

BILL BARRETT CORPORATION

WELD COUNTY, COLORADO

SEC 25 T5N R62W 6th P.M.

ANSCHUTZ STATE #5-62-25-1080XBH - Slot AS

5-62-25-1080XBH

12 December, 2013

Plan: PROPOSAL #2





Project: WELD COUNTY, COLORADO
Site: SEC 25 T5N R62W 6th P.M.
Well: ANSCHUTZ STATE #5-62-25-1080XBH
Wellbore: Wellbore #1
Design: PROPOSAL #2

ANNOTATIONS

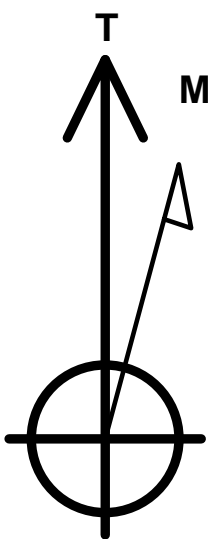
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
300.0	300.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2.5°/100ft BUR)
800.0	804.1	12.60	342.10	52.5	-17.0	-6.8	55.2	SURFACE CASING
3636.3	3710.4	12.60	342.10	655.9	-211.9	-84.3	689.3	END OF TANGENT
4469.7	4550.5	0.00	0.00	743.5	-240.1	-95.6	781.3	EOD TO VERTICAL
5639.2	5720.0	0.00	43.06	743.5	-240.1	-95.5	781.3	KOP (11°/100ft BUR)
6160.0	6546.6	90.92	88.35	758.8	289.0	426.9	1310.6	LP (P2) - AS #5-62-25-1080XBH
6090.0	10860.2	90.93	88.33	883.7	4600.2	4684.3	5623.6	BHL (P2) - AS #5-62-25-1080XBH

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP	5639.2	743.5	-240.1	40° 22' 37.426 N	104° 16' 51.002 W
BHL (P2)- AS #5-62-25-1080XBH	6090.0	883.7	4600.2	40° 22' 38.807 N	104° 15' 48.459 W
LP (P2) - AS #5-62-25-1080XBH	6160.0	758.8	289.0	40° 22' 37.577 N	104° 16' 44.165 W

