Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
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-103
Revised July 18, 2013

WELL API NO.
30-015-44394

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
STATE

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
REMUDA SOUTH 25 STATE

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

8. Well Number
128H

2. Name of Operator
XTO ENERGY, INC

9. OGRID Number
5380

3. Address of Operator
6401 HOLIDAY HILL RD, BLDG 5, MIDLAND TX 79705

10. Pool name or Wildcat
PURPLE SAGE; WOLFCAMP

4. Well Location
Unit Letter H : 2280 feet from the NORTH line and 645 feet from the EAST line
Section 25 Township 23S Range 29E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3095' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy, Inc requests permission to make the following changes:

- Change well name from Remuda South 25 State 128H to Remuda South 25 State 908H.
- Change formation from Purple Sage; Wolfcamp (Gas) to Forty-Nine Ridge; Bone Spring, West (Oil)
- Change BHL from 200'FSL & 330'FEL to 50'FSL & 330'FEL
- Change the drilling program per the attached procedure.

RECEIVED
AUG 06 2019
DISTRICT II-ARTESIA O.C.D.

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kelly Kardos TITLE Regulatory Coordinator DATE 7/31/19

Type or print name Kelly Kardos E-mail address: kelly_kardos@xtoenergy.com PHONE: 432-620-4374

For State Use Only

APPROVED BY: Raymond M. Podany TITLE Geologist DATE 10-28-19
Conditions of Approval (if any):

RECEIVED

AUG 06 2019

DISTRICT II-ARTESIA O.C.D.

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
30-015-44394	96526	Forty-Niner Ridge Bone Spring, West

[4] Property Code	[5] Property Name	[6] Well Number
	REMUDA SOUTH 25 STATE	908H

[7] OGRID No.	[8] Operator Name	[9] Elevation
005380	XTO ENERGY, INC.	3,095'

[10] Surface Location

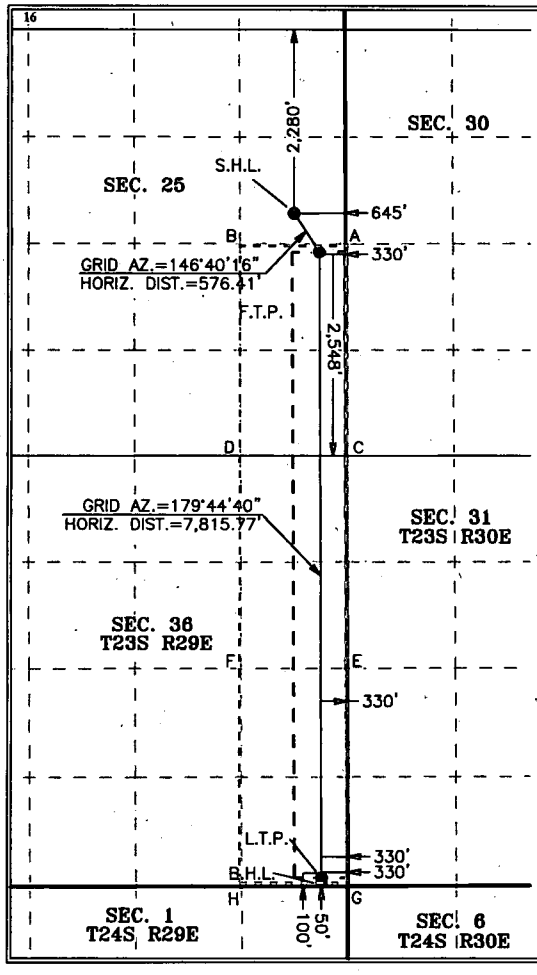
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	25	23 S	29 E		2,280	NORTH	645	EAST	EDDY

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	23 S	29 E		50	SOUTH	330	EAST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
240			

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.



GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION
Y= 464,640.1
X= 624,290.0
LAT.= 32.276772°N
LONG.= 103.931180°W

GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION
Y= 464,699.5
X= 665,473.0
LAT.= 32.276894°N
LONG.= 103.931670°W

FIRST TAKE POINT NAD 27 NME
Y= 464,158.5
X= 624,606.7
LAT.= 32.275445°N
LONG.= 103.930161°W

FIRST TAKE POINT NAD 83 NME
Y= 464,217.9
X= 665,789.7
LAT.= 32.275567°N
LONG.= 103.930652°W

CORNER COORDINATES TABLE NAD 27 NME
A - Y= 464,258.3 N, X= 624,936.3 E
B - Y= 464,258.9 N, X= 623,667.2 E
C - Y= 461,610.6 N, X= 624,947.7 E
D - Y= 461,609.3 N, X= 623,619.4 E
E - Y= 458,950.4 N, X= 624,961.0 E
F - Y= 458,948.5 N, X= 623,632.7 E
G - Y= 456,293.7 N, X= 624,971.6 E
H - Y= 456,290.8 N, X= 623,644.7 E

