/4" inch curve and lateral hole will be drilled to MD/TD and 5-1/2 inch casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 7383 feet) per Potash regulations.

Hole Size	Depth	OD Csg	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
24"	0' – 569'	18-5/8"	87.5	STC	H-40	New	1.47	2.45	11.23
17-1/2"	0' – 3636'	13-3/8"	68	STC	J-55	New	1.69	1.73	2.73
12-1/4"	0' – 7883'	9-5/8"	40	LTC	HCL-80	New	1.73	1.87	2.31
8-3/4"	0' – 19046'	5-1/2"	17	BTC	P-110	New	1.01	1.30	2.37

XTO requests to not utilize centralizers in the curve and lateral
18-5/8" Collapse analyzed using 75% evacuation. Casing to be filled while running.
13-3/8" Collapse analyzed using 50% evacuation based on regional experience.
9-5/8" Collapse analyzed using 50% evacuation based on regional experience.
5-1/2" tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35
Test on 2M Annular & Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less

WELLHEAD:

Permanent Wellhead – Multibowl System
A. Starting Head: 13-5/8" 5M top flange x 13-3/8" SOW bottom
B. Tubing Head: 13-5/8" 5M bottom flange x 7-1/16" 10M top flange
- · Wellhead will be installed by manufacturer's representatives.
- · Manufacturer will monitor welding process to ensure appropriate temperature of seal.
- · Operator will test the 9-5/8" casing per BLM Onshore Order 2
- · Wellhead Manufacturer representative will not be present for BOP test plug installation

Cement Program

Surface Casing:

Lead: 350 sxs EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 550 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

Two additional 1" top out jobs will be attempted after the surface cement job. If the top of cement is not affected by the two top out jobs, ~10-20 ppb gravel will be added on the backside

Intermediate Casing:

1st Intermediate

Lead: 2470 sxs EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 300 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Intermediate
ECP/DV Tool to be set at 3736'

1st Stage
Lead: 1210 sxs Halcem-C + 2% CaCl (mixed at 12.9 ppg, 1.88 ft3/sx, 9.61 gal/sx water)
Tail: 230 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Stage
Lead: 60 sxs Halcem-C + 2% CaCl (mixed at 12.9 ppg, 1.88 ft3/sx, 9.61 gal/sx water)
Tail: 230 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

Production Casing:
Lead: 280 sxs NeoCem (mixed at 10.5 ppg, 2.69 ft3/sx, 12.26 gal/sx water) Top of Cement:
Compressives: 12-hr = 1375 psi 24 hr = 2285 psi

Mud Circulation Program

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 569'	24"	FW/Native	8.4-8.8	35-40	NC
569' - 3636'	17-1/2”	Brine	9.8-10.2	30-32	NC
3636' to 7883'	12-1/4”	FW / Cut Brine	8.7-9.4	30-32	NC
7883' to 19046'	8-3/4"	Cut Brine / Polymer	9.8 - 10.1	29-32	NC - 20

DRILLING PLAN: BLM COMPLIANCE
(Supplement to BLM 3160-3)

XTO Energy Inc.
James Ranch Unit DI 8 Eagle 900H
Projected TD: 19046' MD / 10918' TVD
SHL: 1250' FSL & 2325' FWL , Section 36, T22S, R30E
BHL: 1321' FSL & 50' FEL , Section 31, T22S, R31E
Eddy County, NM

1. Geologic Name of Surface Formation

A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	287'	Water
Top of Salt	594'	Water
Base of Salt	3586'	Water
Delaware	3829'	Water
Bone Spring Lime	7656'	Water
1st Bone Spring Ss	8697'	Water/Oil/Gas
2nd Bone Spring Ss	9530'	Water/Oil/Gas
3rd Bone Spring Carb	9813'	Water/Oil/Gas
3rd Bone Spring Shale	10036'	Water/Oil/Gas
Target/Land Curve	10918'	Water/Oil/Gas

*** Hydrocarbons @ Brushy Canyon
*** Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 18-5/8" inch casing @ 569' (25' above the salt) and circulating cement back to surface. The salt will be isolated by setting 13-3/8" inch casing at 3636' and circulating cement to surface. The second intermediate will isolate from the salt down to the next casing seat by setting 9-5/8" inch casing at 7883' and cemented 200' into the 13-3/8 inch casing. A 8-3/4" inch curve and lateral hole will be drilled to MD/TD and 5-1/2 inch casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 7383 feet) per Potash regulations.