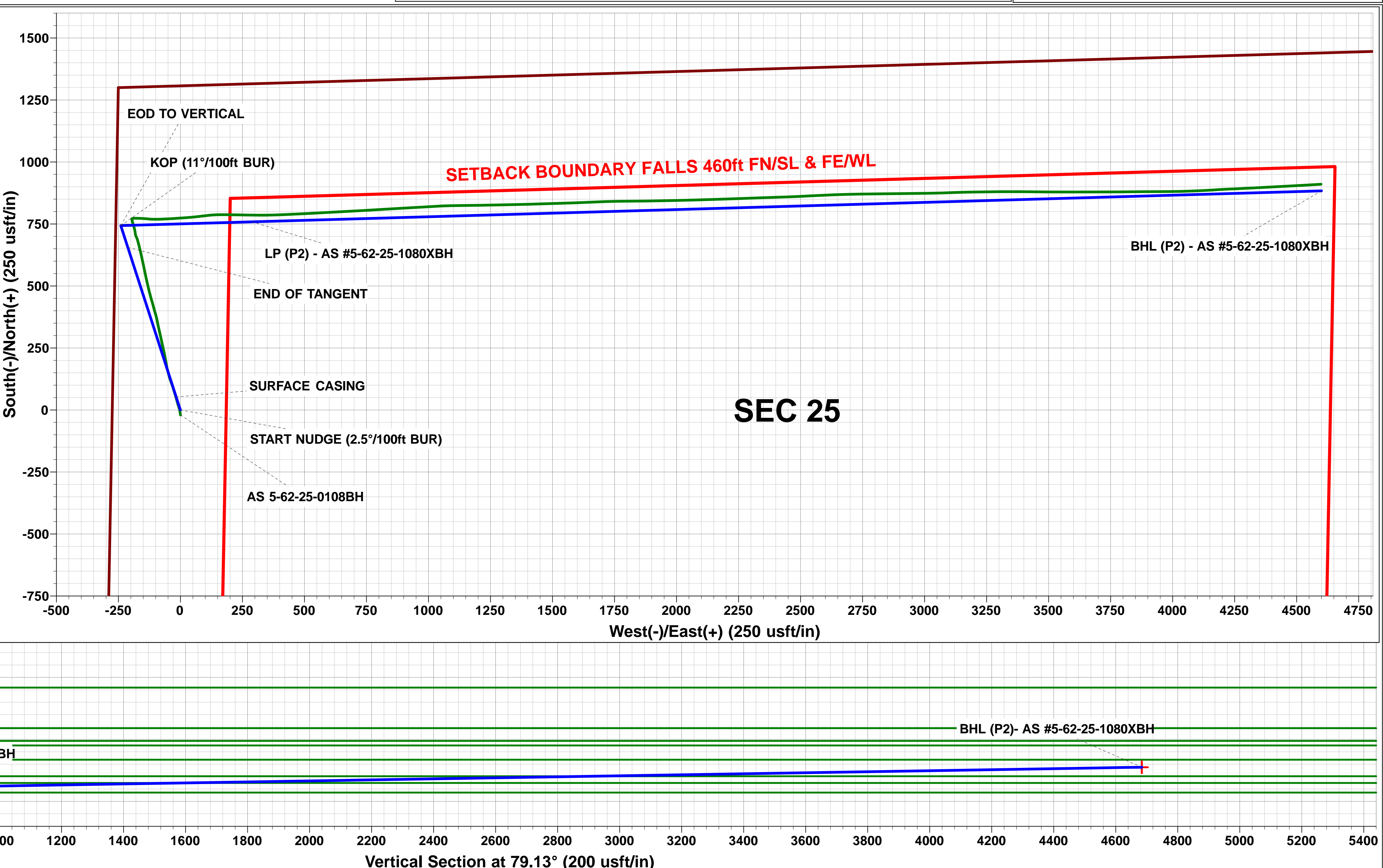
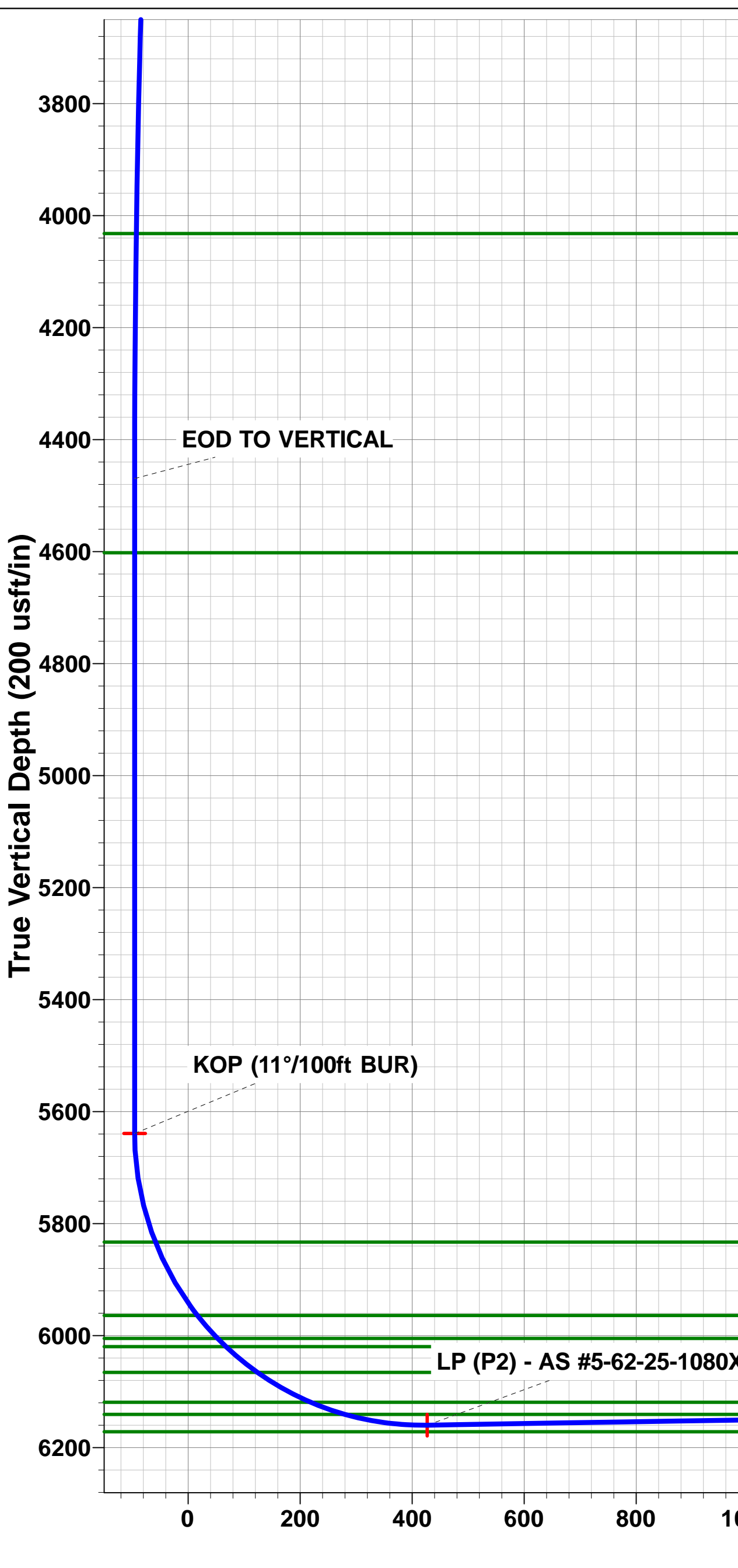
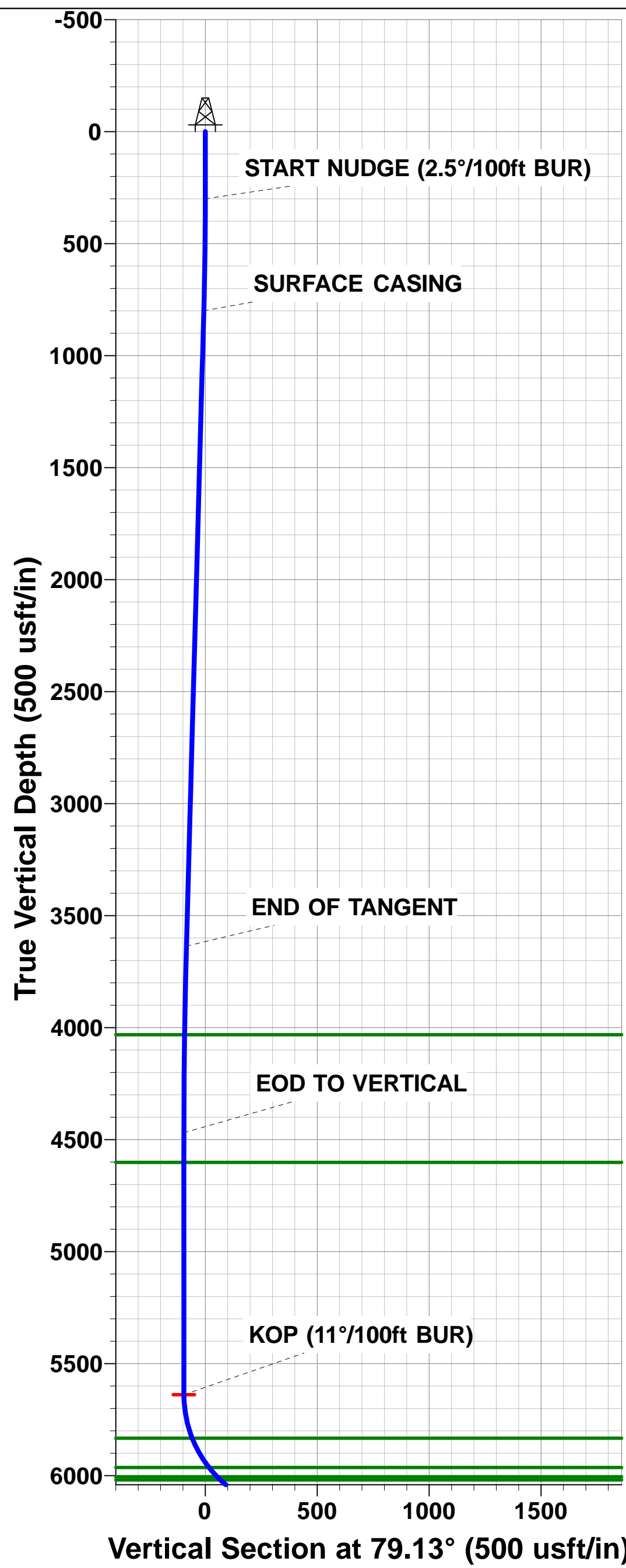
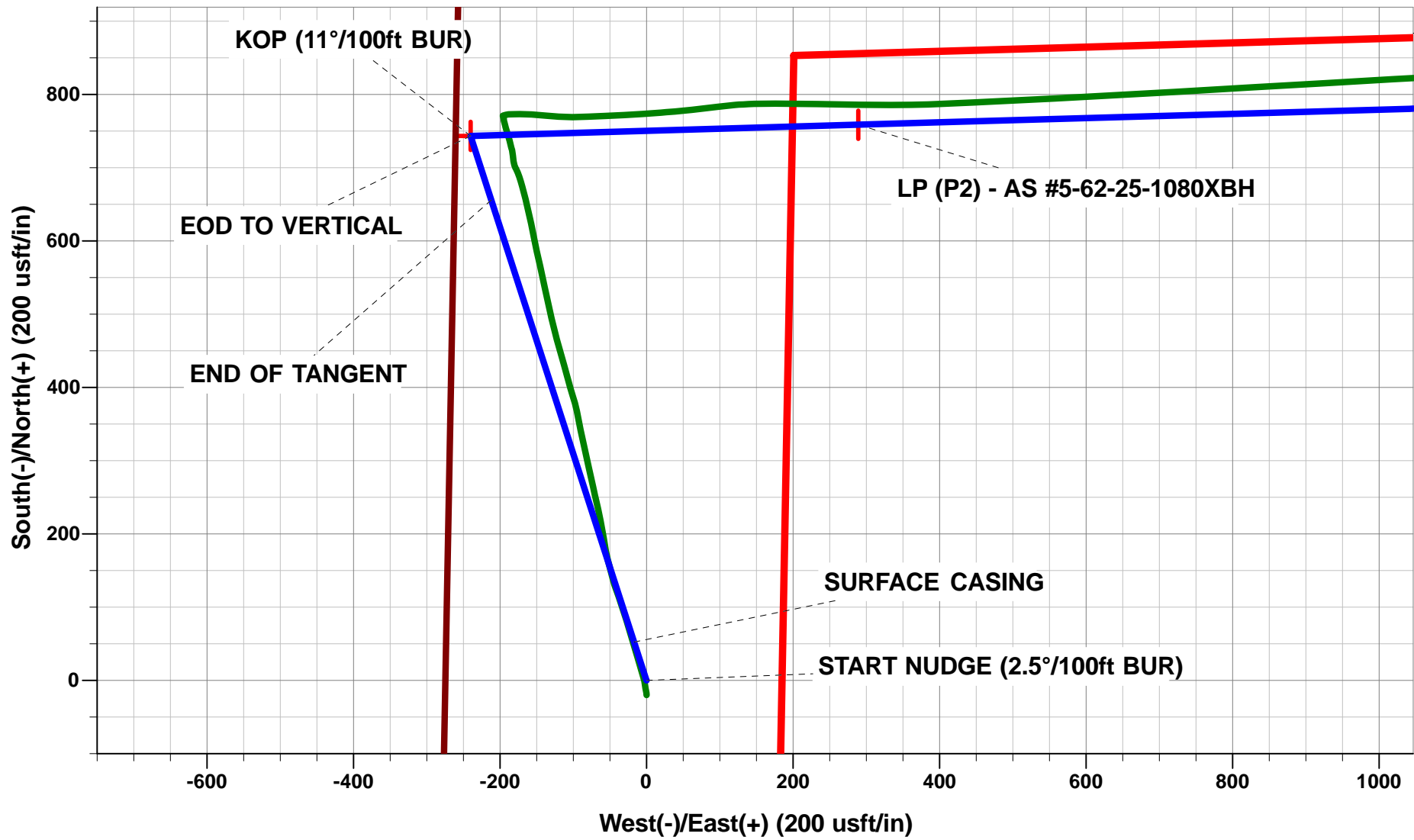
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4032.0	4111.9	TERRY/SUSSEX
4602.0	4682.8	SHANNON
5833.0	5918.6	SHARON SPRINGS
5964.0	6070.7	NIOBRARA
6005.0	6125.6	A CHALK
6020.0	6147.1	A MARL
6066.0	6220.3	B2 CHALK
6119.0	6330.0	B2 MARL
6141.0	6396.8	C CHALK



