



XTO ENERGY, INC.

Field: Lea County, NM
Site: Perla Negra Fed Com 7H
Well: 7H
Wellbore: Lateral
Plan: Plan #1
Rig: Noram 25

WELL DETAILS: 7H

Ground Level: 3787.00

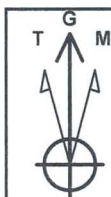
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	597162.60	753030.70	32° 38' 20.44 N	103° 30' 40.87 W

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP Perla Negra Fed Com 7H	0.00	500.10	11.90	597662.70	753042.60	32° 38' 25.39 N	103° 30' 40.68 W
LTP Perla Negra Fed Com 7H	0.00	4756.30	113.30	601918.90	753144.00	32° 39' 7.49 N	103° 30' 39.11 W
SHL Perla Negra Fed Com 7H	0.00	0.00	0.00	597162.60	753030.70	32° 38' 20.44 N	103° 30' 40.87 W
PBHL Perla Negra Fed Com 7H	10394.00	4886.30	116.40	602048.90	753147.10	32° 39' 8.78 N	103° 30' 39.06 W
LP Perla Negra Fed Com 7H	10451.89	580.49	13.83	597743.09	753044.53	32° 38' 26.18 N	103° 30' 40.65 W

SECTION DETAILS

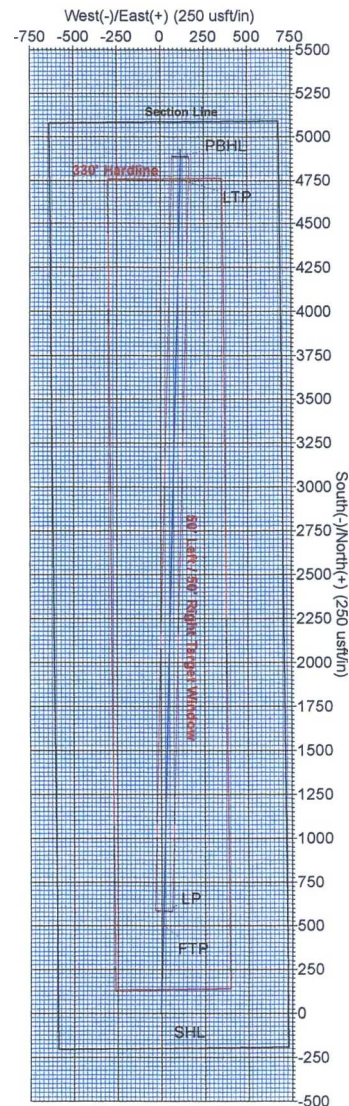
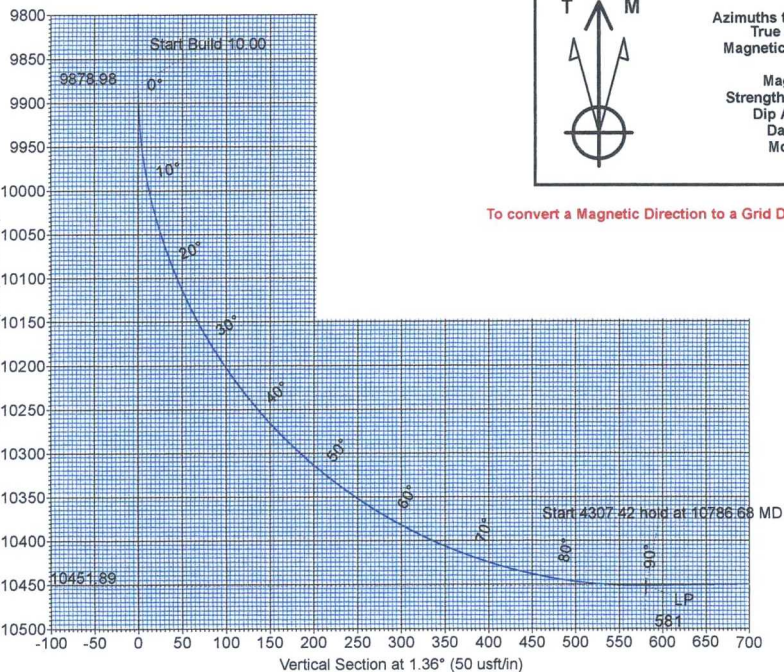
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9878.98	0.00	0.00	9878.98	0.00	0.00	0.00	0.00	0.00	
10786.68	90.77	1.36	10451.89	580.49	13.83	10.00	1.36	580.66	
15094.10	90.77	1.36	10394.00	4886.30	116.40	0.00	0.00	4887.69	PBHL Perla Negra Fed Com 7H