Casing Design

Hole Size	Depth	OD Csg	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
24"	0' – 569'	18-5/8"	87.5	STC	H-40	New	1.47	2.45	11.23
17-1/2"	0' – 3636'	13-3/8"	68	STC	J-55	New	1.69	1.73	2.73
12-1/4"	0' – 7883'	9-5/8"	40	LTC	HCL-80	New	1.73	1.87	2.31
8-3/4"	0' – 19046'	5-1/2"	17	BTC	P-110	New	1.01	1.30	2.37

· XTO requests to not utilize centralizers in the curve and lateral
· 18-5/8" Collapse analyzed using 75% evacuation. Casing to be filled while running.
· 13-3/8" Collapse analyzed using 50% evacuation based on regional experience.
· 9-5/8" Collapse analyzed using 33% evacuation based on regional experience.
· 5-1/2" Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35
· Test on 2M Annular & Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less

Wellhead:

Temporary Wellhead

· 18-5/8" SOW bottom x 21-1/4" 2M top flange.
· Permanent Wellhead – GE RSH Multibowl System

A. Starting Head: 13-5/8" 5M top flange x 13-3/8" SOW bottom
B. Tubing Head: 13-5/8" 5M bottom flange x 7-1/16" 10M top flange

· Wellhead will be installed by manufacturer's representatives.
· Manufacturer will monitor welding process to ensure appropriate temperature of seal.
· Operator will test the 9-5/8" casing per BLM Onshore Order 2
· Wellhead Manufacturer representative will not be present for BOP test plug installation

4. Cement Program

Surface Casing: 18-5/8", 87.5 New H-40, STC casing to be set at +/- 569'

Lead: 350 sxs EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 550 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

Top of Cement: Surface

Two additional 1" top out jobs will be attempted after the surface cement job. If the top of cement is not affected by the two top out jobs, ~10-20 ppb gravel will be added on the backside of the 1" to attempt to get cement to surface.

1st Intermediate Casing: 13-3/8", 68 New J-55, STC casing to be set at +/- 3636'

Lead: 2470 sxs EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 300 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

Top of Cement: Surface

2nd Intermediate Casing: 9-5/8", 40 New HCL-80, LTC casing to be set at +/- 7883'
ECP/DV Tool to be set at 3736'
1st Stage

Lead: 1210 sxs Halcem-C + 2% CaCl (mixed at 12.9 ppg, 1.88 ft3/sx, 9.61 gal/sx water)
Tail: 230 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Stage

Lead: 60 sxs Halcem-C + 2% CaCl (mixed at 12.9 ppg, 1.88 ft3/sx, 9.61 gal/sx water)
Tail: 230 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

Top of Cement: 200' inside previous casing shoe

Production Casing: 5-1/2", 17 New P-110, BTC casing to be set at +/- 19046'

Lead: 280 sxs NeoCem (mixed at 10.5 ppg, 2.69 ft3/sx, 12.26 gal/sx water) Top of Cement:
Compressives: 12-hr = 1375 psi 24 hr = 2285 psi

5. Pressure Control Equipment

The blow out preventer equipment (BOP) on surface casing temporary wellhead will consist of a 21-1/4" minimum 2M Hydril. MASP should not exceed 1110 psi.

Once the permanent WH is installed on the 13-3/8" casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 3332 psi.In any instance where 10M BOP is required by BLM, XTO requests a variance to utilize 5M annular with 10M ram preventers (a common BOP configuration, which allows use of 10M rams in unlikely event that pressures exceed 5M).

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nippling up on the 13-3/8", 5M bradenhead and flange, the BOP test will be limited to 5M psi. When nippling up on the 9-5/8", the BOP will be tested to a minimum of 5M psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 569'	24"	FW/Native	8.4-8.8	35-40	NC
569' - 3636'	17-1/2"	Brine	9.8-10.2	30-32	NC
3636' to 7883'	12-1/4"	FW / Cut Brine	8.7-9.4	30-32	NC
7883' to 19046'	8-3/4"	Cut Brine / Polymer	9.8 - 10.1	29-32	NC - 20

The necessary mud products for weight addition and fluid loss control will be on location at all times. Spud with fresh water/native mud. Drill out from under 18-5/8" surface casing with brine solution. A 9.8 ppg -10.2 ppg brine mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

A. A Kelly cock will be in the drill string at all times.
B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
C. H2S monitors will be on location when drilling below the 13-3/8" casing.

8. Logging, Coring and Testing Program

Mud Logger: Mud Logging Unit (2 man) below intermediate casing.

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 175 to 195 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 5734 psi.

