



XTO ENERGY, INC.

Eddy County, NM

Sec 10, T25S, R29E

Corral Canyon 3-34 Fed #907H

Wellbore #1

Plan: Design #2

QES Well Planning Report

03 June, 2019





Well Planning Report



Database: EDM 5000.1 Single User Db
Company: XTO ENERGY, INC.
Project: Eddy County, NM
Site: Sec 10, T25S, R29E
Well: Corral Canyon 3-34 Fed #907H
Wellbore: Wellbore #1
Design: Design #2

Local Co-ordinate Reference: Well Corral Canyon 3-34 Fed #907H
TVD Reference: KB=16.5' @ 3050.5usft (Trinidad #445)
MD Reference: KB=16.5' @ 3050.5usft (Trinidad #445)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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 10, T25S, R29E
Site Position: Northing: 418,642.60 usft Latitude: 32° 9' 1.624 N
From: Map Easting: 611,643.50 usft Longitude: 103° 58' 21.351 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16" Grid Convergence: 0.19°

Well: Corral Canyon 3-34 Fed #907H
Well Position: +N-S 326.2 usft Northing: 418,968.80 usft Latitude: 32° 9' 4.787 N
+E-W 1,946.0 usft Easting: 613,589.50 usft Longitude: 103° 57' 58.703 W
Position Uncertainty: 0.0 usft Wellhead Elevation: Ground Level: 3,034.0 usft

Wellbore: Wellbore #1
Magnetics: Model Name Sample Date Declination Dip Angle Field Strength
(°) (°) (nT)
HDGM 5/31/2019 6.88 59.85 47,880.30000000

Design: Design #2
Audit Notes:
Version: Phase: PLAN Tie On Depth: 0.0
Vertical Section: Depth From (TVD) +N-S +E-W Direction
(usft) (usft) (usft) (°)
0.0 0.0 0.0 358.32

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	
9,462.5	0.00	0.00	9,462.5	0.0	0.0	0.00	0.00	0.00	0.00	
9,912.5	45.00	334.95	9,867.6	152.0	-71.1	10.00	10.00	0.00	334.95	
10,415.6	90.20	359.91	10,057.0	593.5	-152.0	10.00	8.98	4.96	33.26	CC 3-34 #907H - PBF
15,257.1	90.20	359.91	10,040.1	5,434.9	-159.5	0.00	0.00	0.00	0.00	CC 3-34 #907H - PBF



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Well: Corral Canyon 3-34 Fed #907H
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Design: Design #2

Local Co-ordinate Reference
TVD Reference
MD Reference
North Reference
Survey Calculation Method

Well Corral Canyon 3-34 Fed #907H
KB=16.5' @ 3050.5usft (Trinidad #445)
KB=16.5' @ 3050.5usft (Trinidad #445)
Grid
Minimum Curvature

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
300.0	0.00	0.00	300.0	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
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler									
555.5	0.00	0.00	555.5	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
Salado (Top Salt)									
812.5	0.00	0.00	812.5	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
Base Salt									
2,946.5	0.00	0.00	2,946.5	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
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
Delaware (Bell Canyon)									
3,140.5	0.00	0.00	3,140.5	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
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Cherry Canyon									
4,043.5	0.00	0.00	4,043.5	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00



Well Planning Report



Database	EDM 5000.1 Single User Db	Local Co-ordinate Reference	Well Corral Canyon 3-34 Fed #907H
Company	XTO ENERGY, INC.	TVD Reference	KB=16.5' @ 3050.5usft (Trinidad #445)
Project	Eddy County, NM	MD Reference	KB=16.5' @ 3050.5usft (Trinidad #445)
Site	Sec 10, T25S, R29E	North Reference	Grid
Well	Corral Canyon 3-34 Fed #907H	Survey Calculation Method	Minimum Curvature
Wellbore	Wellbore #1		
Design	Design #2		

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)	
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
Brushy Canyon										
5,614.5	0.00	0.00	5,614.5	0.0	0.0	0.0	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
Bone Spring Lm										
6,873.5	0.00	0.00	6,873.5	0.0	0.0	0.0	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
Avalon Sh										
7,067.5	0.00	0.00	7,067.5	0.0	0.0	0.0	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
Avalon Lm										
7,394.5	0.00	0.00	7,394.5	0.0	0.0	0.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
1st Bone Spring Lm										
7,780.5	0.00	0.00	7,780.5	0.0	0.0	0.0	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
1st Bone Spring Ss										
7,813.5	0.00	0.00	7,813.5	0.0	0.0	0.0	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
2nd Bone Spring Lm										
8,199.5	0.00	0.00	8,199.5	0.0	0.0	0.0	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00	