Azimuths to True North
Magnetic North: 8.26°

Magnetic Field
Strength: 52908.1nT
Dip Angle: 67.02°
Date: 11/12/2013
Model: IGRF2010



Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well ANSCHUTZ STATE #5-62-25-1080XBH - Slot AS 5-62-25-1080XBH
Company:	BILL BARRETT CORPORATION	TVD Reference:	KB-EST @ 4598.0usft
Project:	WELD COUNTY, COLORADO	MD Reference:	KB-EST @ 4598.0usft
Site:	SEC 25 T5N R62W 6th P.M.	North Reference:	True
Well:	ANSCHUTZ STATE #5-62-25-1080XBH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PROPOSAL #2		

Project	WELD COUNTY, COLORADO		
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	SEC 25 T5N R62W 6th P.M.		
Site Position:		Northing:	1,381,779.29 usft
From:	Lat/Long	Easting:	3,339,905.18 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	40° 22' 29.881 N
		Longitude:	104° 16' 47.899 W
		Grid Convergence:	0.79 °

Well	ANSCHUTZ STATE #5-62-25-1080XBH - Slot AS 5-62-25-1080XBH		
Well Position	+N/-S	20.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty		0.0 usft	Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/12/2013	8.26	67.02	52,908

Design	PROPOSAL #2				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	6,090.0	0.0	0.0	79.13	