10. Anticipated Starting Date and Duration of Operations

Road and location construction will begin after Santa Fe and BLM have approved the APD. Anticipated spud date will be as soon after Santa Fe and BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 40 days. If production casing is run, an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.

Planned Wellpath Report

JRU DI 8 Eagle #900H Rev-A.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

REPORT SETUP INFORMATION			
Projection System	**NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet**	Software System	**WellArchitect® 6.0**
North Reference	**Grid**	User	**Gail Deering**
Scale	**0.999936**	Report Generated	**25/Jan/2020** at **10:04**
Convergence at slot	**0.27° East**	Database	**WA_HOU_Midland_Defn**

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	-2296.05	323.32	**653926.10**	**489453.10**	32°20'40.6954"N	103°50'5.7065"W
Facility Reference Pt			**653602.80**	**491749.00**	32°21'3.4301"N	103°50'9.3507"W
Field Reference Pt			**152400.30**	**0.00**	30°59'42.8458"N	105°26'33.6593"W

WELLPATH DATUM			
Calculation method	**Minimum curvature**	Precision 598 (RKB) to Facility Vertical Datum	**3328.00ft**
Horizontal Reference Pt	**Slot**	Precision 598 (RKB) to Mean Sea Level	**3328.00ft**
Vertical Reference Pt	**Precision 598 (RKB)**	Precision 598 (RKB) to Ground Level at Slot (JRU DI 8 Eagle #900H)	**25.00ft**
MD Reference Pt	**Precision 598 (RKB)**	Section Origin	**N 0.00, E 0.00 ft**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**93.74°**

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REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

WELLPATH DATA (200 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	30.000	0.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
25.00	0.000	30.000	25.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	Tie On
27.00†	0.000	30.000	27.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
127.00†	0.000	30.000	127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
227.00†	0.000	30.000	227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
327.00†	0.000	30.000	327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
427.00†	0.000	30.000	427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
527.00†	0.000	30.000	527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
627.00†	0.000	30.000	627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
727.00†	0.000	30.000	727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
827.00†	0.000	30.000	827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
927.00†	0.000	30.000	927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1027.00†	0.000	30.000	1027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1127.00†	0.000	30.000	1127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1227.00†	0.000	30.000	1227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1327.00†	0.000	30.000	1327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1427.00†	0.000	30.000	1427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1527.00†	0.000	30.000	1527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1627.00†	0.000	30.000	1627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1727.00†	0.000	30.000	1727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1827.00†	0.000	30.000	1827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
1927.00†	0.000	30.000	1927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2027.00†	0.000	30.000	2027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2127.00†	0.000	30.000	2127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2227.00†	0.000	30.000	2227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2327.00†	0.000	30.000	2327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2427.00†	0.000	30.000	2427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2527.00†	0.000	30.000	2527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2627.00†	0.000	30.000	2627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2727.00†	0.000	30.000	2727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	

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Planned Wellpath Report

JRU DI 8 Eagle #900H Rev-A.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

WELLPATH DATA (200 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2827.00†	0.000	30.000	2827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
2927.00†	0.000	30.000	2927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3027.00†	0.000	30.000	3027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3127.00†	0.000	30.000	3127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3227.00†	0.000	30.000	3227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3327.00†	0.000	30.000	3327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3427.00†	0.000	30.000	3427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3527.00†	0.000	30.000	3527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3627.00†	0.000	30.000	3627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3727.00†	0.000	30.000	3727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3827.00†	0.000	30.000	3827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
3927.00†	0.000	30.000	3927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4027.00†	0.000	30.000	4027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4127.00†	0.000	30.000	4127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4227.00†	0.000	30.000	4227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4327.00†	0.000	30.000	4327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4427.00†	0.000	30.000	4427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4527.00†	0.000	30.000	4527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4627.00†	0.000	30.000	4627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4727.00†	0.000	30.000	4727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4827.00†	0.000	30.000	4827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
4927.00†	0.000	30.000	4927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5027.00†	0.000	30.000	5027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5127.00†	0.000	30.000	5127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5227.00†	0.000	30.000	5227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5327.00†	0.000	30.000	5327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5427.00†	0.000	30.000	5427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5527.00†	0.000	30.000	5527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5627.00†	0.000	30.000	5627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5727.00†	0.000	30.000	5727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	

