

Archer Survey Report

OCT 13 2016

RECEIVED

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well 6H
Project:	Lea County, NM	TVD Reference:	3587' GR + 25' KB = 3612' Datum Elevation @ 3612.00usft (Noram 25)
Site:	Outrider Federal 6H	MD Reference:	3587' GR + 25' KB = 3612' Datum Elevation @ 3612.00usft (Noram 25)
Well:	6H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM R5000.1 MULTI

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	Outrider Federal 6H		
Site Position:		Northing:	435,380.60 usft
From:	Map	Easting:	707,127.10 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32° 11' 42.74 N
		Longitude:	103° 39' 49.51 W
		Grid Convergence:	0.36 °

Well	6H		
Well Position	+N/-S	0.00 usft	Northing: 435,380.60 usft
	+E/-W	0.00 usft	Easting: 707,127.10 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 11' 42.74 N
		Longitude:	103° 39' 49.51 W
		Ground Level:	3,587.00 usft

Wellbore	Lateral		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/31/2015	7.02	59.98	48,209

Design	Surveys		
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Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	167.46

Survey Program		Date 1/24/2016			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.00	10,100.00	Gyro (Lateral)	GYRO-NS	Gyrocompass Gyro	
10,234.00	15,276.00	Archer MWD Surveys (Lateral)	MWD+HDGM	OWSG MWD + HDGM	

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	0.49	37.03	100.00	0.34	0.26	-0.28	0.49	0.49	0.00	
200.00	0.82	38.38	199.99	1.24	0.96	-1.01	0.33	0.33	1.35	
300.00	0.65	34.93	299.98	2.27	1.73	-1.84	0.18	-0.17	-3.45	
400.00	0.45	50.23	399.98	2.99	2.35	-2.40	0.25	-0.20	15.30	
500.00	0.23	174.31	499.98	3.04	2.68	-2.38	0.61	-0.22	124.08	
600.00	0.75	219.61	599.97	2.33	2.28	-1.78	0.61	0.52	45.30	
700.00	1.41	221.37	699.96	0.91	1.05	-0.66	0.66	0.66	1.76	

