

Enerplus Resources (USA) Corporation

**Weld County, CO
SEC 34 T8N-R66W
Prince Albert 7-66-3-10-6C**

Hz

Plan: Plan 3

Standard Planning Report

23 September, 2019

Planning Report

Database:	EDM Server Database	Local Co-ordinate Reference:	Well Prince Albert 7-66-3-10-6C
Company:	Enerplus Resources (USA) Corporation	TVD Reference:	KB @ 5010.0usft
Project:	Weld County, CO	MD Reference:	KB @ 5010.0usft
Site:	SEC 34 T8N-R66W	North Reference:	True
Well:	Prince Albert 7-66-3-10-6C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan 3		

Project	Weld County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		SEC 34 T8N-R66W			
Site Position:		Northing:	1,466,670.78 usft	Latitude:	40° 36' 43.362 N
From:	Lat/Long	Easting:	3,205,908.72 usft	Longitude:	104° 45' 30.060 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.48 °

Well	Prince Albert 7-66-3-10-6C					
Well Position	+N/-S	277.6 usft	Northing:	1,466,949.41 usft	Latitude:	40° 36' 46.105 N
	+E/-W	124.4 usft	Easting:	3,206,030.77 usft	Longitude:	104° 45' 28.447 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	4,994.0 usft

Wellbore	Hz				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/31/2019	7.97	66.96	52,230.60050909

Design	Plan 3			
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	185.05

Plan Survey Tool Program	Date	9/22/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,409.2 Plan 3 (Hz)	MWD	
			OWSG MWD - Standard	

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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,200.0	10.50	239.52	2,196.1	-32.4	-55.1	1.50	1.50	0.00	239.52	
7,079.1	10.50	239.52	6,993.5	-483.5	-821.4	0.00	0.00	0.00	0.00	
7,921.6	90.00	182.88	7,503.0	-1,048.9	-928.7	10.00	9.44	-6.72	302.92	
7,993.5	90.00	180.00	7,503.0	-1,120.8	-930.5	4.00	0.00	-4.00	-90.01	
17,409.7	90.00	180.00	7,503.0	-10,537.1	-930.5	0.00	0.00	0.00	0.00	Prince Albert 7-66-3-1

Planning Report

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Company:	Enerplus Resources (USA) Corporation	TVD Reference:	KB @ 5010.0usft
Project:	Weld County, CO	MD Reference:	KB @ 5010.0usft
Site:	SEC 34 T8N-R66W	North Reference:	True
Well:	Prince Albert 7-66-3-10-6C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan 3		