CORNER COORDINATES TABLE NAD 83 NME
A - Y= 464,317.7 N, X= 666,119.3 E
B - Y= 464,318.3 N, X= 664,850.2 E
C - Y= 461,669.9 N, X= 666,130.8 E
D - Y= 461,668.6 N, X= 664,802.5 E
E - Y= 459,009.7 N, X= 666,144.1 E
F - Y= 459,007.8 N, X= 664,815.8 E
G - Y= 456,352.9 N, X= 666,154.8 E
H - Y= 456,350.0 N, X= 664,827.9 E

LAST TAKE POINT NAD 27 NME
Y= 456,393.0
X= 624,641.2
LAT.= 32.254098°N
LONG.= 103.930144°W

LAST TAKE POINT NAD 83 NME
Y= 456,452.2
X= 665,824.4
LAT.= 32.254221°N
LONG.= 103.930634°W

BOTTOM HOLE LOCATION NAD 27 NME
Y= 456,343.0
X= 624,641.4
LAT.= 32.253960°N
LONG.= 103.930144°W

BOTTOM HOLE LOCATION NAD 83 NME
Y= 456,402.2
X= 665,824.6
LAT.= 32.254083°N
LONG.= 103.930634°W

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kelly Kardos — 7/31/19
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.

05-17-2019
Date of Survey

Signatue and Seal of Professional Surveyor:

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number — AW — 2019010059

P:\PROJECTS\2019\2019010059-XTO-REMUDA_SOUTH_25_STATE_908H-EDDY\DWG\2019010059-XTO-REMUDA_SOUTH_25_STATE_908H_C-102.dwg, 5/17/2019 12:15:07 PM, Adobe PDF

Rvs 10-28-19

Intent [X] As Drilled [ ]

API #
30-015-44394

Operator Name:	Property Name:	Well Number
XTO ENERGY INC	REMUDA SOUTH 25 STATE	908H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	25	23S	29E		2280	NORTH	645	EAST	EDDY

Latitude	Longitude	NAD
32.276894	-103.931670	NAD83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	25	23S	29E		2548	SOUTH	330	EAST	EDDY

Latitude	Longitude	NAD
32.275567	-103.930652	NAD83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	36	23S	29E		100	SOUTH	330	EAST	EDDY

Latitude	Longitude	NAD
32.254221	-103.930634	NAD83

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 #
30-015-44394

Operator Name:	Property Name:	Well Number
XTO ENERGY INC	REMUDA SOUTH 25 STATE	908H

KZ 06/29/2018

Remuda South 25 State 908H

KB 3118 Deepest TVD 10365 KOP 9787 End of Curve 10687 Measured depth 18103

Casing Type	Fluid Type	Mud Weight	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Lead Cement	Tail Cement	Total Sks Cement	TOC
Surface	FW/Native	8.3 - 9.0	20	16	H40 STC	64	0	350	90	275	365	0
1st Intermediate	Brine	9.8 - 10.3	14.75	11.75	H40 STC	42	0	3206	1062	168	1230	0
2nd Intermediate	FW/Cut Brine	8.7 - 9.7	10.625	8.625	J-55 LTC	32	0	7615	938	141	1079	0
Production	Cut Brine/OBM	10.0	7.875	5.5	P110 BTC	20	0	18103	209	1111	1320	6615

Max Expected Surface Pressure
3110

BOP
10M Double Ram BOP
Test Pressure 10000

Total Vertical Section 7416

Contingencies

1. DV tool may be set in 2nd intermediate between 3256'-3400'
2. XTO requests a variance to be able to batch drill this well if necessary. In doing so, XTO will set casing and ensure that the well is cemented properly and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per GE recommendations, XTO will contact the NMOCD to skid the rig to drill the remaining wells on the pad.

XTO ENERGY, INC.