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	-4,598.0	0.0	0.0	0.00	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	-4,298.0	0.0	0.0	0.00	0.00	0.00	0.00	
804.1	12.60	342.10	800.0	-3,798.0	52.5	-17.0	2.50	2.50	0.00	342.10	
3,710.4	12.60	342.10	3,636.3	-961.7	655.9	-211.9	0.00	0.00	0.00	0.00	
4,550.5	0.00	0.00	4,469.7	-128.3	743.5	-240.1	1.50	-1.50	0.00	180.00	
5,720.0	0.00	43.06	5,639.2	1,041.2	743.5	-240.1	0.00	0.00	3.68	43.06	KOP
6,546.6	90.93	88.35	6,160.0	1,562.0	758.8	289.0	11.00	11.00	5.48	45.28	LP (P2) - AS #5-62-
10,860.2	90.93	88.33	6,090.0	1,492.0	883.7	4,600.2	0.00	0.00	0.00	-71.46	BHL (P2)- AS #5-62-

Planning Report



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Site:	SEC 25 T5N R62W 6th P.M.	North Reference:	True
Well:	ANSCHUTZ STATE #5-62-25-1080XBH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PROPOSAL #2		

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	4,598.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	4,498.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	4,398.00	0.0	0.0	0.0	0.00	0.00	0.00
START NUDGE (2.5°/100ft BUR)										
300.0	0.00	0.00	300.0	4,298.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.50	342.10	400.0	4,198.03	2.1	-0.7	-0.3	2.50	2.50	0.00
500.0	5.00	342.10	499.7	4,098.25	8.3	-2.7	-1.1	2.50	2.50	0.00
600.0	7.50	342.10	599.1	3,998.86	18.7	-6.0	-2.4	2.50	2.50	0.00
700.0	10.00	342.10	698.0	3,900.03	33.1	-10.7	-4.3	2.50	2.50	0.00
800.0	12.50	342.10	796.0	3,801.96	51.7	-16.7	-6.6	2.50	2.50	0.00
SURFACE CASING										
804.1	12.60	342.10	800.0	3,798.00	52.5	-17.0	-6.8	2.50	2.50	0.00
900.0	12.60	342.10	893.6	3,704.36	72.5	-23.4	-9.3	0.00	0.00	0.00
1,000.0	12.60	342.10	991.2	3,606.77	93.2	-30.1	-12.0	0.00	0.00	0.00
1,100.0	12.60	342.10	1,088.8	3,509.18	114.0	-36.8	-14.7	0.00	0.00	0.00
1,200.0	12.60	342.10	1,186.4	3,411.59	134.7	-43.5	-17.3	0.00	0.00	0.00
1,300.0	12.60	342.10	1,284.0	3,314.00	155.5	-50.2	-20.0	0.00	0.00	0.00
1,400.0	12.60	342.10	1,381.6	3,216.41	176.3	-56.9	-22.7	0.00	0.00	0.00
1,500.0	12.60	342.10	1,479.2	3,118.82	197.0	-63.6	-25.3	0.00	0.00	0.00
1,600.0	12.60	342.10	1,576.8	3,021.23	217.8	-70.3	-28.0	0.00	0.00	0.00
1,700.0	12.60	342.10	1,674.4	2,923.64	238.5	-77.0	-30.7	0.00	0.00	0.00
1,800.0	12.60	342.10	1,772.0	2,826.04	259.3	-83.8	-33.3	0.00	0.00	0.00
1,900.0	12.60	342.10	1,869.5	2,728.45	280.1	-90.5	-36.0	0.00	0.00	0.00
2,000.0	12.60	342.10	1,967.1	2,630.86	300.8	-97.2	-38.7	0.00	0.00	0.00
2,100.0	12.60	342.10	2,064.7	2,533.27	321.6	-103.9	-41.3	0.00	0.00	0.00
2,200.0	12.60	342.10	2,162.3	2,435.68	342.3	-110.6	-44.0	0.00	0.00	0.00
2,300.0	12.60	342.10	2,259.9	2,338.09	363.1	-117.3	-46.7	0.00	0.00	0.00
2,400.0	12.60	342.10	2,357.5	2,240.50	383.9	-124.0	-49.3	0.00	0.00	0.00
2,500.0	12.60	342.10	2,455.1	2,142.91	404.6	-130.7	-52.0	0.00	0.00	0.00
2,600.0	12.60	342.10	2,552.7	2,045.32	425.4	-137.4	-54.7	0.00	0.00	0.00
2,700.0	12.60	342.10	2,650.3	1,947.72	446.1	-144.1	-57.3	0.00	0.00	0.00
2,800.0	12.60	342.10	2,747.9	1,850.13	466.9	-150.8	-60.0	0.00	0.00	0.00
2,900.0	12.60	342.10	2,845.5	1,752.54	487.7	-157.5	-62.7	0.00	0.00	0.00
3,000.0	12.60	342.10	2,943.0	1,654.95	508.4	-164.2	-65.4	0.00	0.00	0.00
3,100.0	12.60	342.10	3,040.6	1,557.36	529.2	-170.9	-68.0	0.00	0.00	0.00
3,200.0	12.60	342.10	3,138.2	1,459.77	549.9	-177.6	-70.7	0.00	0.00	0.00
3,300.0	12.60	342.10	3,235.8	1,362.18	570.7	-184.3	-73.4	0.00	0.00	0.00
3,400.0	12.60	342.10	3,333.4	1,264.59	591.5	-191.0	-76.0	0.00	0.00	0.00
3,500.0	12.60	342.10	3,431.0	1,166.99	612.2	-197.7	-78.7	0.00	0.00	0.00
3,600.0	12.60	342.10	3,528.6	1,069.40	633.0	-204.4	-81.4	0.00	0.00	0.00
3,700.0	12.60	342.10	3,626.2	971.81	653.7	-211.2	-84.0	0.00	0.00	0.00
END OF TANGENT										
3,710.4	12.60	342.10	3,636.3	961.66	655.9	-211.9	-84.3	0.00	0.00	0.00
3,800.0	11.26	342.10	3,724.0	874.00	673.5	-217.5	-86.6	1.50	-1.50	0.00
3,900.0	9.76	342.10	3,822.3	775.68	690.9	-223.1	-88.8	1.50	-1.50	0.00
4,000.0	8.26	342.10	3,921.1	676.92	705.8	-228.0	-90.7	1.50	-1.50	0.00
4,100.0	6.76	342.10	4,020.2	577.78	718.2	-232.0	-92.3	1.50	-1.50	0.00
TERRY/SUSSEX										
4,111.9	6.58	342.10	4,032.0	566.00	719.5	-232.4	-92.5	1.50	-1.50	0.00
4,200.0	5.26	342.10	4,119.7	478.33	728.2	-235.2	-93.6	1.50	-1.50	0.00
4,300.0	3.76	342.10	4,219.4	378.64	735.7	-237.6	-94.6	1.50	-1.50	0.00
4,400.0	2.26	342.10	4,319.2	278.78	740.6	-239.2	-95.2	1.50	-1.50	0.00
4,500.0	0.76	342.10	4,419.2	178.82	743.1	-240.0	-95.5	1.50	-1.50	0.00