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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)
800.00	2.02	227.91	799.91	-1.20	-1.07	0.94	0.64	0.61	6.54
900.00	2.39	230.91	899.84	-3.69	-4.00	2.74	0.39	0.37	3.00
1,000.00	2.22	228.72	999.76	-6.29	-7.07	4.60	0.19	-0.17	-2.19
1,100.00	1.51	225.71	1,099.70	-8.49	-9.47	6.23	0.72	-0.71	-3.01
1,200.00	1.32	221.07	1,199.67	-10.27	-11.17	7.60	0.22	-0.19	-4.64
1,300.00	1.07	218.11	1,299.65	-11.88	-12.50	8.88	0.26	-0.25	-2.96
1,400.00	1.07	215.65	1,399.63	-13.37	-13.62	10.09	0.05	0.00	-2.46
1,500.00	1.03	212.53	1,499.62	-14.89	-14.65	11.35	0.07	-0.04	-3.12
1,600.00	1.16	208.32	1,599.60	-16.54	-15.62	12.75	0.15	0.13	-4.21
1,700.00	1.23	210.81	1,699.58	-18.35	-16.65	14.30	0.09	0.07	2.49
1,800.00	1.38	206.61	1,799.55	-20.35	-17.73	16.01	0.18	0.15	-4.20
1,900.00	0.96	204.58	1,899.53	-22.19	-18.62	17.61	0.42	-0.42	-2.03
2,000.00	1.08	212.08	1,999.51	-23.75	-19.47	18.95	0.18	0.12	7.50
2,100.00	1.28	220.50	2,099.49	-25.39	-20.70	20.29	0.26	0.20	8.42
2,200.00	0.99	211.26	2,199.47	-26.98	-21.87	21.59	0.34	-0.29	-9.24
2,300.00	0.97	201.50	2,299.46	-28.51	-22.63	22.91	0.17	-0.02	-9.76
2,400.00	1.10	182.38	2,399.44	-30.25	-22.98	24.54	0.37	0.13	-19.12
2,500.00	1.25	174.10	2,499.42	-32.30	-22.91	26.55	0.23	0.15	-8.28
2,600.00	1.38	161.19	2,599.39	-34.52	-22.41	28.83	0.32	0.13	-12.91
2,700.00	1.25	148.06	2,699.37	-36.59	-21.44	31.06	0.33	-0.13	-13.13
2,800.00	1.15	135.99	2,799.35	-38.24	-20.17	32.94	0.27	-0.10	-12.07
2,900.00	1.41	129.38	2,899.32	-39.74	-18.52	34.77	0.30	0.26	-6.61
3,000.00	1.62	122.13	2,999.29	-41.27	-16.37	36.73	0.28	0.21	-7.25
3,100.00	1.65	118.40	3,099.25	-42.71	-13.91	38.67	0.11	0.03	-3.73
3,200.00	1.72	115.70	3,199.20	-44.04	-11.29	40.54	0.11	0.07	-2.70
3,300.00	1.93	112.12	3,299.15	-45.33	-8.38	42.43	0.24	0.21	-3.58
3,400.00	1.97	119.26	3,399.09	-46.80	-5.32	44.53	0.25	0.04	7.14
3,500.00	2.08	120.38	3,499.03	-48.56	-2.25	46.91	0.12	0.11	1.12
3,600.00	2.29	128.39	3,598.96	-50.72	0.88	49.70	0.37	0.21	8.01
3,700.00	1.58	124.45	3,698.90	-52.74	3.58	52.26	0.72	-0.71	-3.94
3,800.00	1.34	120.46	3,798.87	-54.11	5.73	54.06	0.26	-0.24	-3.99
3,900.00	1.29	113.04	3,898.84	-55.14	7.77	55.52	0.18	-0.05	-7.42
4,000.00	1.45	116.03	3,998.81	-56.14	9.94	56.96	0.18	0.16	2.99
4,100.00	1.69	120.59	4,098.78	-57.45	12.35	58.76	0.27	0.24	4.56
4,200.00	2.25	123.78	4,198.72	-59.29	15.25	61.18	0.57	0.56	3.19
4,300.00	2.72	128.73	4,298.62	-61.86	18.73	64.46	0.52	0.47	4.95
4,400.00	3.50	130.43	4,398.47	-65.33	22.91	68.74	0.79	0.78	1.70
4,500.00	4.10	131.16	4,498.25	-69.66	27.92	74.06	0.60	0.60	0.73
4,600.00	3.88	132.92	4,598.01	-74.32	33.09	79.73	0.25	-0.22	1.76
4,700.00	3.44	135.73	4,697.81	-78.77	37.66	85.07	0.48	-0.44	2.81
4,800.00	2.79	137.93	4,797.66	-82.72	41.39	89.74	0.66	-0.65	2.20
4,900.00	2.01	138.24	4,897.57	-85.84	44.19	93.39	0.78	-0.78	0.31