Eddy County, NM
Sec 25, T23S, R29E
Remuda South 25 State 908H

Wellbore #1

Plan: Design #1

QES Well Planning Report

12 June, 2019

QES
DIRECTIONAL DRILLING

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Remuda South 25 State 908H
Company:	XTO ENERGY, INC.	**TVD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Project:	Eddy County, NM	**MD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	**North Reference:**	Grid
Well:	Remuda South 25 State 908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site	Sec 25, T23S, R29E				
Site Position:		**Northing:**	464,639.90 usft	**Latitude:**	32° 16' 36.381 N
From:	Map	**Easting:**	624,200.00 usft	**Longitude:**	103° 55' 53.295 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.21 °

Well	Remuda South 25 State 908H				
Well Position	**+N/-S**	0.2 usft	**Northing:**	464,640.10 usft	**Latitude:**	32° 16' 36.379 N
	+E/-W	90.0 usft	**Easting:**	624,290.00 usft	**Longitude:**	103° 55' 52.247 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,095.0 usft

Wellbore	Wellbore #1			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	HDGM	6/10/2019	6.95	60.02	47,924.70000000

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.0	0.0	0.0	177.53	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,625.0	3.25	114.00	3,624.8	-3.7	8.4	1.00	1.00	0.00	114.00	
9,787.1	3.25	114.00	9,777.0	-145.8	327.6	0.00	0.00	0.00	0.00	
10,672.4	89.85	179.94	10,336.0	-717.1	357.1	10.00	9.78	7.45	65.98	
10,730.4	89.85	181.10	10,336.2	-775.1	356.5	2.00	0.00	2.00	90.00	
12,014.9	89.85	179.94	10,339.6	-2,059.6	344.8	0.09	0.00	-0.09	-90.23	
18,102.5	89.85	179.94	10,356.0	-8,147.1	350.8	0.00	0.00	0.00	0.00	PBHL - Remuda Sc

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Remuda South 25 State 908H
Company:	XTO ENERGY, INC.	**TVD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Project:	Eddy County, NM	**MD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	**North Reference:**	Grid
Well:	Remuda South 25 State 908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler Anh.									
257.0	0.00	0.00	257.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
Base Rustler Anh.									
342.0	0.00	0.00	342.0	0.0	0.0	0.0	0.00	0.00	0.00
Salado Sh. Lm.									
361.0	0.00	0.00	361.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
Est. Top of Salt									
460.0	0.00	0.00	460.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Base Salt									
3,069.0	0.00	0.00	3,069.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 1°/100'									
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
Lamar Lm. (Del Mtn Grp.)									
3,317.0	0.17	114.00	3,317.0	0.0	0.0	0.0	1.00	1.00	0.00
Bell Canyon Ss.									
3,338.0	0.38	114.00	3,338.0	-0.1	0.1	0.1	1.00	1.00	0.00
3,400.0	1.00	114.00	3,400.0	-0.4	0.8	0.4	1.00	1.00	0.00
3,500.0	2.00	114.00	3,500.0	-1.4	3.2	1.6	1.00	1.00	0.00
3,600.0	3.00	114.00	3,599.9	-3.2	7.2	3.5	1.00	1.00	0.00
EOB @ 3.25° Inc. / 114.00° Azm									