Azimuths to Grid North
True North: -0.44°
Magnetic North: 6.39°

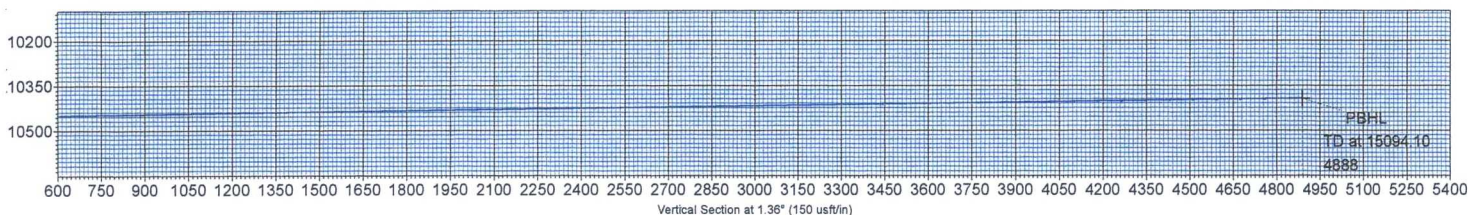
Magnetic Field
Strength: 48431.2snT
Dip Angle: 60.70°
Date: 12/8/2015
Model: HDGM

To convert a Magnetic Direction to a Grid Direction, Add 6.39°



Section Distances

Section 24, TSP 19-S
LP
1188' FSL, 450' FWL
Section 24, TSP 19-S
PBHL
200' FNL, 449' FWL



ARCHER DIRECTIONAL DRILLING SERVICES
12101 Cutten Rd. Houston, TX 77066
Phone: 281-301-2600 Fax: 281-301-2795

Design: Plan #1
Created By: Keith Noack
Date: 12:14, December 08 2015

HOBBS OCD
MAY 16 2017
RECEIVED

XTO ENERGY, INC.

**Lea County, NM
Perla Negra Fed Com 7H
7H**

Lateral

Plan: Plan #1

Standard Planning Report

08 December, 2015

Archer Planning Report

Database:	EDM R5000.1 MULTI	Local Co-ordinate Reference:	Well 7H
Company:	XTO ENERGY, INC.	TVD Reference:	3787' GL + 25' RKB @ 3812.00usft (Noram 25)
Project:	Lea County, NM	MD Reference:	3787' GL + 25' RKB @ 3812.00usft (Noram 25)
Site:	Perla Negra Fed Com 7H	North Reference:	Grid
Well:	7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #1		

Project	Lea 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	Perla Negra Fed Com 7H		
Site Position:		Northing:	597,162.60 usft
From:	Map	Easting:	753,030.70 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32° 38' 20.44 N
		Longitude:	103° 30' 40.87 W
		Grid Convergence:	0.44 °

Well	7H		
Well Position	+N/-S	0.00 usft	Northing: 597,162.60 usft
	+E/-W	0.00 usft	Easting: 753,030.70 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 38' 20.44 N
		Longitude:	103° 30' 40.87 W
		Ground Level:	3,787.00 usft

Wellbore	Lateral		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/8/2015	6.83	60.70	48,431

Design	Plan #1		
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Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	1.36

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,878.98	0.00	0.00	9,878.98	0.00	0.00	0.00	0.00	0.00	0.00	
10,786.68	90.77	1.36	10,451.89	580.49	13.83	10.00	10.00	0.00	1.36	
15,094.10	90.77	1.36	10,394.00	4,886.30	116.40	0.00	0.00	0.00	0.00	PBHL Perla Negra I

Archer

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Project:	Lea County, NM	MD Reference:	3787' GL + 25' RKB @ 3812.00usft (Noram 25)
Site:	Perla Negra Fed Com 7H	North Reference:	Grid
Well:	7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00

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Wellbore:	Lateral		
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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)
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00
9,878.98	0.00	0.00	9,878.98	0.00	0.00	0.00	0.00	0.00	0.00
9,900.00	2.10	1.36	9,900.00	0.39	0.01	0.39	10.00	10.00	0.00
9,950.00	7.10	1.36	9,949.82	4.39	0.10	4.40	10.00	10.00	0.00
10,000.00	12.10	1.36	9,999.10	12.73	0.30	12.73	10.00	10.00	0.00
10,050.00	17.10	1.36	10,047.47	25.33	0.60	25.33	10.00	10.00	0.00