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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)
5,000.00	2.09	142.92	4,997.51	-88.60	46.46	96.57	0.19	0.08	4.68
5,100.00	1.78	147.21	5,097.45	-91.36	48.40	99.69	0.34	-0.31	4.29
5,200.00	1.52	150.34	5,197.41	-93.82	49.89	102.42	0.28	-0.26	3.13
5,300.00	1.42	158.63	5,297.38	-96.13	51.00	104.91	0.23	-0.10	8.29
5,400.00	1.27	164.96	5,397.35	-98.35	51.74	107.24	0.21	-0.15	6.33
5,500.00	0.97	168.87	5,497.33	-100.25	52.19	109.19	0.31	-0.30	3.91
5,600.00	1.10	170.39	5,597.31	-102.03	52.51	111.00	0.13	0.13	1.52
5,700.00	0.99	179.75	5,697.30	-103.84	52.68	112.80	0.20	-0.11	9.36
5,800.00	0.92	186.79	5,797.28	-105.50	52.59	114.40	0.14	-0.07	7.04
5,900.00	1.11	190.36	5,897.27	-107.25	52.32	116.05	0.20	0.19	3.57
6,000.00	0.99	189.29	5,997.25	-109.06	52.00	117.75	0.12	-0.12	-1.07
6,100.00	0.78	187.16	6,097.24	-110.58	51.78	119.19	0.21	-0.21	-2.13
6,200.00	0.96	195.53	6,197.23	-112.07	51.47	120.57	0.22	0.18	8.37
6,300.00	0.80	202.62	6,297.21	-113.52	50.98	121.88	0.19	-0.16	7.09
6,400.00	0.75	210.23	6,397.21	-114.73	50.38	122.93	0.11	-0.05	7.61
6,500.00	0.89	215.99	6,497.20	-115.92	49.59	123.92	0.16	0.14	5.76
6,600.00	0.15	247.48	6,597.19	-116.60	49.02	124.46	0.77	-0.74	31.49
6,700.00	0.07	207.64	6,697.19	-116.70	48.87	124.53	0.11	-0.08	-39.84
6,800.00	0.18	233.38	6,797.19	-116.85	48.71	124.64	0.12	0.11	25.74
6,900.00	0.28	226.47	6,897.19	-117.11	48.41	124.83	0.10	0.10	-6.91
7,000.00	0.35	232.40	6,997.19	-117.47	47.99	125.09	0.08	0.07	5.93
7,100.00	0.11	240.80	7,097.19	-117.70	47.67	125.24	0.24	-0.24	8.40
7,200.00	0.74	223.27	7,197.18	-118.22	47.14	125.63	0.64	0.63	-17.53
7,300.00	0.57	212.85	7,297.18	-119.11	46.43	126.35	0.21	-0.17	-10.42
7,400.00	0.95	226.35	7,397.17	-120.10	45.56	127.12	0.42	0.38	13.50
7,500.00	1.13	230.55	7,497.15	-121.30	44.20	128.00	0.20	0.18	4.20
7,600.00	0.86	233.17	7,597.14	-122.37	42.83	128.75	0.27	-0.27	2.62
7,700.00	0.66	227.70	7,697.13	-123.21	41.81	129.35	0.21	-0.20	-5.47
7,800.00	0.87	225.68	7,797.12	-124.13	40.84	130.03	0.21	0.21	-2.02
7,900.00	0.29	233.81	7,897.11	-124.81	40.09	130.53	0.58	-0.58	8.13
8,000.00	0.58	194.62	7,997.11	-125.45	39.76	131.09	0.40	0.29	-39.19
8,100.00	0.68	180.53	8,097.10	-126.53	39.63	132.11	0.18	0.10	-14.09
8,200.00	0.35	169.86	8,197.10	-127.42	39.67	133.00	0.34	-0.33	-10.67
8,300.00	0.60	152.71	8,297.10	-128.19	39.97	133.81	0.28	0.25	-17.15
8,400.00	0.67	165.40	8,397.09	-129.22	40.35	134.90	0.16	0.07	12.69
8,500.00	0.56	170.32	8,497.09	-130.27	40.58	135.97	0.12	-0.11	4.92
8,600.00	0.77	177.55	8,597.08	-131.42	40.70	137.12	0.23	0.21	7.23
8,700.00	1.01	175.37	8,697.07	-132.97	40.80	138.66	0.24	0.24	-2.18
8,800.00	1.11	176.33	8,797.05	-134.82	40.93	140.49	0.10	0.10	0.96
8,900.00	1.28	178.74	8,897.03	-136.90	41.01	142.54	0.18	0.17	2.41
9,000.00	1.27	180.10	8,997.00	-139.12	41.04	144.72	0.03	-0.01	1.36
9,100.00	1.68	185.79	9,096.97	-141.69	40.89	147.19	0.43	0.41	5.69

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Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM R5000.1 MULTI