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
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
9-5/8" - Surface									
1,600.0	1.50	239.52	1,600.0	-0.7	-1.1	0.8	1.50	1.50	0.00
1,700.0	3.00	239.52	1,699.9	-2.7	-4.5	3.0	1.50	1.50	0.00
1,800.0	4.50	239.52	1,799.7	-6.0	-10.1	6.8	1.50	1.50	0.00
1,900.0	6.00	239.52	1,899.3	-10.6	-18.0	12.2	1.50	1.50	0.00
2,000.0	7.50	239.52	1,998.6	-16.6	-28.2	19.0	1.50	1.50	0.00
2,100.0	9.00	239.52	2,097.5	-23.9	-40.5	27.3	1.50	1.50	0.00
2,200.0	10.50	239.52	2,196.1	-32.4	-55.1	37.2	1.50	1.50	0.00
Begin 10.5° Tangent									
2,300.0	10.50	239.52	2,294.4	-41.7	-70.8	47.8	0.00	0.00	0.00
2,400.0	10.50	239.52	2,392.7	-50.9	-86.5	58.4	0.00	0.00	0.00
2,500.0	10.50	239.52	2,491.1	-60.2	-102.2	68.9	0.00	0.00	0.00
2,600.0	10.50	239.52	2,589.4	-69.4	-117.9	79.5	0.00	0.00	0.00
2,700.0	10.50	239.52	2,687.7	-78.7	-133.6	90.1	0.00	0.00	0.00
2,800.0	10.50	239.52	2,786.0	-87.9	-149.3	100.7	0.00	0.00	0.00
2,900.0	10.50	239.52	2,884.4	-97.2	-165.1	111.3	0.00	0.00	0.00
3,000.0	10.50	239.52	2,982.7	-106.4	-180.8	121.9	0.00	0.00	0.00
3,100.0	10.50	239.52	3,081.0	-115.7	-196.5	132.5	0.00	0.00	0.00
3,200.0	10.50	239.52	3,179.3	-124.9	-212.2	143.1	0.00	0.00	0.00
3,300.0	10.50	239.52	3,277.7	-134.1	-227.9	153.7	0.00	0.00	0.00
3,400.0	10.50	239.52	3,376.0	-143.4	-243.6	164.3	0.00	0.00	0.00
3,500.0	10.50	239.52	3,474.3	-152.6	-259.3	174.8	0.00	0.00	0.00
3,600.0	10.50	239.52	3,572.6	-161.9	-275.0	185.4	0.00	0.00	0.00
3,700.0	10.50	239.52	3,671.0	-171.1	-290.7	196.0	0.00	0.00	0.00
3,800.0	10.50	239.52	3,769.3	-180.4	-306.4	206.6	0.00	0.00	0.00
3,900.0	10.50	239.52	3,867.6	-189.6	-322.1	217.2	0.00	0.00	0.00
4,000.0	10.50	239.52	3,965.9	-198.9	-337.8	227.8	0.00	0.00	0.00
4,100.0	10.50	239.52	4,064.3	-208.1	-353.5	238.4	0.00	0.00	0.00
4,200.0	10.50	239.52	4,162.6	-217.3	-369.2	249.0	0.00	0.00	0.00
4,300.0	10.50	239.52	4,260.9	-226.6	-384.9	259.6	0.00	0.00	0.00
4,400.0	10.50	239.52	4,359.2	-235.8	-400.6	270.2	0.00	0.00	0.00
4,500.0	10.50	239.52	4,457.6	-245.1	-416.3	280.8	0.00	0.00	0.00
4,600.0	10.50	239.52	4,555.9	-254.3	-432.0	291.3	0.00	0.00	0.00
4,700.0	10.50	239.52	4,654.2	-263.6	-447.7	301.9	0.00	0.00	0.00
4,800.0	10.50	239.52	4,752.6	-272.8	-463.4	312.5	0.00	0.00	0.00
4,900.0	10.50	239.52	4,850.9	-282.1	-479.1	323.1	0.00	0.00	0.00
5,000.0	10.50	239.52	4,949.2	-291.3	-494.8	333.7	0.00	0.00	0.00

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Project:	Weld County, CO	MD Reference:	KB @ 5010.0usft
Site:	SEC 34 T8N-R66W	North Reference:	True
Well:	Prince Albert 7-66-3-10-6C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan 3		