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Planned Wellpath Report

JRU DI 8 Eagle #900H Rev-A.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

WELLPATH DATA (200 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5827.00†	0.000	30.000	5827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
5927.00†	0.000	30.000	5927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6027.00†	0.000	30.000	6027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6127.00†	0.000	30.000	6127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6227.00†	0.000	30.000	6227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6327.00†	0.000	30.000	6327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6427.00†	0.000	30.000	6427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6527.00†	0.000	30.000	6527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6627.00†	0.000	30.000	6627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6727.00†	0.000	30.000	6727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6827.00†	0.000	30.000	6827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
6927.00†	0.000	30.000	6927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7027.00†	0.000	30.000	7027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7127.00†	0.000	30.000	7127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7227.00†	0.000	30.000	7227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7327.00†	0.000	30.000	7327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7427.00†	0.000	30.000	7427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7527.00†	0.000	30.000	7527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7627.00†	0.000	30.000	7627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7727.00†	0.000	30.000	7727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7827.00†	0.000	30.000	7827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
7927.00†	0.000	30.000	7927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8027.00†	0.000	30.000	8027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8127.00†	0.000	30.000	8127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8227.00†	0.000	30.000	8227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8327.00†	0.000	30.000	8327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8427.00†	0.000	30.000	8427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8527.00†	0.000	30.000	8527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8627.00†	0.000	30.000	8627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8727.00†	0.000	30.000	8727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	

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Planned Wellpath Report

JRU DI 8 Eagle #900H Rev-A.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

WELLPATH DATA (200 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8827.00†	0.000	30.000	8827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
8927.00†	0.000	30.000	8927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9027.00†	0.000	30.000	9027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9127.00†	0.000	30.000	9127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9227.00†	0.000	30.000	9227.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9327.00†	0.000	30.000	9327.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9427.00†	0.000	30.000	9427.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9527.00†	0.000	30.000	9527.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9627.00†	0.000	30.000	9627.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9727.00†	0.000	30.000	9727.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9827.00†	0.000	30.000	9827.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
9927.00†	0.000	30.000	9927.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
10027.00†	0.000	30.000	10027.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
10127.00†	0.000	30.000	10127.00	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	
10208.81	0.000	30.000	10208.81	0.00	0.00	0.00	653926.10	489453.10	32°20'40.6954"N	103°50'5.7065"W	0.00	0.00	0.00	Curve KOP
10227.00†	1.819	30.000	10227.00	0.13	0.25	0.14	653926.24	489453.35	32°20'40.6979"N	103°50'5.7048"W	10.00	10.00	0.00	
10327.00†	11.819	30.000	10326.16	5.37	10.52	6.07	653932.17	489463.62	32°20'40.7992"N	103°50'5.6351"W	10.00	10.00	0.00	
10427.00†	21.819	30.000	10421.76	18.16	35.55	20.52	653946.62	489488.64	32°20'41.0462"N	103°50'5.4654"W	10.00	10.00	0.00	
10527.00†	31.819	30.000	10510.90	38.09	74.57	43.05	653969.15	489527.66	32°20'41.4313"N	103°50'5.2006"W	10.00	10.00	0.00	
10627.00†	41.819	30.000	10590.85	64.57	126.40	72.98	653999.07	489579.49	32°20'41.9428"N	103°50'4.8490"W	10.00	10.00	0.00	
10708.81	50.000	30.000	10647.72	90.54	177.25	102.33	654028.43	489630.34	32°20'42.4446"N	103°50'4.5041"W	10.00	10.00	0.00	End of Build/Turn
10727.00†	50.502	32.274	10659.35	96.97	189.21	109.56	654035.66	489642.30	32°20'42.5627"N	103°50'4.4192"W	10.00	2.76	12.50	
10827.00†	54.001	44.134	10720.70	141.73	251.03	158.46	654084.55	489704.11	32°20'43.1720"N	103°50'3.8459"W	10.00	3.50	11.86	
10927.00†	58.558	54.847	10776.31	201.29	304.75	221.67	654147.75	489757.83	32°20'43.7008"N	103°50'3.1063"W	10.00	4.56	10.71	
11027.00†	63.919	64.487	10824.50	273.86	348.77	297.26	654223.35	489801.85	32°20'44.1328"N	103°50'2.2227"W	10.00	5.36	9.64	
11127.00†	69.861	73.239	10863.80	357.22	381.74	382.96	654309.04	489834.81	32°20'44.4551"N	103°50'1.2221"W	10.00	5.94	8.75	
11227.00†	76.203	81.329	10893.01	448.84	402.65	476.15	654402.22	489855.72	32°20'44.6577"N	103°50'0.1347"W	10.00	6.34	8.09	
11327.00†	82.794	88.982	10911.25	545.94	410.87	574.00	654500.06	489863.94	32°20'44.7346"N	103°49'58.9938"W	10.00	6.59	7.65	
11427.00†	89.509	96.413	10917.97	645.57	406.16	673.53	654599.59	489859.23	32°20'44.6833"N	103°49'57.8339"W	10.00	6.71	7.43	
11434.28	90.000	96.951	10918.00	652.85	405.31	680.77	654606.82	489858.38	32°20'44.6746"N	103°49'57.7496"W	10.00	6.74	7.39	End of Curve