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Remuda South 25 State 908H
Company:	XTO ENERGY, INC.	**TVD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Project:	Eddy County, NM	**MD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	**North Reference:**	Grid
Well:	Remuda South 25 State 908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,625.0	3.25	114.00	3,624.8	-3.7	8.4	4.1	1.00	1.00	0.00
3,700.0	3.25	114.00	3,699.7	-5.5	12.3	6.0	0.00	0.00	0.00
3,800.0	3.25	114.00	3,799.5	-7.8	17.5	8.5	0.00	0.00	0.00
3,900.0	3.25	114.00	3,899.4	-10.1	22.7	11.1	0.00	0.00	0.00
4,000.0	3.25	114.00	3,999.2	-12.4	27.8	13.6	0.00	0.00	0.00
4,100.0	3.25	114.00	4,099.1	-14.7	33.0	16.1	0.00	0.00	0.00
4,200.0	3.25	114.00	4,198.9	-17.0	38.2	18.6	0.00	0.00	0.00
Cherry Canyon Ss.									
4,202.1	3.25	114.00	4,201.0	-17.1	38.3	18.7	0.00	0.00	0.00
4,300.0	3.25	114.00	4,298.7	-19.3	43.4	21.2	0.00	0.00	0.00
4,400.0	3.25	114.00	4,398.6	-21.6	48.6	23.7	0.00	0.00	0.00
4,500.0	3.25	114.00	4,498.4	-23.9	53.7	26.2	0.00	0.00	0.00
4,600.0	3.25	114.00	4,598.3	-26.2	58.9	28.7	0.00	0.00	0.00
4,700.0	3.25	114.00	4,698.1	-28.5	64.1	31.3	0.00	0.00	0.00
4,800.0	3.25	114.00	4,797.9	-30.8	69.3	33.8	0.00	0.00	0.00
4,900.0	3.25	114.00	4,897.8	-33.1	74.5	36.3	0.00	0.00	0.00
5,000.0	3.25	114.00	4,997.6	-35.5	79.6	38.8	0.00	0.00	0.00
5,100.0	3.25	114.00	5,097.5	-37.8	84.8	41.4	0.00	0.00	0.00
5,200.0	3.25	114.00	5,197.3	-40.1	90.0	43.9	0.00	0.00	0.00
5,300.0	3.25	114.00	5,297.1	-42.4	95.2	46.4	0.00	0.00	0.00
5,400.0	3.25	114.00	5,397.0	-44.7	100.3	49.0	0.00	0.00	0.00
5,500.0	3.25	114.00	5,496.8	-47.0	105.5	51.5	0.00	0.00	0.00
5,600.0	3.25	114.00	5,596.6	-49.3	110.7	54.0	0.00	0.00	0.00
5,700.0	3.25	114.00	5,696.5	-51.6	115.9	56.5	0.00	0.00	0.00
5,800.0	3.25	114.00	5,796.3	-53.9	121.1	59.1	0.00	0.00	0.00
Brushy Canyon Ss.									
5,813.7	3.25	114.00	5,810.0	-54.2	121.8	59.4	0.00	0.00	0.00
5,900.0	3.25	114.00	5,896.2	-56.2	126.2	61.6	0.00	0.00	0.00
6,000.0	3.25	114.00	5,996.0	-58.5	131.4	64.1	0.00	0.00	0.00
6,100.0	3.25	114.00	6,095.8	-60.8	136.6	66.6	0.00	0.00	0.00
6,200.0	3.25	114.00	6,195.7	-63.1	141.8	69.2	0.00	0.00	0.00
6,300.0	3.25	114.00	6,295.5	-65.4	147.0	71.7	0.00	0.00	0.00
6,400.0	3.25	114.00	6,395.4	-67.7	152.1	74.2	0.00	0.00	0.00
6,500.0	3.25	114.00	6,495.2	-70.0	157.3	76.7	0.00	0.00	0.00
6,600.0	3.25	114.00	6,595.0	-72.3	162.5	79.3	0.00	0.00	0.00
6,700.0	3.25	114.00	6,694.9	-74.7	167.7	81.8	0.00	0.00	0.00
6,800.0	3.25	114.00	6,794.7	-77.0	172.9	84.3	0.00	0.00	0.00
Lower Brushy Canyon Ss.									
6,846.4	3.25	114.00	6,841.0	-78.0	175.3	85.5	0.00	0.00	0.00
6,900.0	3.25	114.00	6,894.6	-79.3	178.0	86.9	0.00	0.00	0.00
7,000.0	3.25	114.00	6,994.4	-81.6	183.2	89.4	0.00	0.00	0.00
7,100.0	3.25	114.00	7,094.2	-83.9	188.4	91.9	0.00	0.00	0.00
Bone Spring Lm.									
7,105.8	3.25	114.00	7,100.0	-84.0	188.7	92.1	0.00	0.00	0.00
7,200.0	3.25	114.00	7,194.1	-86.2	193.6	94.4	0.00	0.00	0.00
Avalon Ss.									
7,211.9	3.25	114.00	7,206.0	-86.5	194.2	94.7	0.00	0.00	0.00
Bone Spg. Upper Avalon Lm.									
7,279.1	3.25	114.00	7,273.0	-88.0	197.7	96.4	0.00	0.00	0.00
7,300.0	3.25	114.00	7,293.9	-88.5	198.8	97.0	0.00	0.00	0.00
Bone Spg. Avalon Sh.									
7,363.2	3.25	114.00	7,357.0	-89.9	202.0	98.6	0.00	0.00	0.00
7,400.0	3.25	114.00	7,393.8	-90.8	203.9	99.5	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Remuda South 25 State 908H