Planning Report



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Well:	ANSCHUTZ STATE #5-62-25-1080XBH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PROPOSAL #2		

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)
EOD TO VERTICAL										
4,550.5	0.00	0.00	4,469.7	128.33	743.5	-240.1	-95.6	1.50	-1.50	0.00
4,600.0	0.00	43.06	4,519.2	78.82	743.5	-240.1	-95.6	0.00	0.00	0.00
SHANNON										
4,682.8	0.00	43.06	4,602.0	-4.00	743.5	-240.1	-95.6	0.00	0.00	0.00
4,700.0	0.00	43.06	4,619.2	-21.18	743.5	-240.1	-95.6	0.00	0.00	0.00
4,800.0	0.00	43.06	4,719.2	-121.18	743.5	-240.1	-95.6	0.00	0.00	0.00
4,900.0	0.00	43.06	4,819.2	-221.18	743.5	-240.1	-95.6	0.00	0.00	0.00
5,000.0	0.00	43.06	4,919.2	-321.18	743.5	-240.1	-95.6	0.00	0.00	0.00
5,100.0	0.00	43.06	5,019.2	-421.18	743.5	-240.1	-95.6	0.00	0.00	0.00
5,200.0	0.00	43.06	5,119.2	-521.18	743.5	-240.1	-95.6	0.00	0.00	0.00
5,300.0	0.00	43.06	5,219.2	-621.18	743.5	-240.1	-95.5	0.00	0.00	0.00
5,400.0	0.00	43.06	5,319.2	-721.18	743.5	-240.1	-95.5	0.00	0.00	0.00
5,500.0	0.00	43.06	5,419.2	-821.18	743.5	-240.1	-95.5	0.00	0.00	0.00
5,600.0	0.00	43.06	5,519.2	-921.18	743.5	-240.1	-95.5	0.00	0.00	0.00
5,700.0	0.00	43.06	5,619.2	-1,021.18	743.5	-240.1	-95.5	0.00	0.00	0.00
KOP (11°/100ft BUR)										
5,720.0	0.00	43.06	5,639.2	-1,041.18	743.5	-240.1	-95.5	0.00	0.00	0.00
5,800.0	8.80	88.33	5,718.9	-1,120.87	743.7	-234.0	-89.5	11.00	11.00	56.58
5,900.0	19.80	88.34	5,815.6	-1,217.62	744.4	-209.3	-65.1	11.00	11.00	0.01
SHARON SPRINGS										
5,918.6	21.85	88.34	5,833.0	-1,235.00	744.6	-202.7	-58.6	11.00	11.00	0.01
6,000.0	30.80	88.34	5,905.9	-1,307.89	745.6	-166.7	-23.0	11.00	11.00	0.00
NIOBRARA										
6,070.7	38.58	88.34	5,964.0	-1,366.00	746.8	-126.5	16.7	11.00	11.00	0.00
6,100.0	41.80	88.34	5,986.4	-1,388.36	747.3	-107.6	35.3	11.00	11.00	0.00
A CHALK										
6,125.6	44.61	88.34	6,005.0	-1,407.00	747.9	-90.1	52.6	11.00	11.00	0.00
A MARL										
6,147.1	46.98	88.34	6,020.0	-1,422.00	748.3	-74.7	67.8	11.00	11.00	0.00
6,200.0	52.80	88.34	6,054.1	-1,456.07	749.5	-34.2	107.8	11.00	11.00	0.00
B2 CHALK										
6,220.3	55.03	88.34	6,066.0	-1,468.00	749.9	-17.9	123.9	11.00	11.00	0.00
6,300.0	63.80	88.35	6,106.5	-1,508.54	751.9	50.7	191.6	11.00	11.00	0.00
B2 MARL										
6,330.0	67.10	88.35	6,119.0	-1,521.00	752.7	77.9	218.5	11.00	11.00	0.00
C CHALK										
6,396.8	74.45	88.35	6,141.0	-1,543.00	754.5	141.0	280.8	11.00	11.00	0.00
6,400.0	74.80	88.35	6,141.8	-1,543.84	754.6	144.0	283.8	11.00	11.00	0.00
6,500.0	85.80	88.35	6,158.7	-1,560.67	757.5	242.4	381.0	11.00	11.00	0.00
LP (P2) - AS #5-62-25-1080XBH										
6,546.6	90.92	88.35	6,160.0	-1,562.00	758.8	289.0	426.9	11.00	11.00	0.00
6,600.0	90.93	88.35	6,159.1	-1,561.14	760.3	342.3	479.6	0.01	0.01	0.00
6,700.0	90.93	88.35	6,157.5	-1,559.52	763.2	442.3	578.3	0.00	0.00	0.00
6,800.0	90.93	88.35	6,155.9	-1,557.90	766.1	542.2	677.0	0.00	0.00	0.00
6,900.0	90.93	88.35	6,154.3	-1,556.28	769.0	642.2	775.7	0.00	0.00	0.00
7,000.0	90.93	88.35	6,152.7	-1,554.66	771.9	742.1	874.4	0.00	0.00	0.00
7,100.0	90.93	88.35	6,151.0	-1,553.04	774.8	842.1	973.1	0.00	0.00	0.00
7,200.0	90.93	88.35	6,149.4	-1,551.42	777.7	942.0	1,071.8	0.00	0.00	0.00
7,300.0	90.93	88.34	6,147.8	-1,549.80	780.5	1,041.9	1,170.5	0.00	0.00	0.00
7,400.0	90.93	88.34	6,146.2	-1,548.18	783.4	1,141.9	1,269.2	0.00	0.00	0.00
7,500.0	90.93	88.34	6,144.6	-1,546.56	786.3	1,241.8	1,367.9	0.00	0.00	0.00

Planning Report



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Site:	SEC 25 T5N R62W 6th P.M.	North Reference:	True
Well:	ANSCHUTZ STATE #5-62-25-1080XBH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PROPOSAL #2		