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REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

WELLPATH DATA (200 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
11468.01	90.000	96.951	10918.00[1]	686.52	401.23	714.25	654640.30	489854.30	32°20'44.6326"N	103°49'57.3596"W	0.00	0.00	0.00	FTP
11527.00†	89.602	95.840	10918.20	745.45	394.66	772.87	654698.91	489847.73	32°20'44.5649"N	103°49'56.6767"W	2.00	-0.67	-1.88	
11627.00†	88.929	93.957	10919.49	845.41	386.12	872.49	654798.53	489839.19	32°20'44.4758"N	103°49'55.5160"W	2.00	-0.67	-1.88	
11638.30	88.853	93.744	10919.71	856.71	385.36	883.76	654809.80	489838.43	32°20'44.4678"N	103°49'55.3846"W	2.00	-0.67	-1.88	Target Line
11727.00†	88.853	93.744	10921.48	945.39	379.57	972.25	654898.29	489832.64	32°20'44.4064"N	103°49'54.3535"W	0.00	0.00	0.00	
11827.00†	88.853	93.744	10923.48	1045.37	373.04	1072.02	654998.05	489826.12	32°20'44.3371"N	103°49'53.1910"W	0.00	0.00	0.00	
11927.00†	88.853	93.744	10925.48	1145.35	366.51	1171.79	655097.81	489819.59	32°20'44.2679"N	103°49'52.0285"W	0.00	0.00	0.00	
12027.00†	88.853	93.744	10927.49	1245.33	359.98	1271.55	655197.57	489813.06	32°20'44.1987"N	103°49'50.8660"W	0.00	0.00	0.00	
12127.00†	88.853	93.744	10929.49	1345.31	353.45	1371.32	655297.33	489806.53	32°20'44.1295"N	103°49'49.7035"W	0.00	0.00	0.00	
12227.00†	88.853	93.744	10931.49	1445.29	346.93	1471.09	655397.09	489800.00	32°20'44.0602"N	103°49'48.5410"W	0.00	0.00	0.00	
12327.00†	88.853	93.744	10933.49	1545.27	340.40	1570.85	655496.85	489793.47	32°20'43.9910"N	103°49'47.3785"W	0.00	0.00	0.00	
12427.00†	88.853	93.744	10935.49	1645.25	333.87	1670.62	655596.61	489786.95	32°20'43.9217"N	103°49'46.2160"W	0.00	0.00	0.00	
12527.00†	88.853	93.744	10937.50	1745.23	327.34	1770.38	655696.37	489780.42	32°20'43.8525"N	103°49'45.0535"W	0.00	0.00	0.00	
12627.00†	88.853	93.744	10939.50	1845.21	320.81	1870.15	655796.13	489773.89	32°20'43.7832"N	103°49'43.8910"W	0.00	0.00	0.00	
12727.00†	88.853	93.744	10941.50	1945.19	314.28	1969.92	655895.89	489767.36	32°20'43.7140"N	103°49'42.7285"W	0.00	0.00	0.00	
12827.00†	88.853	93.744	10943.50	2045.17	307.75	2069.68	655995.65	489760.83	32°20'43.6447"N	103°49'41.5660"W	0.00	0.00	0.00	
12927.00†	88.853	93.744	10945.50	2145.15	301.23	2169.45	656095.41	489754.31	32°20'43.5755"N	103°49'40.4035"W	0.00	0.00	0.00	
13027.00†	88.853	93.744	10947.51	2245.13	294.70	2269.22	656195.17	489747.78	32°20'43.5062"N	103°49'39.2410"W	0.00	0.00	0.00	
13127.00†	88.853	93.744	10949.51	2345.11	288.17	2368.98	656294.93	489741.25	32°20'43.4369"N	103°49'38.0785"W	0.00	0.00	0.00	
13227.00†	88.853	93.744	10951.51	2445.09	281.64	2468.75	656394.69	489734.72	32°20'43.3677"N	103°49'36.9160"W	0.00	0.00	0.00	
13327.00†	88.853	93.744	10953.51	2545.07	275.11	2568.52	656494.45	489728.19	32°20'43.2984"N	103°49'35.7535"W	0.00	0.00	0.00	
13427.00†	88.853	93.744	10955.51	2645.05	268.58	2668.28	656594.21	489721.67	32°20'43.2291"N	103°49'34.5910"W	0.00	0.00	0.00	
13527.00†	88.853	93.744	10957.52	2745.03	262.05	2768.05	656693.97	489715.14	32°20'43.1598"N	103°49'33.4285"W	0.00	0.00	0.00	
13627.00†	88.853	93.744	10959.52	2845.01	255.53	2867.82	656793.73	489708.61	32°20'43.0906"N	103°49'32.2660"W	0.00	0.00	0.00	
13727.00†	88.853	93.744	10961.52	2944.99	249.00	2967.58	656893.49	489702.08	32°20'43.0213"N	103°49'31.1035"W	0.00	0.00	0.00	
13827.00†	88.853	93.744	10963.52	3044.97	242.47	3067.35	656993.25	489695.55	32°20'42.9520"N	103°49'29.9410"W	0.00	0.00	0.00	
13927.00†	88.853	93.744	10965.52	3144.95	235.94	3167.12	657093.01	489689.02	32°20'42.8827"N	103°49'28.7785"W	0.00	0.00	0.00	
14027.00†	88.853	93.744	10967.53	3244.93	229.41	3266.88	657192.77	489682.50	32°20'42.8134"N	103°49'27.6160"W	0.00	0.00	0.00	
14127.00†	88.853	93.744	10969.53	3344.91	222.88	3366.65	657292.53	489675.97	32°20'42.7441"N	103°49'26.4535"W	0.00	0.00	0.00	
14227.00†	88.853	93.744	10971.53	3444.89	216.35	3466.42	657392.29	489669.44	32°20'42.6748"N	103°49'25.2910"W	0.00	0.00	0.00	