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Project	Eddy County, NM	MD Reference	KB=16.5' @ 3050.5usft (Trinidad #445)
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Wellbore	Wellbore #1		
Design	Design #2		

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)	
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
2nd Bone Spring Ss										
8,675.5	0.00	0.00	8,675.5	0.0	0.0	0.0	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
3rd Bone Spring Lm										
8,904.5	0.00	0.00	8,904.5	0.0	0.0	0.0	0.00	0.00	0.00	
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
Build 10°/100'										
9,462.5	0.00	0.00	9,462.5	0.0	0.0	0.0	0.00	0.00	0.00	
9,500.0	3.75	334.95	9,500.0	1.1	-0.5	1.1	10.00	10.00	0.00	
9,550.0	8.75	334.95	9,549.7	6.0	-2.8	6.1	10.00	10.00	0.00	
9,600.0	13.75	334.95	9,598.7	14.9	-7.0	15.1	10.00	10.00	0.00	
9,650.0	18.75	334.95	9,646.7	27.5	-12.9	27.9	10.00	10.00	0.00	
9,700.0	23.75	334.95	9,693.3	44.0	-20.5	44.5	10.00	10.00	0.00	
3rd Bone Spring Ss										
9,738.0	27.55	334.95	9,727.5	58.9	-27.5	59.6	10.00	10.00	0.00	
9,750.0	28.75	334.95	9,738.1	64.0	-29.9	64.8	10.00	10.00	0.00	
9,800.0	33.75	334.95	9,780.8	87.5	-40.9	88.6	10.00	10.00	0.00	
9,850.0	38.75	334.95	9,821.1	114.3	-53.4	115.8	10.00	10.00	0.00	
9,900.0	43.75	334.95	9,858.7	144.1	-67.4	146.0	10.00	10.00	0.00	
EOB @ 45.00° Inc / 334.95° Azm - Build 10°/100'										
9,912.5	45.00	334.95	9,867.6	152.0	-71.1	154.0	10.00	10.00	0.00	
9,950.0	48.17	337.71	9,893.4	177.0	-82.0	179.3	10.00	8.45	7.36	
10,000.0	52.49	340.99	9,925.3	213.0	-95.5	215.7	10.00	8.64	6.56	
10,050.0	56.89	343.90	9,954.2	251.9	-107.8	254.9	10.00	8.80	5.83	
10,100.0	61.35	346.54	9,979.9	293.4	-118.7	296.7	10.00	8.92	5.27	
10,150.0	65.85	348.96	10,002.1	337.1	-128.2	340.7	10.00	9.01	4.84	
10,200.0	70.40	351.21	10,020.7	382.8	-136.2	386.6	10.00	9.08	4.51	
10,250.0	74.96	353.34	10,035.6	430.1	-142.6	434.1	10.00	9.14	4.26	
10,300.0	79.55	355.38	10,046.7	478.6	-147.3	482.7	10.00	9.18	4.08	
10,350.0	84.15	357.36	10,053.7	528.0	-150.5	532.2	10.00	9.20	3.96	
10,400.0	88.76	359.31	10,056.8	577.9	-151.9	582.1	10.00	9.21	3.89	
EOC @ 90.20° Inc / 359.91° Azm / 10057.0' TVD										
10,415.6	90.20	359.91	10,057.0	593.5	-152.0	597.7	10.00	9.22	3.88	
10,500.0	90.20	359.91	10,056.7	677.9	-152.2	682.0	0.00	0.00	0.00	
10,600.0	90.20	359.91	10,056.3	777.9	-152.3	782.0	0.00	0.00	0.00	
10,700.0	90.20	359.91	10,056.0	877.9	-152.5	881.9	0.00	0.00	0.00	
10,800.0	90.20	359.91	10,055.6	977.9	-152.6	981.9	0.00	0.00	0.00	
10,900.0	90.20	359.91	10,055.3	1,077.9	-152.8	1,081.9	0.00	0.00	0.00	
11,000.0	90.20	359.91	10,054.9	1,177.8	-152.9	1,181.8	0.00	0.00	0.00	
11,100.0	90.20	359.91	10,054.6	1,277.8	-153.1	1,281.8	0.00	0.00	0.00	
11,200.0	90.20	359.91	10,054.2	1,377.8	-153.2	1,381.8	0.00	0.00	0.00	
11,300.0	90.20	359.91	10,053.9	1,477.8	-153.4	1,481.7	0.00	0.00	0.00	
11,400.0	90.20	359.91	10,053.5	1,577.8	-153.6	1,581.7	0.00	0.00	0.00	



