

BONANZA CREEK ENERGY INC.

WELD COUNTY, COLORADO (NAD 83)

NE NE SEC. 6 T4N R62W 6th P.M.

STATE SEVENTY HOLES P-T-6HNC

ORIGINAL WELLBORE

21 December, 2014

Plan: PROPOSAL #1





Project: WELD COUNTY, COLORADO (NAD 83)
Site: NE NE SEC. 6 T4N R62W 6th P.M.
Well: STATE SEVENTY HOLES P-T-6HNC
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #1

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Dep	Annotation	
600.0	600.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2°/100ft BUR)	
904.2	904.8	6.10	308.71	10.1	-12.6	-9.7	16.2	EOB TO 6.1° INC	
5480.5	5507.1	6.10	308.71	315.8	-394.1	-303.1	505.0	END OF TANGENT	
5784.7	5811.9	0.00	0.00	325.9	-406.7	-312.8	521.2	EOD TO VERTICAL	
5814.7	5841.9	0.00	0.00	325.9	-406.7	-312.8	521.2	KOP (12°/100ft BUR)	
6275.9	6466.9	75.00	176.93	-27.5	-387.7	39.8	875.1	START OF TANGENT	
6301.8	6566.9	75.00	176.93	-123.9	-382.6	136.0	971.7	END OF TANGENT	
6318.0	6691.9	90.00	176.93	-247.3	-376.0	259.2	1095.2	7" ICP *NEW* - STATE SEVENTY HOLES P-T-6HNC	
6318.0	11008.2	90.00	176.93	-4557.5	-145.0	4559.8	5411.6	BHL - STATE SEVENTY HOLES P-T-6HNC	