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Planned Wellpath Report

JRU DI 8 Eagle #900H Rev-A.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

WELLPATH DATA (200 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
14327.00†	88.853	93.744	10973.53	3544.87	209.83	3566.18	657492.05	489662.91	32°20'42.6055"N	103°49'24.1285"W	0.00	0.00	0.00	
14427.00†	88.853	93.744	10975.53	3644.85	203.30	3665.95	657591.81	489656.38	32°20'42.5362"N	103°49'22.9660"W	0.00	0.00	0.00	
14527.00†	88.853	93.744	10977.54	3744.83	196.77	3765.72	657691.57	489649.86	32°20'42.4669"N	103°49'21.8035"W	0.00	0.00	0.00	
14627.00†	88.853	93.744	10979.54	3844.81	190.24	3865.48	657791.33	489643.33	32°20'42.3976"N	103°49'20.6410"W	0.00	0.00	0.00	
14727.00†	88.853	93.744	10981.54	3944.79	183.71	3965.25	657891.09	489636.80	32°20'42.3283"N	103°49'19.4786"W	0.00	0.00	0.00	
14827.00†	88.853	93.744	10983.54	4044.77	177.18	4065.02	657990.85	489630.27	32°20'42.2590"N	103°49'18.3161"W	0.00	0.00	0.00	
14927.00†	88.853	93.744	10985.54	4144.75	170.65	4164.78	658090.61	489623.74	32°20'42.1897"N	103°49'17.1536"W	0.00	0.00	0.00	
15027.00†	88.853	93.744	10987.54	4244.73	164.13	4264.55	658190.37	489617.22	32°20'42.1203"N	103°49'15.9911"W	0.00	0.00	0.00	
15127.00†	88.853	93.744	10989.55	4344.71	157.60	4364.32	658290.13	489610.69	32°20'42.0510"N	103°49'14.8286"W	0.00	0.00	0.00	
15227.00†	88.853	93.744	10991.55	4444.69	151.07	4464.08	658389.89	489604.16	32°20'41.9817"N	103°49'13.6661"W	0.00	0.00	0.00	
15327.00†	88.853	93.744	10993.55	4544.67	144.54	4563.85	658489.65	489597.63	32°20'41.9124"N	103°49'12.5036"W	0.00	0.00	0.00	
15427.00†	88.853	93.744	10995.55	4644.65	138.01	4663.62	658589.41	489591.10	32°20'41.8430"N	103°49'11.3411"W	0.00	0.00	0.00	
15527.00†	88.853	93.744	10997.55	4744.63	131.48	4763.38	658689.17	489584.57	32°20'41.7737"N	103°49'10.1786"W	0.00	0.00	0.00	
15627.00†	88.853	93.744	10999.56	4844.61	124.95	4863.15	658788.93	489578.05	32°20'41.7043"N	103°49'9.0162"W	0.00	0.00	0.00	