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)
7,600.0	90.93	88.34	6,142.9	-1,544.94	789.2	1,341.8	1,466.6	0.00	0.00	0.00
7,700.0	90.93	88.34	6,141.3	-1,543.32	792.1	1,441.7	1,565.3	0.00	0.00	0.00
7,800.0	90.93	88.34	6,139.7	-1,541.70	795.0	1,541.7	1,664.0	0.00	0.00	0.00
7,900.0	90.93	88.34	6,138.1	-1,540.07	797.9	1,641.6	1,762.7	0.00	0.00	0.00
8,000.0	90.93	88.34	6,136.5	-1,538.45	800.8	1,741.6	1,861.4	0.00	0.00	0.00
8,100.0	90.93	88.34	6,134.8	-1,536.83	803.7	1,841.5	1,960.1	0.00	0.00	0.00
8,200.0	90.93	88.34	6,133.2	-1,535.21	806.6	1,941.5	2,058.8	0.00	0.00	0.00
8,300.0	90.93	88.34	6,131.6	-1,533.59	809.5	2,041.4	2,157.4	0.00	0.00	0.00
8,400.0	90.93	88.34	6,130.0	-1,531.96	812.3	2,141.3	2,256.1	0.00	0.00	0.00
8,500.0	90.93	88.34	6,128.3	-1,530.34	815.2	2,241.3	2,354.8	0.00	0.00	0.00
8,600.0	90.93	88.34	6,126.7	-1,528.72	818.1	2,341.2	2,453.5	0.00	0.00	0.00
8,700.0	90.93	88.34	6,125.1	-1,527.10	821.0	2,441.2	2,552.2	0.00	0.00	0.00
8,800.0	90.93	88.34	6,123.5	-1,525.47	823.9	2,541.1	2,650.9	0.00	0.00	0.00
8,900.0	90.93	88.34	6,121.9	-1,523.85	826.8	2,641.1	2,749.6	0.00	0.00	0.00
9,000.0	90.93	88.34	6,120.2	-1,522.23	829.7	2,741.0	2,848.3	0.00	0.00	0.00
9,100.0	90.93	88.34	6,118.6	-1,520.60	832.6	2,841.0	2,947.0	0.00	0.00	0.00
9,200.0	90.93	88.34	6,117.0	-1,518.98	835.5	2,940.9	3,045.7	0.00	0.00	0.00
9,300.0	90.93	88.34	6,115.4	-1,517.36	838.4	3,040.8	3,144.4	0.00	0.00	0.00
9,400.0	90.93	88.34	6,113.7	-1,515.73	841.3	3,140.8	3,243.1	0.00	0.00	0.00
9,500.0	90.93	88.34	6,112.1	-1,514.11	844.2	3,240.7	3,341.8	0.00	0.00	0.00
9,600.0	90.93	88.34	6,110.5	-1,512.49	847.1	3,340.7	3,440.5	0.00	0.00	0.00
9,700.0	90.93	88.34	6,108.9	-1,510.86	850.0	3,440.6	3,539.2	0.00	0.00	0.00
9,800.0	90.93	88.34	6,107.2	-1,509.24	852.9	3,540.6	3,637.9	0.00	0.00	0.00
9,900.0	90.93	88.34	6,105.6	-1,507.61	855.8	3,640.5	3,736.6	0.00	0.00	0.00
10,000.0	90.93	88.34	6,104.0	-1,505.99	858.7	3,740.5	3,835.3	0.00	0.00	0.00
10,100.0	90.93	88.34	6,102.4	-1,504.36	861.6	3,840.4	3,934.0	0.00	0.00	0.00
10,200.0	90.93	88.34	6,100.7	-1,502.74	864.5	3,940.4	4,032.7	0.00	0.00	0.00
10,300.0	90.93	88.34	6,099.1	-1,501.11	867.4	4,040.3	4,131.4	0.00	0.00	0.00
10,400.0	90.93	88.34	6,097.5	-1,499.48	870.3	4,140.2	4,230.1	0.00	0.00	0.00
10,500.0	90.93	88.33	6,095.9	-1,497.86	873.2	4,240.2	4,328.8	0.00	0.00	0.00
10,600.0	90.93	88.33	6,094.2	-1,496.23	876.1	4,340.1	4,427.5	0.00	0.00	0.00
10,700.0	90.93	88.33	6,092.6	-1,494.61	879.1	4,440.1	4,526.2	0.00	0.00	0.00
10,800.0	90.93	88.33	6,091.0	-1,492.98	882.0	4,540.0	4,624.9	0.00	0.00	0.00
BHL (P2) - AS #5-62-25-1080XBH										
10,860.2	90.93	88.33	6,090.0	-1,492.00	883.7	4,600.2	4,684.3	0.00	0.00	0.00

Formations

MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,111.9	4,032.0	TERRY/SUSSEX		0.00	
4,682.8	4,602.0	SHANNON		0.00	
5,918.6	5,833.0	SHARON SPRINGS		0.00	
6,070.7	5,964.0	NIOBRARA		0.00	
6,125.6	6,005.0	A CHALK		0.00	
6,147.1	6,020.0	A MARL		0.00	
6,220.3	6,066.0	B2 CHALK		0.00	
6,330.0	6,119.0	B2 MARL		0.00	
6,396.8	6,141.0	C CHALK		0.00	

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well ANSCHUTZ STATE #5-62-25-1080XBH - Slot AS 5-62-25-1080XBH
Company:	BILL BARRETT CORPORATION	TVD Reference:	KB-EST @ 4598.0usft
Project:	WELD COUNTY, COLORADO	MD Reference:	KB-EST @ 4598.0usft
Site:	SEC 25 T5N R62W 6th P.M.	North Reference:	True
Well:	ANSCHUTZ STATE #5-62-25-1080XBH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PROPOSAL #2		

Plan Annotations

MD (usft)	TVD (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
300.0	300.0	0.0	0.0	START NUDGE (2.5°/100ft BUR)
804.1	800.0	52.5	-17.0	SURFACE CASING
3,710.4	3,636.3	655.9	-211.9	END OF TANGENT
4,550.5	4,469.7	743.5	-240.1	EOD TO VERTICAL
5,720.0	5,639.2	743.5	-240.1	KOP (11°/100ft BUR)
6,546.6	6,160.0	758.8	289.0	LP (P2) - AS #5-62-25-1080XBH
10,860.2	6,090.0	883.7	4,600.2	BHL (P2) - AS #5-62-25-1080XBH