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)
5,100.0	10.50	239.52	5,047.5	-300.6	-510.5	344.3	0.00	0.00	0.00
5,200.0	10.50	239.52	5,145.9	-309.8	-526.3	354.9	0.00	0.00	0.00
5,300.0	10.50	239.52	5,244.2	-319.0	-542.0	365.5	0.00	0.00	0.00
5,400.0	10.50	239.52	5,342.5	-328.3	-557.7	376.1	0.00	0.00	0.00
5,500.0	10.50	239.52	5,440.8	-337.5	-573.4	386.7	0.00	0.00	0.00
5,600.0	10.50	239.52	5,539.2	-346.8	-589.1	397.3	0.00	0.00	0.00
5,700.0	10.50	239.52	5,637.5	-356.0	-604.8	407.8	0.00	0.00	0.00
5,800.0	10.50	239.52	5,735.8	-365.3	-620.5	418.4	0.00	0.00	0.00
5,900.0	10.50	239.52	5,834.1	-374.5	-636.2	429.0	0.00	0.00	0.00
6,000.0	10.50	239.52	5,932.5	-383.8	-651.9	439.6	0.00	0.00	0.00
6,100.0	10.50	239.52	6,030.8	-393.0	-667.6	450.2	0.00	0.00	0.00
6,200.0	10.50	239.52	6,129.1	-402.3	-683.3	460.8	0.00	0.00	0.00
6,300.0	10.50	239.52	6,227.4	-411.5	-699.0	471.4	0.00	0.00	0.00
6,400.0	10.50	239.52	6,325.8	-420.7	-714.7	482.0	0.00	0.00	0.00
6,500.0	10.50	239.52	6,424.1	-430.0	-730.4	492.6	0.00	0.00	0.00
6,600.0	10.50	239.52	6,522.4	-439.2	-746.1	503.2	0.00	0.00	0.00
6,700.0	10.50	239.52	6,620.7	-448.5	-761.8	513.7	0.00	0.00	0.00
6,800.0	10.50	239.52	6,719.1	-457.7	-777.5	524.3	0.00	0.00	0.00
6,900.0	10.50	239.52	6,817.4	-467.0	-793.2	534.9	0.00	0.00	0.00
7,000.0	10.50	239.52	6,915.7	-476.2	-808.9	545.5	0.00	0.00	0.00
7,079.1	10.50	239.52	6,993.5	-483.5	-821.4	553.9	0.00	0.00	0.00
KOP - Start 10°/100' Build									
7,100.0	11.77	230.88	7,014.0	-485.8	-824.6	556.5	10.00	6.06	-41.31
7,200.0	19.83	208.30	7,110.2	-507.3	-840.6	579.2	10.00	8.06	-22.58
7,300.0	29.09	199.03	7,201.2	-545.3	-856.6	618.5	10.00	9.26	-9.27
7,400.0	38.70	194.02	7,284.1	-598.7	-872.2	673.1	10.00	9.61	-5.01
7,500.0	48.45	190.76	7,356.5	-666.0	-886.8	741.4	10.00	9.75	-3.25
7,600.0	58.26	188.37	7,416.1	-745.0	-900.0	821.3	10.00	9.82	-2.39
7,700.0	68.12	186.44	7,461.1	-833.4	-911.4	910.4	10.00	9.85	-1.93
7,800.0	77.99	184.77	7,490.3	-928.5	-920.7	1,005.9	10.00	9.87	-1.68
7,900.0	87.87	183.21	7,502.6	-1,027.4	-927.6	1,105.0	10.00	9.88	-1.56
7,921.6	90.00	182.88	7,503.0	-1,048.9	-928.7	1,126.6	9.99	9.87	-1.53
7" - 528' FNL & 1923' FEL - Intermediate									
7,993.5	90.00	180.00	7,503.0	-1,120.8	-930.5	1,198.4	4.00	0.00	-4.00
8,000.0	90.00	180.00	7,503.0	-1,127.3	-930.5	1,204.8	0.00	0.00	0.00
8,100.0	90.00	180.00	7,503.0	-1,227.3	-930.5	1,304.4	0.00	0.00	0.00
8,200.0	90.00	180.00	7,503.0	-1,327.3	-930.5	1,404.0	0.00	0.00	0.00
8,300.0	90.00	180.00	7,503.0	-1,427.3	-930.5	1,503.6	0.00	0.00	0.00
8,400.0	90.00	180.00	7,503.0	-1,527.3	-930.5	1,603.2	0.00	0.00	0.00
8,500.0	90.00	180.00	7,503.0	-1,627.3	-930.5	1,702.9	0.00	0.00	0.00
8,600.0	90.00	180.00	7,503.0	-1,727.3	-930.5	1,802.5	0.00	0.00	0.00
8,700.0	90.00	180.00	7,503.0	-1,827.3	-930.5	1,902.1	0.00	0.00	0.00
8,800.0	90.00	180.00	7,503.0	-1,927.3	-930.5	2,001.7	0.00	0.00	0.00
8,900.0	90.00	180.00	7,503.0	-2,027.3	-930.5	2,101.3	0.00	0.00	0.00
9,000.0	90.00	180.00	7,503.0	-2,127.3	-930.5	2,200.9	0.00	0.00	0.00
9,100.0	90.00	180.00	7,503.0	-2,227.3	-930.5	2,300.5	0.00	0.00	0.00
9,200.0	90.00	180.00	7,503.0	-2,327.3	-930.5	2,400.1	0.00	0.00	0.00
9,300.0	90.00	180.00	7,503.0	-2,427.3	-930.5	2,499.7	0.00	0.00	0.00
9,400.0	90.00	180.00	7,503.0	-2,527.3	-930.5	2,599.4	0.00	0.00	0.00
9,500.0	90.00	180.00	7,503.0	-2,627.3	-930.5	2,699.0	0.00	0.00	0.00
9,600.0	90.00	180.00	7,503.0	-2,727.3	-930.5	2,798.6	0.00	0.00	0.00
9,700.0	90.00	180.00	7,503.0	-2,827.3	-930.5	2,898.2	0.00	0.00	0.00
9,800.0	90.00	180.00	7,503.0	-2,927.3	-930.5	2,997.8	0.00	0.00	0.00
9,900.0	90.00	180.00	7,503.0	-3,027.3	-930.5	3,097.4	0.00	0.00	0.00