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)
9,200.00	2.11	186.59	9,196.91	-144.98	40.53	150.32	0.43	0.43	0.80
9,300.00	2.65	188.03	9,296.83	-149.10	39.99	154.22	0.54	0.54	1.44
9,400.00	3.34	191.28	9,396.69	-154.24	39.10	159.05	0.71	0.69	3.25
9,500.00	3.88	194.31	9,496.49	-160.38	37.70	164.74	0.57	0.54	3.03
9,600.00	3.26	197.50	9,596.30	-166.37	36.00	170.22	0.65	-0.62	3.19
9,700.00	2.40	199.49	9,696.17	-171.05	34.45	174.45	0.87	-0.86	1.99
9,800.00	1.65	202.46	9,796.11	-174.36	33.20	177.41	0.76	-0.75	2.97
9,900.00	0.82	198.89	9,896.09	-176.36	32.42	179.20	0.83	-0.83	-3.57
10,000.00	0.66	195.88	9,996.08	-177.60	32.03	180.31	0.16	-0.16	-3.01
10,100.00	0.40	147.70	10,096.08	-178.44	32.06	181.15	0.49	-0.26	-48.18
10,234.00	6.90	200.80	10,229.74	-186.37	29.45	188.32	4.98	4.85	39.63
10,256.00	9.50	199.60	10,251.51	-189.32	28.37	190.96	11.84	11.82	-5.45
10,287.00	13.70	199.10	10,281.87	-195.20	26.31	196.26	13.55	13.55	-1.61
10,319.00	16.90	199.40	10,312.73	-203.17	23.52	203.43	10.00	10.00	0.94
10,351.00	19.40	196.60	10,343.14	-212.65	20.46	212.02	8.27	7.81	-8.75
10,382.00	21.90	194.70	10,372.15	-223.18	17.52	221.66	8.35	8.06	-6.13
10,414.00	24.40	191.70	10,401.57	-235.43	14.67	233.00	8.64	7.81	-9.38
10,445.00	26.80	188.30	10,429.52	-248.62	12.36	245.37	9.07	7.74	-10.97
10,477.00	30.30	185.30	10,457.63	-263.80	10.57	259.80	11.82	10.94	-9.38
10,508.00	33.40	184.10	10,483.96	-280.10	9.24	275.42	10.21	10.00	-3.87
10,540.00	36.00	183.10	10,510.27	-298.28	8.10	292.92	8.32	8.13	-3.13
10,587.00	39.70	183.40	10,547.37	-327.07	6.46	320.67	7.88	7.87	0.64
10,635.00	43.20	184.10	10,583.34	-358.77	4.38	351.16	7.36	7.29	1.46
10,682.00	47.20	183.50	10,616.46	-392.04	2.17	383.16	8.56	8.51	-1.28
10,729.00	51.00	180.50	10,647.23	-427.53	0.96	417.54	9.41	8.09	-6.38
10,776.00	56.80	178.90	10,674.91	-465.48	1.18	454.63	12.64	12.34	-3.40
10,824.00	61.70	180.20	10,699.44	-506.72	1.49	494.96	10.47	10.21	2.71
10,871.00	65.00	181.30	10,720.52	-548.72	0.94	535.83	7.33	7.02	2.34
10,919.00	68.90	182.60	10,739.31	-592.85	-0.57	578.58	8.50	8.13	2.71
10,966.00	70.60	183.20	10,755.58	-636.89	-2.81	621.08	3.81	3.62	1.28
11,013.00	74.30	184.50	10,769.75	-681.59	-5.82	664.06	8.30	7.87	2.77
11,060.00	78.60	185.10	10,780.76	-727.11	-9.64	707.67	9.23	9.15	1.28
11,108.00	81.60	184.40	10,789.01	-774.23	-13.56	752.81	6.41	6.25	-1.46
11,155.00	85.00	181.70	10,794.50	-820.83	-16.04	797.76	9.21	7.23	-5.74
11,202.00	87.40	180.70	10,797.61	-867.71	-17.02	843.31	5.53	5.11	-2.13
11,249.00	89.80	181.80	10,798.76	-914.68	-18.04	888.94	5.62	5.11	2.34
11,297.00	91.00	181.70	10,798.42	-962.66	-19.51	935.45	2.51	2.50	-0.21
11,391.00	90.40	182.40	10,797.28	-1,056.59	-22.87	1,026.41	0.98	-0.64	0.74
11,485.00	91.20	182.40	10,795.96	-1,150.49	-26.81	1,117.23	0.85	0.85	0.00
11,580.00	89.10	182.80	10,795.71	-1,245.39	-31.12	1,208.92	2.25	-2.21	0.42
11,674.00	89.50	183.10	10,796.86	-1,339.26	-35.95	1,299.50	0.53	0.43	0.32
11,769.00	90.80	183.00	10,796.61	-1,434.12	-41.01	1,391.00	1.37	1.37	-0.11

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Well:	6H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM R5000.1 MULTI