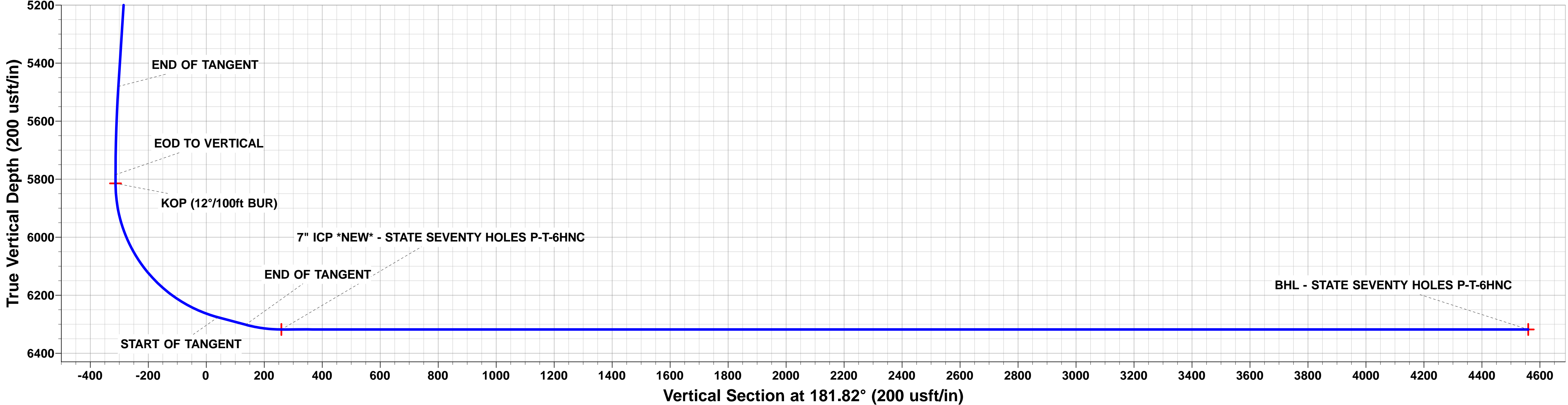
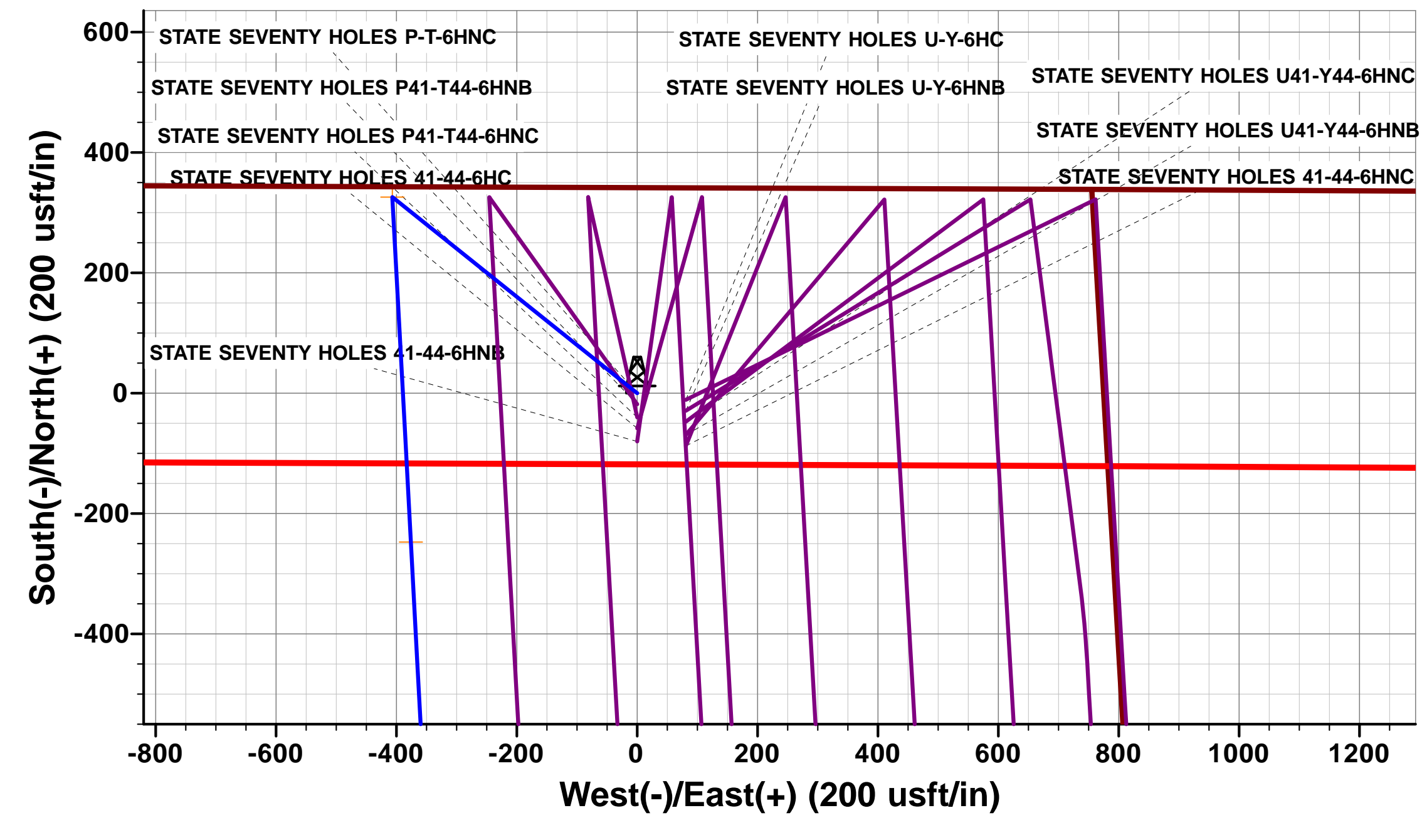