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Project:	Weld County, CO	MD Reference:	KB @ 5010.0usft
Site:	SEC 34 T8N-R66W	North Reference:	True
Well:	Prince Albert 7-66-3-10-6C	Survey Calculation Method:	Minimum Curvature
Wellbore:	H2		
Design:	Plan 3		

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)	
10,000.0	90.00	180.00	7,503.0	-3,127.3	-930.5	3,197.0	0.00	0.00	0.00	
10,100.0	90.00	180.00	7,503.0	-3,227.3	-930.5	3,296.6	0.00	0.00	0.00	
10,200.0	90.00	180.00	7,503.0	-3,327.3	-930.5	3,396.3	0.00	0.00	0.00	
10,300.0	90.00	180.00	7,503.0	-3,427.3	-930.5	3,495.9	0.00	0.00	0.00	
10,400.0	90.00	180.00	7,503.0	-3,527.3	-930.5	3,595.5	0.00	0.00	0.00	
10,500.0	90.00	180.00	7,503.0	-3,627.3	-930.5	3,695.1	0.00	0.00	0.00	
10,600.0	90.00	180.00	7,503.0	-3,727.3	-930.5	3,794.7	0.00	0.00	0.00	
10,700.0	90.00	180.00	7,503.0	-3,827.3	-930.5	3,894.3	0.00	0.00	0.00	
10,800.0	90.00	180.00	7,503.0	-3,927.3	-930.5	3,993.9	0.00	0.00	0.00	
10,900.0	90.00	180.00	7,503.0	-4,027.3	-930.5	4,093.5	0.00	0.00	0.00	
11,000.0	90.00	180.00	7,503.0	-4,127.3	-930.5	4,193.2	0.00	0.00	0.00	
11,100.0	90.00	180.00	7,503.0	-4,227.3	-930.5	4,292.8	0.00	0.00	0.00	
11,200.0	90.00	180.00	7,503.0	-4,327.3	-930.5	4,392.4	0.00	0.00	0.00	
11,300.0	90.00	180.00	7,503.0	-4,427.3	-930.5	4,492.0	0.00	0.00	0.00	
11,400.0	90.00	180.00	7,503.0	-4,527.3	-930.5	4,591.6	0.00	0.00	0.00	
11,500.0	90.00	180.00	7,503.0	-4,627.3	-930.5	4,691.2	0.00	0.00	0.00	
11,600.0	90.00	180.00	7,503.0	-4,727.3	-930.5	4,790.8	0.00	0.00	0.00	
11,700.0	90.00	180.00	7,503.0	-4,827.3	-930.5	4,890.4	0.00	0.00	0.00	
11,800.0	90.00	180.00	7,503.0	-4,927.3	-930.5	4,990.1	0.00	0.00	0.00	
11,900.0	90.00	180.00	7,503.0	-5,027.3	-930.5	5,089.7	0.00	0.00	0.00	
12,000.0	90.00	180.00	7,503.0	-5,127.3	-930.5	5,189.3	0.00	0.00	0.00	
12,100.0	90.00	180.00	7,503.0	-5,227.3	-930.5	5,288.9	0.00	0.00	0.00	
12,200.0	90.00	180.00	7,503.0	-5,327.3	-930.5	5,388.5	0.00	0.00	0.00	
12,300.0	90.00	180.00	7,503.0	-5,427.3	-930.5	5,488.1	0.00	0.00	0.00	
12,400.0	90.00	180.00	7,503.0	-5,527.3	-930.5	5,587.7	0.00	0.00	0.00	