15727.00†	88.853	93.744	11001.56	4944.59	118.43	4962.92	658888.69	489571.52	32°20'41.6350"N	103°49'7.8537"W	0.00	0.00	0.00	
15827.00†	88.853	93.744	11003.56	5044.57	111.90	5062.68	658988.45	489564.99	32°20'41.5657"N	103°49'6.6912"W	0.00	0.00	0.00	
15927.00†	88.853	93.744	11005.56	5144.55	105.37	5162.45	659088.21	489558.46	32°20'41.4963"N	103°49'5.5287"W	0.00	0.00	0.00	
16027.00†	88.853	93.744	11007.56	5244.53	98.84	5262.22	659187.97	489551.93	32°20'41.4270"N	103°49'4.3662"W	0.00	0.00	0.00	
16127.00†	88.853	93.744	11009.57	5344.51	92.31	5361.98	659287.73	489545.41	32°20'41.3576"N	103°49'3.2037"W	0.00	0.00	0.00	
16227.00†	88.853	93.744	11011.57	5444.49	85.78	5461.75	659387.49	489538.88	32°20'41.2882"N	103°49'2.0413"W	0.00	0.00	0.00	
16327.00†	88.853	93.744	11013.57	5544.47	79.25	5561.51	659487.25	489532.35	32°20'41.2189"N	103°49'0.8788"W	0.00	0.00	0.00	
16427.00†	88.853	93.744	11015.57	5644.45	72.73	5661.28	659587.01	489525.82	32°20'41.1495"N	103°48'59.7163"W	0.00	0.00	0.00	
16527.00†	88.853	93.744	11017.57	5744.43	66.20	5761.05	659686.77	489519.29	32°20'41.0802"N	103°48'58.5538"W	0.00	0.00	0.00	
16627.00†	88.853	93.744	11019.58	5844.41	59.67	5860.81	659786.53	489512.76	32°20'41.0108"N	103°48'57.3913"W	0.00	0.00	0.00	
16727.00†	88.853	93.744	11021.58	5944.39	53.14	5960.58	659886.29	489506.24	32°20'40.9414"N	103°48'56.2289"W	0.00	0.00	0.00	
16827.00†	88.853	93.744	11023.58	6044.37	46.61	6060.35	659986.05	489499.71	32°20'40.8720"N	103°48'55.0664"W	0.00	0.00	0.00	
16927.00†	88.853	93.744	11025.58	6144.35	40.08	6160.11	660085.81	489493.18	32°20'40.8027"N	103°48'53.9039"W	0.00	0.00	0.00	
17027.00†	88.853	93.744	11027.58	6244.33	33.55	6259.88	660185.57	489486.65	32°20'40.7333"N	103°48'52.7414"W	0.00	0.00	0.00	
17127.00†	88.853	93.744	11029.59	6344.31	27.03	6359.65	660285.33	489480.12	32°20'40.6639"N	103°48'51.5789"W	0.00	0.00	0.00	
17227.00†	88.853	93.744	11031.59	6444.29	20.50	6459.41	660385.09	489473.60	32°20'40.5945"N	103°48'50.4165"W	0.00	0.00	0.00	