Well Planning Report



Database: EDM 5000.1 Single User Db
Company: XTO ENERGY, INC.
Project: Eddy County, NM
Site: Sec 10, T25S, R29E
Well: Corral Canyon 3-34 Fed #907H
Wellbore: Wellbore #1
Design: Design #2

Local Co-ordinate Reference
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Corral Canyon 3-34 Fed #907H
KB=16.5' @ 3050.5usft (Trinidad #445)
KB=16.5' @ 3050.5usft (Trinidad #445)
Grid
Minimum Curvature

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)
11,500.0	90.20	359.91	10,053.2	1,677.8	-153.7	1,681.6	0.00	0.00	0.00
11,600.0	90.20	359.91	10,052.8	1,777.8	-153.9	1,781.6	0.00	0.00	0.00
11,700.0	90.20	359.91	10,052.5	1,877.8	-154.0	1,881.6	0.00	0.00	0.00
11,800.0	90.20	359.91	10,052.1	1,977.8	-154.2	1,981.5	0.00	0.00	0.00
11,900.0	90.20	359.91	10,051.8	2,077.8	-154.3	2,081.5	0.00	0.00	0.00
12,000.0	90.20	359.91	10,051.4	2,177.8	-154.5	2,181.4	0.00	0.00	0.00
12,100.0	90.20	359.91	10,051.1	2,277.8	-154.6	2,281.4	0.00	0.00	0.00
12,200.0	90.20	359.91	10,050.7	2,377.8	-154.8	2,381.4	0.00	0.00	0.00
12,300.0	90.20	359.91	10,050.4	2,477.8	-154.9	2,481.3	0.00	0.00	0.00
12,400.0	90.20	359.91	10,050.0	2,577.8	-155.1	2,581.3	0.00	0.00	0.00
12,500.0	90.20	359.91	10,049.7	2,677.8	-155.3	2,681.2	0.00	0.00	0.00
12,600.0	90.20	359.91	10,049.4	2,777.8	-155.4	2,781.2	0.00	0.00	0.00
12,700.0	90.20	359.91	10,049.0	2,877.8	-155.6	2,881.2	0.00	0.00	0.00
12,800.0	90.20	359.91	10,048.7	2,977.8	-155.7	2,981.1	0.00	0.00	0.00
12,900.0	90.20	359.91	10,048.3	3,077.8	-155.9	3,081.1	0.00	0.00	0.00
13,000.0	90.20	359.91	10,048.0	3,177.8	-156.0	3,181.0	0.00	0.00	0.00
13,100.0	90.20	359.91	10,047.6	3,277.8	-156.2	3,281.0	0.00	0.00	0.00
13,200.0	90.20	359.91	10,047.3	3,377.8	-156.3	3,381.0	0.00	0.00	0.00
13,300.0	90.20	359.91	10,046.9	3,477.8	-156.5	3,480.9	0.00	0.00	0.00
13,400.0	90.20	359.91	10,046.6	3,577.8	-156.6	3,580.9	0.00	0.00	0.00
13,500.0	90.20	359.91	10,046.2	3,677.8	-156.8	3,680.8	0.00	0.00	0.00
13,600.0	90.20	359.91	10,045.9	3,777.8	-157.0	3,780.8	0.00	0.00	0.00
13,700.0	90.20	359.91	10,045.5	3,877.8	-157.1	3,880.8	0.00	0.00	0.00
13,800.0	90.20	359.91	10,045.2	3,977.8	-157.3	3,980.7	0.00	0.00	0.00
13,900.0	90.20	359.91	10,044.8	4,077.8	-157.4	4,080.7	0.00	0.00	0.00
14,000.0	90.20	359.91	10,044.5	4,177.8	-157.6	4,180.7	0.00	0.00	0.00
14,100.0	90.20	359.91	10,044.1	4,277.8	-157.7	4,280.6	0.00	0.00	0.00
14,200.0	90.20	359.91	10,043.8	4,377.8	-157.9	4,380.6	0.00	0.00	0.00
14,300.0	90.20	359.91	10,043.4	4,477.8	-158.0	4,480.5	0.00	0.00	0.00
14,400.0	90.20	359.91	10,043.1	4,577.8	-158.2	4,580.5	0.00	0.00	0.00
14,500.0	90.20	359.91	10,042.7	4,677.8	-158.3	4,680.5	0.00	0.00	0.00
14,600.0	90.20	359.91	10,042.4	4,777.8	-158.5	4,780.4	0.00	0.00	0.00
14,700.0	90.20	359.91	10,042.0	4,877.8	-158.7	4,880.4	0.00	0.00	0.00
14,800.0	90.20	359.91	10,041.7	4,977.8	-158.8	4,980.3	0.00	0.00	0.00
14,900.0	90.20	359.91	10,041.3	5,077.8	-159.0	5,080.3	0.00	0.00	0.00
15,000.0	90.20	359.91	10,041.0	5,177.8	-159.1	5,180.3	0.00	0.00	0.00
15,100.0	90.20	359.91	10,040.6	5,277.8	-159.3	5,280.2	0.00	0.00	0.00
15,200.0	90.20	359.91	10,040.3	5,377.8	-159.4	5,380.2	0.00	0.00	0.00
TD @ 15257.1' MD / 10040.1' TVD									
15,257.1	90.20	359.91	10,040.1	5,434.9	-159.5	5,437.3	0.00	0.00	0.00