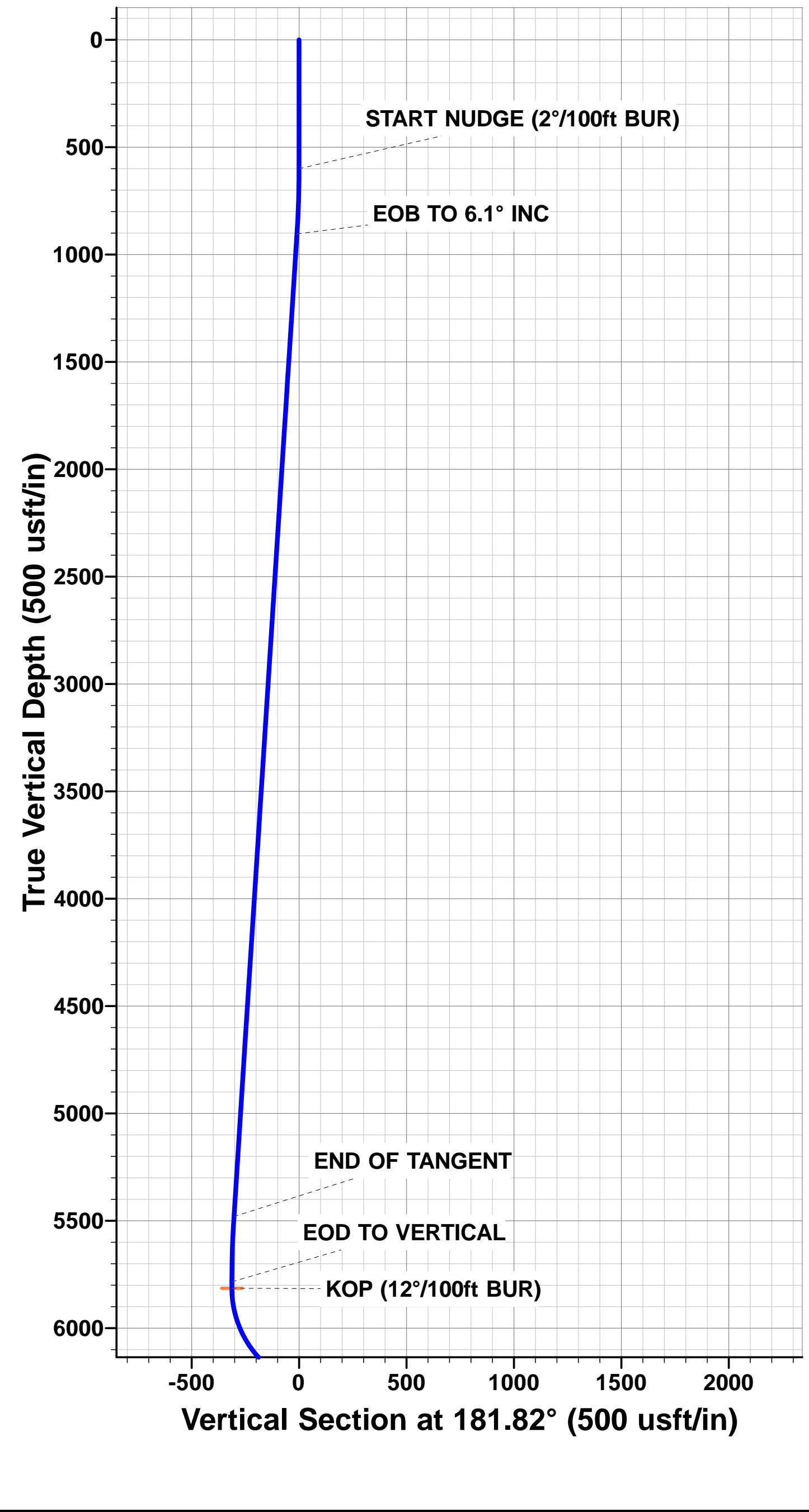
PROPOSED LOCAL COORDINATES:

SHL: 340ft FNL & 775ft FEL Sec 6

7" ICP *NEW*: 588.9ft FNL & 1164ft FEL Sec 6

BHL: 470ft FSL & 1184ft FEL Sec 6

WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - STATE SEVENTY HOLES P-T-6HNC	5814.7	325.9	-406.7	40.349005	-104.364129
7" ICP *NEW* - STATE SEVENTY HOLES P-T-6HNC	6318.0	-247.3	-376.0	40.347431	-104.364019
BHL - STATE SEVENTY HOLES P-T-6HNC	6318.0	-4557.5	-145.0	40.335600	-104.363190



Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well STATE SEVENTY HOLES P-T-6HNC
Company:	BONANZA CREEK ENERGY INC.	TVD Reference:	KB-EST @ 4548.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4548.0usft (Original Well Elev)
Site:	NE NE SEC. 6 T4N R62W 6th P.M.	North Reference:	True
Well:	STATE SEVENTY HOLES P-T-6HNC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Project	WELD COUNTY, COLORADO (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	NE NE SEC. 6 T4N R62W 6th P.M.		
Site Position:		Northing:	1,371,680.11 usft
From:	Lat/Long	Easting:	3,317,072.91 usft
Position Uncertainty:	0.0 usft	Slot Radius:	1.10000ft
		Latitude:	40.348080
		Longitude:	-104.362380
		Grid Convergence:	0.74 °

Well	STATE SEVENTY HOLES P-T-6HNC		
Well Position	+N/-S	10.9 usft	Northing:
	+E/-W	-80.8 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	ORIGINAL WELLBORE				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	21/12/2014	8.17	66.95	52,777

Design	PROPOSAL #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	6,318.0	0.0	0.0	181.82

Plan Sections											
MD (usft)	Inc (°)	Azi (°)	Vertical Depth	SS (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100usf)	Turn Rate (°/100usf)	TFO (°)	Target
0.0	0.00	0.00	0.0	-4,548.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	-3,948.0	0.0	0.0	0.00	0.00	0.00	0.00	
904.8	6.10	308.71	904.2	-3,643.8	10.1	-12.6	2.00	2.00	0.00	308.71	
5,507.1	6.10	308.71	5,480.5	932.5	315.8	-394.1	0.00	0.00	0.00	0.00	
5,811.9	0.00	0.00	5,784.7	1,236.7	325.9	-406.7	2.00	-2.00	0.00	180.00	
5,841.9	0.00	0.00	5,814.7	1,266.7	325.9	-406.7	0.00	0.00	0.00	0.00	KOP - STATE SEVI
6,466.9	75.00	176.93	6,275.9	1,727.9	-27.5	-387.7	12.00	12.00	0.00	176.93	
6,566.9	75.00	176.93	6,301.8	1,753.8	-123.9	-382.6	0.00	0.00	0.00	0.00	
6,691.9	90.00	176.93	6,318.0	1,770.0	-247.3	-376.0	12.00	12.00	0.00	0.00	
11,008.2	90.00	176.93	6,318.0	1,770.0	-4,557.5	-145.0	0.00	0.00	0.00	75.35	BHL - STATE SEVI