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)
11,863.00	89.60	182.90	10,796.29	-1,528.00	-45.85	1,481.59	1.28	-1.28	-0.11
11,958.00	89.50	182.70	10,797.03	-1,622.88	-50.49	1,573.20	0.24	-0.11	-0.21
12,052.00	90.60	182.50	10,796.95	-1,716.78	-54.75	1,663.94	1.19	1.17	-0.21
12,146.00	89.90	182.20	10,796.54	-1,810.70	-58.61	1,754.78	0.81	-0.74	-0.32
12,241.00	90.70	182.50	10,796.04	-1,905.62	-62.50	1,846.58	0.90	0.84	0.32
12,335.00	89.40	182.00	10,795.96	-1,999.54	-66.19	1,937.47	1.48	-1.38	-0.53
12,430.00	88.40	180.20	10,797.78	-2,094.50	-68.01	2,029.77	2.17	-1.05	-1.89
12,525.00	89.00	179.60	10,799.94	-2,189.48	-67.85	2,122.51	0.89	0.63	-0.63
12,619.00	90.50	179.40	10,800.35	-2,283.47	-67.03	2,214.44	1.61	1.60	-0.21
12,713.00	89.80	180.80	10,800.10	-2,377.47	-67.19	2,306.16	1.67	-0.74	1.49
12,808.00	90.30	181.40	10,800.02	-2,472.45	-69.02	2,398.48	0.82	0.53	0.63
12,902.00	91.60	181.30	10,798.46	-2,566.41	-71.23	2,489.71	1.39	1.38	-0.11
12,997.00	90.50	181.50	10,796.72	-2,661.36	-73.55	2,581.90	1.18	-1.16	0.21
13,092.00	90.70	181.90	10,795.73	-2,756.31	-76.37	2,673.98	0.47	0.21	0.42
13,186.00	89.50	182.10	10,795.56	-2,850.26	-79.65	2,764.96	1.29	-1.28	0.21
13,281.00	87.50	182.10	10,798.05	-2,945.15	-83.13	2,856.84	2.11	-2.11	0.00
13,376.00	88.00	182.20	10,801.78	-3,040.01	-86.69	2,948.66	0.54	0.53	0.11
13,470.00	89.40	182.00	10,803.91	-3,133.92	-90.13	3,039.59	1.50	1.49	-0.21
13,565.00	91.10	181.60	10,803.50	-3,228.87	-93.12	3,131.62	1.84	1.79	-0.42
13,659.00	89.50	181.20	10,803.00	-3,322.84	-95.41	3,222.85	1.75	-1.70	-0.43
13,753.00	90.00	181.20	10,803.41	-3,416.82	-97.38	3,314.16	0.53	0.53	0.00
13,848.00	92.00	180.90	10,801.76	-3,511.78	-99.12	3,406.48	2.13	2.11	-0.32
13,943.00	90.90	181.10	10,799.35	-3,606.74	-100.78	3,498.81	1.18	-1.16	0.21
14,037.00	89.40	181.20	10,799.11	-3,700.71	-102.67	3,590.13	1.60	-1.60	0.11
14,132.00	88.00	181.50	10,801.26	-3,795.66	-104.91	3,682.33	1.51	-1.47	0.32
14,226.00	88.40	182.00	10,804.21	-3,889.57	-107.77	3,773.38	0.68	0.43	0.53
14,321.00	90.20	181.70	10,805.38	-3,984.51	-110.84	3,865.38	1.92	1.89	-0.32
14,416.00	91.90	181.70	10,803.63	-4,079.45	-113.66	3,957.45	1.79	1.79	0.00
14,510.00	91.10	182.20	10,801.17	-4,173.36	-116.86	4,048.42	1.00	-0.85	0.53
14,605.00	89.00	181.40	10,801.09	-4,268.31	-119.84	4,140.46	2.37	-2.21	-0.84
14,699.00	89.80	181.10	10,802.08	-4,362.28	-121.89	4,231.74	0.91	0.85	-0.32
14,794.00	91.30	180.80	10,801.16	-4,457.26	-123.47	4,324.11	1.61	1.58	-0.32
14,889.00	90.00	180.90	10,800.09	-4,552.24	-124.87	4,416.52	1.37	-1.37	0.11
14,983.00	91.00	180.60	10,799.27	-4,646.23	-126.10	4,508.00	1.11	1.06	-0.32
15,079.00	90.50	180.20	10,798.01	-4,742.22	-126.78	4,601.55	0.67	-0.52	-0.42
15,173.00	91.40	180.10	10,796.45	-4,836.20	-127.02	4,693.24	0.96	0.96	-0.11
15,228.00	92.20	179.50	10,794.72	-4,891.17	-126.83	4,746.95	1.82	1.45	-1.09
15,276.00	92.20	179.50	10,792.88	-4,939.14	-126.41	4,793.86	0.00	0.00	0.00

Archer

Survey Report

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well 6H
Project:	Lea County, NM	TVD Reference:	3587' GR + 25' KB = 3612' Datum Elevation @ 3612.00usft (Noram 25)
Site:	Outrider Federal 6H	MD Reference:	3587' GR + 25' KB = 3612' Datum Elevation @ 3612.00usft (Noram 25)
Well:	6H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM R5000.1 MULTI

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
SHL Outrider Federal - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	435,380.60	707,127.10	32° 11' 42.74 N	103° 39' 49.51 W
BHL Outrider Federal - actual wellpath hits target center - Point	0.00	0.00	10,792.8 8	-4,939.14	-126.41	430,441.46	707,000.69	32° 10' 53.87 N	103° 39' 51.34 W
LP Outrider Federal 6 - actual wellpath hits target center - Point	0.00	0.00	10,798.7 6	-914.68	-18.04	434,465.92	707,109.05	32° 11' 33.69 N	103° 39' 49.79 W