Company:	XTO ENERGY, INC.	**TVD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Project:	Eddy County, NM	**MD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	**North Reference:**	Grid
Well:	Remuda South 25 State 908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,500.0	3.25	114.00	7,493.6	-93.1	209.1	102.0	0.00	0.00	0.00
Bone Spg. Lower Avalon Lm									
7,574.5	3.25	114.00	7,568.0	-94.8	213.0	103.9	0.00	0.00	0.00
7,600.0	3.25	114.00	7,593.4	-95.4	214.3	104.5	0.00	0.00	0.00
7,700.0	3.25	114.00	7,693.3	-97.7	219.5	107.1	0.00	0.00	0.00
7,800.0	3.25	114.00	7,793.1	-100.0	224.6	109.6	0.00	0.00	0.00
7,900.0	3.25	114.00	7,893.0	-102.3	229.8	112.1	0.00	0.00	0.00
8,000.0	3.25	114.00	7,992.8	-104.6	235.0	114.6	0.00	0.00	0.00
8,100.0	3.25	114.00	8,092.6	-106.9	240.2	117.2	0.00	0.00	0.00
First Bone Spring Ss.									
8,123.4	3.25	114.00	8,116.0	-107.5	241.4	117.8	0.00	0.00	0.00
8,200.0	3.25	114.00	8,192.5	-109.2	245.4	119.7	0.00	0.00	0.00
8,300.0	3.25	114.00	8,292.3	-111.5	250.5	122.2	0.00	0.00	0.00
8,400.0	3.25	114.00	8,392.1	-113.9	255.7	124.8	0.00	0.00	0.00
Second Bone Spring Lm.									
8,448.9	3.25	114.00	8,441.0	-115.0	258.3	126.0	0.00	0.00	0.00
8,500.0	3.25	114.00	8,492.0	-116.2	260.9	127.3	0.00	0.00	0.00
8,600.0	3.25	114.00	8,591.8	-118.5	266.1	129.8	0.00	0.00	0.00
8,700.0	3.25	114.00	8,691.7	-120.8	271.3	132.3	0.00	0.00	0.00
8,800.0	3.25	114.00	8,791.5	-123.1	276.4	134.9	0.00	0.00	0.00
8,900.0	3.25	114.00	8,891.3	-125.4	281.6	137.4	0.00	0.00	0.00
Second Bone Spring Ss.									
8,959.8	3.25	114.00	8,951.0	-126.8	284.7	138.9	0.00	0.00	0.00
9,000.0	3.25	114.00	8,991.2	-127.7	286.8	139.9	0.00	0.00	0.00
9,100.0	3.25	114.00	9,091.0	-130.0	292.0	142.4	0.00	0.00	0.00
9,200.0	3.25	114.00	9,190.9	-132.3	297.2	145.0	0.00	0.00	0.00
Third Bone Spring Lm.									
9,268.3	3.25	114.00	9,259.0	-133.9	300.7	146.7	0.00	0.00	0.00
9,300.0	3.25	114.00	9,290.7	-134.6	302.3	147.5	0.00	0.00	0.00
9,400.0	3.25	114.00	9,390.5	-136.9	307.5	150.0	0.00	0.00	0.00
9,500.0	3.25	114.00	9,490.4	-139.2	312.7	152.5	0.00	0.00	0.00
9,600.0	3.25	114.00	9,590.2	-141.5	317.9	155.1	0.00	0.00	0.00
9,700.0	3.25	114.00	9,690.1	-143.8	323.1	157.6	0.00	0.00	0.00
Build 10°/100'									
9,787.1	3.25	114.00	9,777.0	-145.8	327.6	159.8	0.00	0.00	0.00
9,800.0	3.95	131.33	9,789.9	-146.3	328.2	160.3	10.00	5.46	134.52
9,850.0	8.17	158.77	9,839.6	-150.7	330.8	164.8	10.00	8.43	54.88
9,900.0	12.95	166.92	9,888.7	-159.5	333.4	173.7	10.00	9.57	16.30
9,950.0	17.85	170.68	9,936.9	-172.5	335.9	186.8	10.00	9.80	7.53
10,000.0	22.80	172.86	9,983.8	-189.7	338.3	204.1	10.00	9.89	4.36
10,050.0	27.76	174.29	10,029.0	-210.9	340.7	225.4	10.00	9.93	2.87
Third Bone Spring Ss.									
10,063.6	29.11	174.61	10,041.0	-217.4	341.3	231.9	10.00	9.94	2.28
10,100.0	32.73	175.32	10,072.2	-236.0	343.0	250.5	10.00	9.95	1.97
10,150.0	37.71	176.10	10,113.0	-264.8	345.1	279.4	10.00	9.96	1.56
10,200.0	42.70	176.73	10,151.2	-297.0	347.1	311.6	10.00	9.97	1.25
10,250.0	47.68	177.24	10,186.4	-332.4	349.0	347.1	10.00	9.97	1.03
10,300.0	52.67	177.68	10,218.4	-370.7	350.7	385.5	10.00	9.98	0.88
10,350.0	57.66	178.07	10,247.0	-411.7	352.2	426.5	10.00	9.98	0.77
10,400.0	62.65	178.41	10,271.9	-455.1	353.5	469.8	10.00	9.98	0.69
10,450.0	67.64	178.73	10,292.9	-500.4	354.6	515.2	10.00	9.98	0.63
10,500.0	72.64	179.02	10,309.9	-547.4	355.6	562.2	10.00	9.98	0.59
10,550.0	77.63	179.30	10,322.7	-595.7	356.3	610.5	10.00	9.99	0.55