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Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4548.0usft (Original Well Elev)
Site:	NE NE SEC. 6 T4N R62W 6th P.M.	North Reference:	True
Well:	STATE SEVENTY HOLES P-T-6HNC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (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	4,548.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	4,448.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	4,348.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	4,248.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	4,148.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	4,048.00	0.0	0.0	0.0	0.00	0.00	0.00
START NUDGE (2°/100ft BUR)										
600.0	0.00	0.00	600.0	3,948.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	2.00	308.71	700.0	3,848.02	1.1	-1.4	-1.1	2.00	2.00	0.00
800.0	4.00	308.71	799.8	3,748.16	4.4	-5.4	-4.2	2.00	2.00	0.00
900.0	6.00	308.71	899.5	3,648.55	9.8	-12.2	-9.4	2.00	2.00	0.00
EOB TO 6.1° INC										
904.8	6.10	308.71	904.2	3,643.75	10.1	-12.6	-9.7	2.00	2.00	0.00
1,000.0	6.10	308.71	998.9	3,549.11	16.5	-20.5	-15.8	0.00	0.00	0.00
1,100.0	6.10	308.71	1,098.3	3,449.68	23.1	-28.8	-22.2	0.00	0.00	0.00
1,200.0	6.10	308.71	1,197.8	3,350.24	29.7	-37.1	-28.5	0.00	0.00	0.00
1,300.0	6.10	308.71	1,297.2	3,250.81	36.4	-45.4	-34.9	0.00	0.00	0.00
1,400.0	6.10	308.71	1,396.6	3,151.38	43.0	-53.7	-41.3	0.00	0.00	0.00
1,500.0	6.10	308.71	1,496.1	3,051.94	49.7	-62.0	-47.7	0.00	0.00	0.00
1,600.0	6.10	308.71	1,595.5	2,952.51	56.3	-70.3	-54.0	0.00	0.00	0.00
1,700.0	6.10	308.71	1,694.9	2,853.07	62.9	-78.5	-60.4	0.00	0.00	0.00
1,800.0	6.10	308.71	1,794.4	2,753.64	69.6	-86.8	-66.8	0.00	0.00	0.00
1,900.0	6.10	308.71	1,893.8	2,654.20	76.2	-95.1	-73.2	0.00	0.00	0.00
2,000.0	6.10	308.71	1,993.2	2,554.77	82.9	-103.4	-79.5	0.00	0.00	0.00
2,100.0	6.10	308.71	2,092.7	2,455.33	89.5	-111.7	-85.9	0.00	0.00	0.00
2,200.0	6.10	308.71	2,192.1	2,355.90	96.1	-120.0	-92.3	0.00	0.00	0.00
2,300.0	6.10	308.71	2,291.5	2,256.47	102.8	-128.3	-98.7	0.00	0.00	0.00
2,400.0	6.10	308.71	2,391.0	2,157.03	109.4	-136.6	-105.0	0.00	0.00	0.00
2,500.0	6.10	308.71	2,490.4	2,057.60	116.1	-144.8	-111.4	0.00	0.00	0.00
2,600.0	6.10	308.71	2,589.8	1,958.16	122.7	-153.1	-117.8	0.00	0.00	0.00
2,700.0	6.10	308.71	2,689.3	1,858.73	129.4	-161.4	-124.2	0.00	0.00	0.00
2,800.0	6.10	308.71	2,788.7	1,759.29	136.0	-169.7	-130.5	0.00	0.00	0.00
2,900.0	6.10	308.71	2,888.1	1,659.86	142.6	-178.0	-136.9	0.00	0.00	0.00
3,000.0	6.10	308.71	2,987.6	1,560.42	149.3	-186.3	-143.3	0.00	0.00	0.00
3,100.0	6.10	308.71	3,087.0	1,460.99	155.9	-194.6	-149.7	0.00	0.00	0.00
3,200.0	6.10	308.71	3,186.4	1,361.55	162.6	-202.9	-156.0	0.00	0.00	0.00
3,300.0	6.10	308.71	3,285.9	1,262.12	169.2	-211.1	-162.4	0.00	0.00	0.00
3,400.0	6.10	308.71	3,385.3	1,162.69	175.8	-219.4	-168.8	0.00	0.00	0.00
3,500.0	6.10	308.71	3,484.7	1,063.25	182.5	-227.7	-175.2	0.00	0.00	0.00
3,600.0	6.10	308.71	3,584.2	963.82	189.1	-236.0	-181.5	0.00	0.00	0.00
3,700.0	6.10	308.71	3,683.6	864.38	195.8	-244.3	-187.9	0.00	0.00	0.00
3,800.0	6.10	308.71	3,783.1	764.95	202.4	-252.6	-194.3	0.00	0.00	0.00
3,900.0	6.10	308.71	3,882.5	665.51	209.0	-260.9	-200.6	0.00	0.00	0.00
4,000.0	6.10	308.71	3,981.9	566.08	215.7	-269.2	-207.0	0.00	0.00	0.00
4,100.0	6.10	308.71	4,081.4	466.64	222.3	-277.4	-213.4	0.00	0.00	0.00
4,200.0	6.10	308.71	4,180.8	367.21	229.0	-285.7	-219.8	0.00	0.00	0.00
4,300.0	6.10	308.71	4,280.2	267.78	235.6	-294.0	-226.1	0.00	0.00	0.00
4,400.0	6.10	308.71	4,379.7	168.34	242.2	-302.3	-232.5	0.00	0.00	0.00
4,500.0	6.10	308.71	4,479.1	68.91	248.9	-310.6	-238.9	0.00	0.00	0.00
4,600.0	6.10	308.71	4,578.5	-30.53	255.5	-318.9	-245.3	0.00	0.00	0.00
4,700.0	6.10	308.71	4,678.0	-129.96	262.2	-327.2	-251.6	0.00	0.00	0.00
4,800.0	6.10	308.71	4,777.4	-229.40	268.8	-335.5	-258.0	0.00	0.00	0.00
4,900.0	6.10	308.71	4,876.8	-328.83	275.5	-343.7	-264.4	0.00	0.00	0.00
5,000.0	6.10	308.71	4,976.3	-428.27	282.1	-352.0	-270.8	0.00	0.00	0.00