12,500.0	90.00	180.00	7,503.0	-5,627.3	-930.5	5,687.3	0.00	0.00	0.00	
12,600.0	90.00	180.00	7,503.0	-5,727.3	-930.5	5,787.0	0.00	0.00	0.00	
12,700.0	90.00	180.00	7,503.0	-5,827.3	-930.5	5,886.6	0.00	0.00	0.00	
12,800.0	90.00	180.00	7,503.0	-5,927.3	-930.5	5,986.2	0.00	0.00	0.00	
12,900.0	90.00	180.00	7,503.0	-6,027.3	-930.5	6,085.8	0.00	0.00	0.00	
13,000.0	90.00	180.00	7,503.0	-6,127.3	-930.5	6,185.4	0.00	0.00	0.00	
13,100.0	90.00	180.00	7,503.0	-6,227.3	-930.5	6,285.0	0.00	0.00	0.00	
13,200.0	90.00	180.00	7,503.0	-6,327.3	-930.5	6,384.6	0.00	0.00	0.00	
13,300.0	90.00	180.00	7,503.0	-6,427.3	-930.5	6,484.2	0.00	0.00	0.00	
13,400.0	90.00	180.00	7,503.0	-6,527.3	-930.5	6,583.9	0.00	0.00	0.00	
13,500.0	90.00	180.00	7,503.0	-6,627.3	-930.5	6,683.5	0.00	0.00	0.00	
13,600.0	90.00	180.00	7,503.0	-6,727.3	-930.5	6,783.1	0.00	0.00	0.00	
13,700.0	90.00	180.00	7,503.0	-6,827.3	-930.5	6,882.7	0.00	0.00	0.00	
13,800.0	90.00	180.00	7,503.0	-6,927.3	-930.5	6,982.3	0.00	0.00	0.00	
13,900.0	90.00	180.00	7,503.0	-7,027.3	-930.5	7,081.9	0.00	0.00	0.00	
14,000.0	90.00	180.00	7,503.0	-7,127.3	-930.5	7,181.5	0.00	0.00	0.00	
14,100.0	90.00	180.00	7,503.0	-7,227.3	-930.5	7,281.1	0.00	0.00	0.00	
14,200.0	90.00	180.00	7,503.0	-7,327.3	-930.5	7,380.8	0.00	0.00	0.00	
14,300.0	90.00	180.00	7,503.0	-7,427.3	-930.5	7,480.4	0.00	0.00	0.00	
14,400.0	90.00	180.00	7,503.0	-7,527.3	-930.5	7,580.0	0.00	0.00	0.00	
14,500.0	90.00	180.00	7,503.0	-7,627.3	-930.5	7,679.6	0.00	0.00	0.00	
14,600.0	90.00	180.00	7,503.0	-7,727.3	-930.5	7,779.2	0.00	0.00	0.00	
14,700.0	90.00	180.00	7,503.0	-7,827.3	-930.5	7,878.8	0.00	0.00	0.00	
14,800.0	90.00	180.00	7,503.0	-7,927.3	-930.5	7,978.4	0.00	0.00	0.00	
14,900.0	90.00	180.00	7,503.0	-8,027.3	-930.5	8,078.0	0.00	0.00	0.00	
15,000.0	90.00	180.00	7,503.0	-8,127.3	-930.5	8,177.7	0.00	0.00	0.00	
15,100.0	90.00	180.00	7,503.0	-8,227.3	-930.5	8,277.3	0.00	0.00	0.00	
15,200.0	90.00	180.00	7,503.0	-8,327.3	-930.5	8,376.9	0.00	0.00	0.00	
15,300.0	90.00	180.00	7,503.0	-8,427.3	-930.5	8,476.5	0.00	0.00	0.00	