Well Planning Report



Database	EDM 5000.1 Single User Db	Local Co-ordinate Reference	Well Corral Canyon 3-34 Fed #907H
Company	XTO ENERGY, INC.	TVD Reference	KB=16.5' @ 3050.5usft (Trinidad #445)
Project	Eddy County, NM	MD Reference	KB=16.5' @ 3050.5usft (Trinidad #445)
Site	Sec 10, T25S, R29E	North Reference	Grid
Well	Corral Canyon 3-34 Fed #907H	Survey Calculation Method	Minimum Curvature
Wellbore	Wellbore #1		
Design	Design #2		

Design Targets										
Target Name	hit/miss target	Dip Angle	Dip Dir	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Shape		(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
CC 3-34 #907H - PBHL	- plan hits target center - Rectangle (sides W100.0 H4,841.5 D0.0)	-0.20	359.91	10,040.1	5,434.9	-159.5	424,403.73	613,429.98	32° 9' 58.578 N	103° 58' 0.343 W
CC 3-34 #907H - LTP	- plan misses target center by 50.7usft at 15200.0usft MD (10040.3 TVD, 5377.8 N, -159.4 E) - Point	0.00	0.00	10,090.5	5,384.9	-159.4	424,353.73	613,430.07	32° 9' 58.083 N	103° 58' 0.344 W
CC 3-34 #907H - FTP	- plan misses target center by 38.1usft at 10341.6usft MD (10052.8 TVD, 519.6 N, -150.1 E) - Point	0.00	0.00	10,090.5	514.1	-151.7	419,482.90	613,437.80	32° 9' 9.880 N	103° 58' 0.447 W

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(usft)	(usft)			(°)	(°)	
555.5	555.5	Rustler				
812.5	812.5	Salado (Top Salt)				
2,946.5	2,946.5	Base Salt				
3,140.5	3,140.5	Delaware (Bell Canyon)				
4,043.5	4,043.5	Cherry Canyon				
5,614.5	5,614.5	Brushy Canyon				
6,873.5	6,873.5	Bone Spring Lm				
7,067.5	7,067.5	Avalon Sh				
7,394.5	7,394.5	Avalon Lm				
7,780.5	7,780.5	1st Bone Spring Lm				
7,813.5	7,813.5	1st Bone Spring Ss				
8,199.5	8,199.5	2nd Bone Spring Lm				
8,675.5	8,675.5	2nd Bone Spring Ss				
8,904.5	8,904.5	3rd Bone Spring Lm				
9,738.0	9,727.5	3rd Bone Spring Ss				

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(usft)	(usft)	+N/-S	+E/-W	Comment	
(usft)	(usft)	(usft)	(usft)		
9,462.5	9,462.5	0.0	0.0	Build 10°/100'	
9,912.5	9,867.6	152.0	-71.1	EOB @ 45.00° Inc / 334.95° Azm - Build 10°/100'	
10,415.6	10,057.0	593.5	-152.0	EOC @ 90.20° Inc / 359.91° Azm / 10057.0' TVD	
15,257.1	10,040.1	5,434.9	-159.5	TD @ 15257.1' MD / 10040.1' TVD	