Planning Report



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Well:	STATE SEVENTY HOLES P-T-6HNC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.0	6.10	308.71	5,075.7	-527.70	288.7	-360.3	-277.1	0.00	0.00	0.00
5,200.0	6.10	308.71	5,175.1	-627.13	295.4	-368.6	-283.5	0.00	0.00	0.00
5,300.0	6.10	308.71	5,274.6	-726.57	302.0	-376.9	-289.9	0.00	0.00	0.00
5,400.0	6.10	308.71	5,374.0	-826.00	308.7	-385.2	-296.3	0.00	0.00	0.00
5,500.0	6.10	308.71	5,473.4	-925.44	315.3	-393.5	-302.6	0.00	0.00	0.00
END OF TANGENT										
5,507.1	6.10	308.71	5,480.5	-932.45	315.8	-394.1	-303.1	0.00	0.00	0.00
5,600.0	4.24	308.71	5,573.0	-1,025.02	321.0	-400.6	-308.1	2.00	-2.00	0.00
5,700.0	2.24	308.71	5,672.9	-1,124.85	324.5	-405.0	-311.5	2.00	-2.00	0.00
5,800.0	0.24	308.71	5,772.8	-1,224.82	325.9	-406.7	-312.8	2.00	-2.00	0.00
EOD TO VERTICAL										
5,811.9	0.00	0.00	5,784.7	-1,236.70	325.9	-406.7	-312.8	2.00	-2.00	0.00
KOP (12°/100ft BUR)										
5,841.9	0.00	0.00	5,814.7	-1,266.70	325.9	-406.7	-312.8	0.00	0.00	0.00
5,900.0	6.97	176.93	5,872.7	-1,324.68	322.4	-406.5	-309.3	12.00	12.00	0.00
6,000.0	18.97	176.93	5,969.9	-1,421.95	300.0	-405.3	-287.0	12.00	12.00	0.00
6,100.0	30.97	176.93	6,060.4	-1,512.43	257.9	-403.1	-245.0	12.00	12.00	0.00
6,200.0	42.97	176.93	6,140.2	-1,592.18	198.0	-399.8	-185.2	12.00	12.00	0.00
6,300.0	54.97	176.93	6,205.7	-1,657.70	122.8	-395.8	-110.1	12.00	12.00	0.00
6,400.0	66.97	176.93	6,254.1	-1,706.13	35.6	-391.1	-23.2	12.00	12.00	0.00
START OF TANGENT										
6,466.9	75.00	176.93	6,275.9	-1,727.90	-27.5	-387.7	39.8	12.00	12.00	0.00
6,500.0	75.00	176.93	6,284.5	-1,736.47	-59.4	-386.0	71.7	0.00	0.00	0.00
END OF TANGENT										
6,566.9	75.00	176.93	6,301.8	-1,753.78	-123.9	-382.6	136.0	0.00	0.00	0.00
6,600.0	78.97	176.93	6,309.2	-1,761.23	-156.2	-380.8	168.2	12.00	12.00	0.00
7" ICP *NEW* - STATE SEVENTY HOLES P-T-6HNC										
6,691.9	90.00	176.93	6,318.0	-1,770.05	-247.3	-376.0	259.2	12.00	12.00	0.00