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Remuda South 25 State 908H
Company:	XTO ENERGY, INC.	**TVD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Project:	Eddy County, NM	**MD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	**North Reference:**	Grid
Well:	Remuda South 25 State 908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,600.0	82.62	179.56	10,331.3	-644.9	356.8	659.7	10.00	9.99	0.53
10,650.0	87.62	179.82	10,335.5	-694.7	357.0	709.5	10.00	9.99	0.52
EOB @ 89.85° Inc. / 179.94° Azm / Turn 2°/100'									
10,672.4	89.85	179.94	10,336.0	-717.1	357.1	731.8	10.00	9.99	0.52
10,700.0	89.85	180.49	10,336.1	-744.7	357.0	759.4	2.00	0.00	2.00
EOT @ 89.85° Inc. / 181.10° Azm / Turn .09°/100'									
10,730.4	89.85	181.10	10,336.2	-775.1	356.5	789.7	2.00	0.00	2.00
10,800.0	89.85	181.04	10,336.3	-844.7	355.2	859.2	0.09	0.00	-0.09
10,900.0	89.85	180.95	10,336.6	-944.7	353.5	959.0	0.09	0.00	-0.09
11,000.0	89.85	180.86	10,336.9	-1,044.7	351.9	1,058.9	0.09	0.00	-0.09
11,100.0	89.85	180.77	10,337.1	-1,144.7	350.5	1,158.7	0.09	0.00	-0.09
11,200.0	89.85	180.68	10,337.4	-1,244.7	349.3	1,258.5	0.09	0.00	-0.09
11,300.0	89.85	180.59	10,337.7	-1,344.7	348.2	1,358.4	0.09	0.00	-0.09
11,400.0	89.85	180.50	10,337.9	-1,444.7	347.2	1,458.3	0.09	0.00	-0.09
11,500.0	89.85	180.41	10,338.2	-1,544.7	346.4	1,558.1	0.09	0.00	-0.09
11,600.0	89.85	180.32	10,338.5	-1,644.7	345.8	1,658.0	0.09	0.00	-0.09
11,700.0	89.85	180.23	10,338.7	-1,744.7	345.3	1,757.9	0.09	0.00	-0.09
11,800.0	89.85	180.14	10,339.0	-1,844.7	345.0	1,857.8	0.09	0.00	-0.09
11,900.0	89.85	180.05	10,339.3	-1,944.7	344.8	1,957.7	0.09	0.00	-0.09
12,000.0	89.85	179.96	10,339.5	-2,044.7	344.8	2,057.6	0.09	0.00	-0.09
EOT @ 89.85° Inc. / 179.94° Azm									
12,014.9	89.85	179.94	10,339.6	-2,059.6	344.8	2,072.5	0.09	0.00	-0.09
12,100.0	89.85	179.94	10,339.8	-2,144.7	344.9	2,157.5	0.00	0.00	0.00
12,200.0	89.85	179.94	10,340.1	-2,244.7	345.0	2,257.4	0.00	0.00	0.00
12,300.0	89.85	179.94	10,340.3	-2,344.7	345.1	2,357.3	0.00	0.00	0.00
12,400.0	89.85	179.94	10,340.6	-2,444.7	345.2	2,457.2	0.00	0.00	0.00
12,500.0	89.85	179.94	10,340.9	-2,544.7	345.3	2,557.2	0.00	0.00	0.00
12,600.0	89.85	179.94	10,341.1	-2,644.7	345.4	2,657.1	0.00	0.00	0.00
12,700.0	89.85	179.94	10,341.4	-2,744.7	345.5	2,757.0	0.00	0.00	0.00
12,800.0	89.85	179.94	10,341.7	-2,844.7	345.6	2,856.9	0.00	0.00	0.00
12,900.0	89.85	179.94	10,342.0	-2,944.7	345.7	2,956.8	0.00	0.00	0.00
13,000.0	89.85	179.94	10,342.2	-3,044.7	345.8	3,056.7	0.00	0.00	0.00
13,100.0	89.85	179.94	10,342.5	-3,144.7	345.9	3,156.6	0.00	0.00	0.00
13,200.0	89.85	179.94	10,342.8	-3,244.7	346.0	3,256.5	0.00	0.00	0.00
13,300.0	89.85	179.94	10,343.0	-3,344.7	346.1	3,356.4	0.00	0.00	0.00
13,400.0	89.85	179.94	10,343.3	-3,444.6	346.2	3,456.4	0.00	0.00	0.00
13,500.0	89.85	179.94	10,343.6	-3,544.6	346.3	3,556.3	0.00	0.00	0.00
13,600.0	89.85	179.94	10,343.8	-3,644.6	346.4	3,656.2	0.00	0.00	0.00
13,700.0	89.85	179.94	10,344.1	-3,744.6	346.5	3,756.1	0.00	0.00	0.00
13,800.0	89.85	179.94	10,344.4	-3,844.6	346.6	3,856.0	0.00	0.00	0.00
13,900.0	89.85	179.94	10,344.7	-3,944.6	346.7	3,955.9	0.00	0.00	0.00
14,000.0	89.85	179.94	10,344.9	-4,044.6	346.8	4,055.8	0.00	0.00	0.00
14,100.0	89.85	179.94	10,345.2	-4,144.6	346.9	4,155.7	0.00	0.00	0.00
14,200.0	89.85	179.94	10,345.5	-4,244.6	347.0	4,255.6	0.00	0.00	0.00
14,300.0	89.85	179.94	10,345.7	-4,344.6	347.1	4,355.6	0.00	0.00	0.00
14,400.0	89.85	179.94	10,346.0	-4,444.6	347.2	4,455.5	0.00	0.00	0.00