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Wellbore:	Lateral		
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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)
10,100.00	22.10	1.36	10,094.56	42.09	1.00	42.10	10.00	10.00	0.00
10,150.00	27.10	1.36	10,140.01	62.89	1.50	62.91	10.00	10.00	0.00
10,200.00	32.10	1.36	10,183.47	87.58	2.09	87.60	10.00	10.00	0.00
10,250.00	37.10	1.36	10,224.61	115.96	2.76	115.99	10.00	10.00	0.00
10,300.00	42.10	1.36	10,263.12	147.81	3.52	147.85	10.00	10.00	0.00
10,350.00	47.10	1.36	10,298.71	182.90	4.36	182.95	10.00	10.00	0.00
10,400.00	52.10	1.36	10,331.10	220.95	5.26	221.01	10.00	10.00	0.00
10,450.00	57.10	1.36	10,360.06	261.68	6.23	261.76	10.00	10.00	0.00
10,500.00	62.10	1.36	10,385.35	304.79	7.26	304.87	10.00	10.00	0.00
10,550.00	67.10	1.36	10,406.79	349.93	8.34	350.02	10.00	10.00	0.00
10,600.00	72.10	1.36	10,424.21	396.76	9.45	396.87	10.00	10.00	0.00
10,650.00	77.10	1.36	10,437.48	444.94	10.60	445.06	10.00	10.00	0.00
10,700.00	82.10	1.36	10,446.50	494.09	11.77	494.23	10.00	10.00	0.00
10,750.00	87.10	1.36	10,451.21	543.84	12.96	543.99	10.00	10.00	0.00
10,786.68	90.77	1.36	10,451.89	580.49	13.83	580.66	10.00	10.00	0.00
10,800.00	90.77	1.36	10,451.71	593.81	14.15	593.98	0.00	0.00	0.00
10,900.00	90.77	1.36	10,450.36	693.77	16.53	693.97	0.00	0.00	0.00
11,000.00	90.77	1.36	10,449.02	793.73	18.91	793.96	0.00	0.00	0.00
11,100.00	90.77	1.36	10,447.68	893.70	21.29	893.95	0.00	0.00	0.00
11,200.00	90.77	1.36	10,446.33	993.66	23.67	993.94	0.00	0.00	0.00
11,300.00	90.77	1.36	10,444.99	1,093.62	26.05	1,093.93	0.00	0.00	0.00
11,400.00	90.77	1.36	10,443.64	1,193.58	28.43	1,193.92	0.00	0.00	0.00
11,500.00	90.77	1.36	10,442.30	1,293.55	30.81	1,293.91	0.00	0.00	0.00
11,600.00	90.77	1.36	10,440.96	1,393.51	33.20	1,393.90	0.00	0.00	0.00
11,700.00	90.77	1.36	10,439.61	1,493.47	35.58	1,493.90	0.00	0.00	0.00
11,800.00	90.77	1.36	10,438.27	1,593.43	37.96	1,593.89	0.00	0.00	0.00
11,900.00	90.77	1.36	10,436.92	1,693.40	40.34	1,693.88	0.00	0.00	0.00
12,000.00	90.77	1.36	10,435.58	1,793.36	42.72	1,793.87	0.00	0.00	0.00
12,100.00	90.77	1.36	10,434.24	1,893.32	45.10	1,893.86	0.00	0.00	0.00
12,200.00	90.77	1.36	10,432.89	1,993.28	47.48	1,993.85	0.00	0.00	0.00
12,300.00	90.77	1.36	10,431.55	2,093.25	49.86	2,093.84	0.00	0.00	0.00
12,400.00	90.77	1.36	10,430.21	2,193.21	52.25	2,193.83	0.00	0.00	0.00
12,500.00	90.77	1.36	10,428.86	2,293.17	54.63	2,293.82	0.00	0.00	0.00
12,600.00	90.77	1.36	10,427.52	2,393.14	57.01	2,393.81	0.00	0.00	0.00
12,700.00	90.77	1.36	10,426.17	2,493.10	59.39	2,493.81	0.00	0.00	0.00
12,800.00	90.77	1.36	10,424.83	2,593.06	61.77	2,593.80	0.00	0.00	0.00
12,900.00	90.77	1.36	10,423.49	2,693.02	64.15	2,693.79	0.00	0.00	0.00
13,000.00	90.77	1.36	10,422.14	2,792.99	66.53	2,793.78	0.00	0.00	0.00
13,100.00	90.77	1.36	10,420.80	2,892.95	68.91	2,893.77	0.00	0.00	0.00
13,200.00	90.77	1.36	10,419.45	2,992.91	71.30	2,993.76	0.00	0.00	0.00
13,300.00	90.77	1.36	10,418.11	3,092.87	73.68	3,093.75	0.00	0.00	0.00
13,400.00	90.77	1.36	10,416.77	3,192.84	76.06	3,193.74	0.00	0.00	0.00
13,500.00	90.77	1.36	10,415.42	3,292.80	78.44	3,293.73	0.00	0.00	0.00
13,600.00	90.77	1.36	10,414.08	3,392.76	80.82	3,393.72	0.00	0.00	0.00
13,700.00	90.77	1.36	10,412.73	3,492.72	83.20	3,493.71	0.00	0.00	0.00
13,800.00	90.77	1.36	10,411.39	3,592.69	85.58	3,593.71	0.00	0.00	0.00
13,900.00	90.77	1.36	10,410.05	3,692.65	87.97	3,693.70	0.00	0.00	0.00
14,000.00	90.77	1.36	10,408.70	3,792.61	90.35	3,793.69	0.00	0.00	0.00
14,100.00	90.77	1.36	10,407.36	3,892.57	92.73	3,893.68	0.00	0.00	0.00
14,200.00	90.77	1.36	10,406.02	3,992.54	95.11	3,993.67	0.00	0.00	0.00
14,300.00	90.77	1.36	10,404.67	4,092.50	97.49	4,093.66	0.00	0.00	0.00
14,400.00	90.77	1.36	10,403.33	4,192.46	99.87	4,193.65	0.00	0.00	0.00