6,700.0	90.00	176.93	6,318.0	-1,770.05	-255.4	-375.5	267.3	0.00	0.00	0.00
6,800.0	90.00	176.93	6,318.0	-1,770.05	-355.3	-370.2	366.9	0.00	0.00	0.00
6,900.0	90.00	176.93	6,318.0	-1,770.05	-455.2	-364.8	466.5	0.00	0.00	0.00
7,000.0	90.00	176.93	6,318.0	-1,770.05	-555.0	-359.5	566.2	0.00	0.00	0.00
7,100.0	90.00	176.93	6,318.0	-1,770.05	-654.9	-354.1	665.8	0.00	0.00	0.00
7,200.0	90.00	176.93	6,318.0	-1,770.05	-754.7	-348.7	765.4	0.00	0.00	0.00
7,300.0	90.00	176.93	6,318.0	-1,770.05	-854.6	-343.4	865.1	0.00	0.00	0.00
7,400.0	90.00	176.93	6,318.0	-1,770.05	-954.4	-338.0	964.7	0.00	0.00	0.00
7,500.0	90.00	176.93	6,318.0	-1,770.05	-1,054.3	-332.7	1,064.3	0.00	0.00	0.00
7,600.0	90.00	176.93	6,318.0	-1,770.04	-1,154.2	-327.3	1,164.0	0.00	0.00	0.00
7,700.0	90.00	176.93	6,318.0	-1,770.04	-1,254.0	-322.0	1,263.6	0.00	0.00	0.00
7,800.0	90.00	176.93	6,318.0	-1,770.04	-1,353.9	-316.6	1,363.2	0.00	0.00	0.00
7,900.0	90.00	176.93	6,318.0	-1,770.04	-1,453.7	-311.3	1,462.9	0.00	0.00	0.00
8,000.0	90.00	176.93	6,318.0	-1,770.04	-1,553.6	-305.9	1,562.5	0.00	0.00	0.00
8,100.0	90.00	176.93	6,318.0	-1,770.04	-1,653.4	-300.6	1,662.2	0.00	0.00	0.00
8,200.0	90.00	176.93	6,318.0	-1,770.04	-1,753.3	-295.2	1,761.8	0.00	0.00	0.00
8,300.0	90.00	176.93	6,318.0	-1,770.04	-1,853.1	-289.9	1,861.4	0.00	0.00	0.00
8,400.0	90.00	176.93	6,318.0	-1,770.04	-1,953.0	-284.5	1,961.1	0.00	0.00	0.00
8,500.0	90.00	176.93	6,318.0	-1,770.04	-2,052.9	-279.2	2,060.7	0.00	0.00	0.00
8,600.0	90.00	176.93	6,318.0	-1,770.04	-2,152.7	-273.8	2,160.3	0.00	0.00	0.00
8,700.0	90.00	176.93	6,318.0	-1,770.04	-2,252.6	-268.4	2,260.0	0.00	0.00	0.00
8,800.0	90.00	176.93	6,318.0	-1,770.04	-2,352.4	-263.1	2,359.6	0.00	0.00	0.00
8,900.0	90.00	176.93	6,318.0	-1,770.03	-2,452.3	-257.7	2,459.2	0.00	0.00	0.00
9,000.0	90.00	176.93	6,318.0	-1,770.03	-2,552.1	-252.4	2,558.9	0.00	0.00	0.00
9,100.0	90.00	176.93	6,318.0	-1,770.03	-2,652.0	-247.0	2,658.5	0.00	0.00	0.00