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Planned Wellpath Report

JRU DI 8 Eagle #900H Rev-A.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

WELLPATH DATA (200 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
17327.00†	88.853	93.744	11033.59	6544.27	13.97	6559.18	660484.85	489467.07	32°20'40.5251"N	103°48'49.2540"W	0.00	0.00	0.00	
17427.00†	88.853	93.744	11035.59	6644.25	7.44	6658.95	660584.61	489460.54	32°20'40.4557"N	103°48'48.0915"W	0.00	0.00	0.00	
17527.00†	88.853	93.744	11037.59	6744.23	0.91	6758.71	660684.37	489454.01	32°20'40.3863"N	103°48'46.9290"W	0.00	0.00	0.00	
17627.00†	88.853	93.744	11039.60	6844.21	-5.62	6858.48	660784.13	489447.48	32°20'40.3169"N	103°48'45.7666"W	0.00	0.00	0.00	
17727.00†	88.853	93.744	11041.60	6944.19	-12.15	6958.25	660883.89	489440.96	32°20'40.2475"N	103°48'44.6041"W	0.00	0.00	0.00	
17827.00†	88.853	93.744	11043.60	7044.17	-18.67	7058.01	660983.65	489434.43	32°20'40.1781"N	103°48'43.4416"W	0.00	0.00	0.00	
17927.00†	88.853	93.744	11045.60	7144.15	-25.20	7157.78	661083.41	489427.90	32°20'40.1087"N	103°48'42.2791"W	0.00	0.00	0.00	
18027.00†	88.853	93.744	11047.60	7244.13	-31.73	7257.55	661183.17	489421.37	32°20'40.0393"N	103°48'41.1167"W	0.00	0.00	0.00	
18127.00†	88.853	93.744	11049.60	7344.11	-38.26	7357.31	661282.93	489414.84	32°20'39.9699"N	103°48'39.9542"W	0.00	0.00	0.00	
18227.00†	88.853	93.744	11051.61	7444.09	-44.79	7457.08	661382.69	489408.31	32°20'39.9005"N	103°48'38.7917"W	0.00	0.00	0.00	
18327.00†	88.853	93.744	11053.61	7544.07	-51.32	7556.85	661482.45	489401.79	32°20'39.8311"N	103°48'37.6293"W	0.00	0.00	0.00	
18427.00†	88.853	93.744	11055.61	7644.05	-57.85	7656.61	661582.21	489395.26	32°20'39.7616"N	103°48'36.4668"W	0.00	0.00	0.00	
18527.00†	88.853	93.744	11057.61	7744.03	-64.37	7756.38	661681.97	489388.73	32°20'39.6922"N	103°48'35.3043"W	0.00	0.00	0.00	
18627.00†	88.853	93.744	11059.61	7844.01	-70.90	7856.15	661781.73	489382.20	32°20'39.6228"N	103°48'34.1418"W	0.00	0.00	0.00	
18727.00†	88.853	93.744	11061.62	7943.99	-77.43	7955.91	661881.49	489375.67	32°20'39.5534"N	103°48'32.9794"W	0.00	0.00	0.00	
18827.00†	88.853	93.744	11063.62	8043.97	-83.96	8055.68	661981.25	489369.15	32°20'39.4839"N	103°48'31.8169"W	0.00	0.00	0.00	
18927.00†	88.853	93.744	11065.62	8143.95	-90.49	8155.45	662081.01	489362.62	32°20'39.4145"N	103°48'30.6544"W	0.00	0.00	0.00	
18995.56	88.853	93.744	11066.99	8212.49	-94.96	8223.84	662149.40	489358.14	32°20'39.3669"N	103°48'29.8575"W	0.00	0.00	0.00	LTP
19027.00†	88.853	93.744	11067.62	8243.93	-97.02	8255.21	662180.77	489356.09	32°20'39.3450"N	103°48'29.4920"W	0.00	0.00	0.00	
19045.68	88.853	93.744	11068.00	8262.60	-98.24	8273.84	662199.40	489354.87	32°20'39.3321"N	103°48'29.2749"W	0.00	0.00	0.00	PBHL (50' FEL)

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Planned Wellpath Report

JRU DI 8 Eagle #900H Rev-A.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**XTO Energy Inc.**	Well	**JRU DI 8 Eagle #900H**
Field	**Wolfcamp (Eddy Co., NM)**	API/Legal	
Facility	**JRU DI 8 Eagle Pad**	Wellbore	**JRU DI 8 Eagle #900H**
Slot	**JRU DI 8 Eagle #900H**		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) JRU DI 8 Eagle #900H FTP	11468.01	10918.00	401.23	714.25	**654640.30**	**489854.30**	32°20'44.6326"N	103°49'57.3596"W	point
JRU DI 8 Eagle #900H LTP	N/A	11066.99	-94.91	8223.84	**662149.40**	**489358.20**	32°20'39.3674"N	103°48'29.8575"W	point
JRU DI 8 Eagle #900H BHL	N/A	11068.00	-98.21	8273.84	**662199.40**	**489354.90**	32°20'39.3324"N	103°48'29.2749"W	rectangle
	2D Rectangle 7576.08 x 100.								

SURVEY PROGRAM - Ref Wellbore: JRU DI 8 Eagle #900H Ref Wellpath: JRU DI 8 Eagle #900H Rev-A.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	10208.81	BH NaviTrak (2019) (Standard)		JRU DI 8 Eagle #900H
10208.81	19045.68	OWSG MWD rev2 + IFR1 + Multi-Station Correction		JRU DI 8 Eagle #900H

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