Archer

Planning Report

Database:	EDM R5000.1 MULTI	Local Co-ordinate Reference:	Well 7H
Company:	XTO ENERGY, INC.	TVD Reference:	3787' GL + 25' RKB @ 3812.00usft (Noram 25)
Project:	Lea County, NM	MD Reference:	3787' GL + 25' RKB @ 3812.00usft (Noram 25)
Site:	Perla Negra Fed Com 7H	North Reference:	Grid
Well:	7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Plan #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)
14,500.00	90.77	1.36	10,401.98	4,292.42	102.25	4,293.64	0.00	0.00	0.00
14,600.00	90.77	1.36	10,400.64	4,392.39	104.63	4,393.63	0.00	0.00	0.00
14,700.00	90.77	1.36	10,399.30	4,492.35	107.02	4,493.62	0.00	0.00	0.00
14,800.00	90.77	1.36	10,397.95	4,592.31	109.40	4,593.62	0.00	0.00	0.00
14,900.00	90.77	1.36	10,396.61	4,692.28	111.78	4,693.61	0.00	0.00	0.00
15,000.00	90.77	1.36	10,395.26	4,792.24	114.16	4,793.60	0.00	0.00	0.00
15,094.10	90.77	1.36	10,394.00	4,886.30	116.40	4,887.69	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
SHL Perla Negra Fed	0.00	0.00	0.00	0.00	0.00	597,162.60	753,030.70	32° 38' 20.44 N	103° 30' 40.87 W
- plan hits target center									
- Point									
FTP Perla Negra Fed	0.00	0.00	0.00	500.10	11.90	597,662.70	753,042.60	32° 38' 25.39 N	103° 30' 40.68 W
- plan misses target center by 500.24usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
LTP Perla Negra Fed	0.00	0.00	0.00	4,756.30	113.30	601,918.90	753,144.00	32° 39' 7.49 N	103° 30' 39.11 W
- plan misses target center by 4757.65usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
PBHL Perla Negra Fe	-0.77	1.36	10,394.00	4,886.30	116.40	602,048.90	753,147.10	32° 39' 8.78 N	103° 30' 39.06 W
- plan hits target center									
- Rectangle (sides W100.00 H4,307.03 D0.00)									
LP Perla Negra Fed C	0.00	0.00	10,451.89	580.49	13.83	597,743.10	753,044.53	32° 38' 26.18 N	103° 30' 40.65 W
- plan hits target center									
- Point									