14,500.0	89.85	179.94	10,346.3	-4,544.6	347.3	4,555.4	0.00	0.00	0.00
14,600.0	89.85	179.94	10,346.5	-4,644.6	347.4	4,655.3	0.00	0.00	0.00
14,700.0	89.85	179.94	10,346.8	-4,744.6	347.5	4,755.2	0.00	0.00	0.00
14,800.0	89.85	179.94	10,347.1	-4,844.6	347.6	4,855.1	0.00	0.00	0.00
14,900.0	89.85	179.94	10,347.4	-4,944.6	347.7	4,955.0	0.00	0.00	0.00
15,000.0	89.85	179.94	10,347.6	-5,044.6	347.8	5,054.9	0.00	0.00	0.00
15,100.0	89.85	179.94	10,347.9	-5,144.6	347.9	5,154.8	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Remuda South 25 State 908H
Company:	XTO ENERGY, INC.	**TVD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Project:	Eddy County, NM	**MD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	**North Reference:**	Grid
Well:	Remuda South 25 State 908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,200.0	89.85	179.94	10,348.2	-5,244.6	348.0	5,254.8	0.00	0.00	0.00
15,300.0	89.85	179.94	10,348.4	-5,344.6	348.1	5,354.7	0.00	0.00	0.00
15,400.0	89.85	179.94	10,348.7	-5,444.6	348.2	5,454.6	0.00	0.00	0.00
15,500.0	89.85	179.94	10,349.0	-5,544.6	348.3	5,554.5	0.00	0.00	0.00
15,600.0	89.85	179.94	10,349.2	-5,644.6	348.4	5,654.4	0.00	0.00	0.00
15,700.0	89.85	179.94	10,349.5	-5,744.6	348.4	5,754.3	0.00	0.00	0.00
15,800.0	89.85	179.94	10,349.8	-5,844.6	348.5	5,854.2	0.00	0.00	0.00
15,900.0	89.85	179.94	10,350.1	-5,944.6	348.6	5,954.1	0.00	0.00	0.00
16,000.0	89.85	179.94	10,350.3	-6,044.6	348.7	6,054.0	0.00	0.00	0.00
16,100.0	89.85	179.94	10,350.6	-6,144.6	348.8	6,154.0	0.00	0.00	0.00
16,200.0	89.85	179.94	10,350.9	-6,244.6	348.9	6,253.9	0.00	0.00	0.00
16,300.0	89.85	179.94	10,351.1	-6,344.6	349.0	6,353.8	0.00	0.00	0.00
16,400.0	89.85	179.94	10,351.4	-6,444.6	349.1	6,453.7	0.00	0.00	0.00
16,500.0	89.85	179.94	10,351.7	-6,544.6	349.2	6,553.6	0.00	0.00	0.00
16,600.0	89.85	179.94	10,351.9	-6,644.6	349.3	6,653.5	0.00	0.00	0.00
16,700.0	89.85	179.94	10,352.2	-6,744.6	349.4	6,753.4	0.00	0.00	0.00
16,800.0	89.85	179.94	10,352.5	-6,844.6	349.5	6,853.3	0.00	0.00	0.00
16,900.0	89.85	179.94	10,352.8	-6,944.6	349.6	6,953.2	0.00	0.00	0.00
17,000.0	89.85	179.94	10,353.0	-7,044.6	349.7	7,053.2	0.00	0.00	0.00
17,100.0	89.85	179.94	10,353.3	-7,144.6	349.8	7,153.1	0.00	0.00	0.00
17,200.0	89.85	179.94	10,353.6	-7,244.6	349.9	7,253.0	0.00	0.00	0.00
17,300.0	89.85	179.94	10,353.8	-7,344.6	350.0	7,352.9	0.00	0.00	0.00
17,400.0	89.85	179.94	10,354.1	-7,444.6	350.1	7,452.8	0.00	0.00	0.00
17,500.0	89.85	179.94	10,354.4	-7,544.6	350.2	7,552.7	0.00	0.00	0.00
17,600.0	89.85	179.94	10,354.6	-7,644.6	350.3	7,652.6	0.00	0.00	0.00
17,700.0	89.85	179.94	10,354.9	-7,744.6	350.4	7,752.5	0.00	0.00	0.00
17,800.0	89.85	179.94	10,355.2	-7,844.6	350.5	7,852.4	0.00	0.00	0.00
17,900.0	89.85	179.94	10,355.5	-7,944.6	350.6	7,952.4	0.00	0.00	0.00
18,000.0	89.85	179.94	10,355.7	-8,044.6	350.7	8,052.3	0.00	0.00	0.00
TD @ 18102.5' MD / 10356.0' TVD									
18,102.5	89.85	179.94	10,356.0	-8,147.1	350.8	8,154.6	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP - Remuda South - plan misses target center by 39.4usft at 10666.1usft MD (10335.9 TVD, -710.8 N, 357.1 E) - Point	0.00	0.00	10,336.0	-710.9	317.7	463,929.20	624,607.70	32° 16' 29.333 N	103° 55' 48.578 W
PBHL - Remuda Sout - plan hits target center - Point	0.00	0.01	10,356.0	-8,147.1	350.8	456,493.00	624,640.80	32° 15' 15.742 N	103° 55' 48.517 W
LTP - Remuda South - plan misses target center by 0.6usft at 17972.5usft MD (10355.6 TVD, -8017.1 N, 350.7 E) - Point	0.00	0.00	10,356.0	-8,017.1	350.2	456,623.00	624,640.20	32° 15' 17.029 N	103° 55' 48.519 W