Planning Report

Database:	EDM Server Database	Local Co-ordinate Reference:	Well Prince Albert 7-66-3-10-6C
Company:	Enerplus Resources (USA) Corporation	TVD Reference:	KB @ 5010.0usft
Project:	Weld County, CO	MD Reference:	KB @ 5010.0usft
Site:	SEC 34 T8N-R66W	North Reference:	True
Well:	Prince Albert 7-66-3-10-6C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan 3		

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)
15,400.0	90.00	180.00	7,503.0	-8,527.3	-930.5	8,576.1	0.00	0.00	0.00
15,500.0	90.00	180.00	7,503.0	-8,627.3	-930.5	8,675.7	0.00	0.00	0.00
15,600.0	90.00	180.00	7,503.0	-8,727.3	-930.5	8,775.3	0.00	0.00	0.00
15,700.0	90.00	180.00	7,503.0	-8,827.3	-930.5	8,874.9	0.00	0.00	0.00
15,800.0	90.00	180.00	7,503.0	-8,927.3	-930.5	8,974.5	0.00	0.00	0.00
15,900.0	90.00	180.00	7,503.0	-9,027.3	-930.5	9,074.2	0.00	0.00	0.00
16,000.0	90.00	180.00	7,503.0	-9,127.3	-930.5	9,173.8	0.00	0.00	0.00
16,100.0	90.00	180.00	7,503.0	-9,227.3	-930.5	9,273.4	0.00	0.00	0.00
16,200.0	90.00	180.00	7,503.0	-9,327.3	-930.5	9,373.0	0.00	0.00	0.00
16,300.0	90.00	180.00	7,503.0	-9,427.3	-930.5	9,472.6	0.00	0.00	0.00
16,400.0	90.00	180.00	7,503.0	-9,527.3	-930.5	9,572.2	0.00	0.00	0.00
16,500.0	90.00	180.00	7,503.0	-9,627.3	-930.5	9,671.8	0.00	0.00	0.00
16,600.0	90.00	180.00	7,503.0	-9,727.3	-930.5	9,771.4	0.00	0.00	0.00
16,700.0	90.00	180.00	7,503.0	-9,827.3	-930.5	9,871.1	0.00	0.00	0.00
16,800.0	90.00	180.00	7,503.0	-9,927.3	-930.5	9,970.7	0.00	0.00	0.00
16,900.0	90.00	180.00	7,503.0	-10,027.3	-930.5	10,070.3	0.00	0.00	0.00
17,000.0	90.00	180.00	7,503.0	-10,127.3	-930.5	10,169.9	0.00	0.00	0.00
17,100.0	90.00	180.00	7,503.0	-10,227.3	-930.5	10,269.5	0.00	0.00	0.00
17,200.0	90.00	180.00	7,503.0	-10,327.3	-930.5	10,369.1	0.00	0.00	0.00
17,300.0	90.00	180.00	7,503.0	-10,427.3	-930.5	10,468.7	0.00	0.00	0.00
17,400.0	90.00	180.00	7,503.0	-10,527.3	-930.5	10,568.3	0.00	0.00	0.00
17,409.7	90.00	180.00	7,503.0	-10,537.0	-930.5	10,578.0	0.00	0.00	0.00
End of Lateral									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Prince Albert 7-66-3-10-4	0.00	0.00	7,503.0	-10,537.1	-930.5	1,456,404.94	3,205,188.51	40° 35' 1.982 N	104° 45' 40.507 W
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,500.0	1,500.0	Surface	9-5/8	9-5/8	
7,921.6	7,503.0	Intermediate	7	7	

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
1,500.0	1,500.0	0.0	0.0	9-5/8"
2,200.0	2,196.1	-32.4	-55.1	Begin 10.5° Tangent
7,079.1	6,993.5	-483.5	-821.4	KOP - Start 10°/100' Build
7,921.6	7,503.0	-1,048.9	-928.7	7" - 528' FNL & 1923' FEL
17,409.7	7,503.0	-10,537.0	-930.5	End of Lateral