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well STATE SEVENTY HOLES P-T-6HNC
Company:	BONANZA CREEK ENERGY INC.	TVD Reference:	KB-EST @ 4548.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4548.0usft (Original Well Elev)
Site:	NE NE SEC. 6 T4N R62W 6th P.M.	North Reference:	True
Well:	STATE SEVENTY HOLES P-T-6HNC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,200.0	90.00	176.93	6,318.0	-1,770.03	-2,751.9	-241.7	2,758.1	0.00	0.00	0.00
9,300.0	90.00	176.93	6,318.0	-1,770.03	-2,851.7	-236.3	2,857.8	0.00	0.00	0.00
9,400.0	90.00	176.93	6,318.0	-1,770.03	-2,951.6	-231.0	2,957.4	0.00	0.00	0.00
9,500.0	90.00	176.93	6,318.0	-1,770.03	-3,051.4	-225.6	3,057.1	0.00	0.00	0.00
9,600.0	90.00	176.93	6,318.0	-1,770.03	-3,151.3	-220.3	3,156.7	0.00	0.00	0.00
9,700.0	90.00	176.93	6,318.0	-1,770.02	-3,251.1	-214.9	3,256.3	0.00	0.00	0.00
9,800.0	90.00	176.93	6,318.0	-1,770.02	-3,351.0	-209.6	3,356.0	0.00	0.00	0.00
9,900.0	90.00	176.93	6,318.0	-1,770.02	-3,450.9	-204.2	3,455.6	0.00	0.00	0.00
10,000.0	90.00	176.93	6,318.0	-1,770.02	-3,550.7	-198.9	3,555.2	0.00	0.00	0.00
10,100.0	90.00	176.93	6,318.0	-1,770.02	-3,650.6	-193.5	3,654.9	0.00	0.00	0.00
10,200.0	90.00	176.93	6,318.0	-1,770.02	-3,750.4	-188.2	3,754.5	0.00	0.00	0.00
10,300.0	90.00	176.93	6,318.0	-1,770.01	-3,850.3	-182.8	3,854.1	0.00	0.00	0.00
10,400.0	90.00	176.93	6,318.0	-1,770.01	-3,950.1	-177.5	3,953.8	0.00	0.00	0.00
10,500.0	90.00	176.93	6,318.0	-1,770.01	-4,050.0	-172.1	4,053.4	0.00	0.00	0.00
10,600.0	90.00	176.93	6,318.0	-1,770.01	-4,149.9	-166.8	4,153.1	0.00	0.00	0.00
10,700.0	90.00	176.93	6,318.0	-1,770.01	-4,249.7	-161.5	4,252.7	0.00	0.00	0.00
10,800.0	90.00	176.93	6,318.0	-1,770.00	-4,349.6	-156.1	4,352.3	0.00	0.00	0.00
10,900.0	90.00	176.93	6,318.0	-1,770.00	-4,449.4	-150.8	4,452.0	0.00	0.00	0.00
11,000.0	90.00	176.93	6,318.0	-1,770.00	-4,549.3	-145.4	4,551.6	0.00	0.00	0.00
BHL - STATE SEVENTY HOLES P-T-6HNC										
11,008.2	90.00	176.93	6,318.0	-1,770.00	-4,557.5	-145.0	4,559.8	0.00	0.00	0.00

Plan Annotations					
MD (usft)	TVD (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
600.0	600.0	0.0	0.0	START NUDGE (2°/100ft BUR)	
904.8	904.2	10.1	-12.6	EOB TO 6.1° INC	
5,507.1	5,480.5	315.8	-394.1	END OF TANGENT	
5,811.9	5,784.7	325.9	-406.7	EOD TO VERTICAL	
5,841.9	5,814.7	325.9	-406.7	KOP (12°/100ft BUR)	
6,466.9	6,275.9	-27.5	-387.7	START OF TANGENT	
6,566.9	6,301.8	-123.9	-382.6	END OF TANGENT	
6,691.9	6,318.0	-247.3	-376.0	7" ICP *NEW* - STATE SEVENTY HOLES P-T-6HNC	
11,008.2	6,318.0	-4,557.5	-145.0	BHL - STATE SEVENTY HOLES P-T-6HNC	