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well Remuda South 25 State 908H
Company:	XTO ENERGY, INC.	**TVD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Project:	Eddy County, NM	**MD Reference:**	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	**North Reference:**	Grid
Well:	Remuda South 25 State 908H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
257.0	257.0	Rustler Anh.			
342.0	342.0	Base Rustler Anh.			
361.0	361.0	Salado Sh. Lm.			
460.0	460.0	Est. Top of Salt			
3,069.0	3,069.0	Base Salt			
3,317.0	3,317.0	Lamar Lm. (Del Mtn Grp.)			
3,338.0	3,338.0	Bell Canyon Ss.			
4,202.1	4,201.0	Cherry Canyon Ss.			
5,813.7	5,810.0	Brushy Canyon Ss.			
6,846.4	6,841.0	Lower Brushy Canyon Ss.			
7,105.8	7,100.0	Bone Spring Lm.			
7,211.9	7,206.0	Avalon Ss.			
7,279.1	7,273.0	Bone Spg. Upper Avalon Lm.			
7,363.2	7,357.0	Bone Spg. Avalon Sh.			
7,574.5	7,568.0	Bone Spg. Lower Avalon Lm			
8,123.4	8,116.0	First Bone Spring Ss.			
8,448.9	8,441.0	Second Bone Spring Lm.			
8,959.8	8,951.0	Second Bone Spring Ss.			
9,268.3	9,259.0	Third Bone Spring Lm.			
10,063.6	10,041.0	Third Bone Spring Ss.			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
3,300.0	3,300.0	0.0	0.0	Build 1°/100'
3,625.0	3,624.8	-3.7	8.4	EOB @ 3.25° Inc. / 114.00° Azm
9,787.1	9,777.0	-145.8	327.6	Build 10°/100'
10,672.4	10,336.0	-717.1	357.1	EOB @ 89.85° Inc. / 179.94° Azm / Turn 2°/100'
10,730.4	10,336.2	-775.1	356.5	EOT @ 89.85° Inc. / 181.10° Azm / Turn .09°/100'
12,014.9	10,339.6	-2,059.6	344.8	EOT @ 89.85° Inc. / 179.94° Azm
18,102.5	10,356.0	-8,147.1	350.8	TD @ 18102.5' MD / 10356.0' TVD