

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

5N-66W-07 BOST FARM 5-7 PAD

BOST FARM 30N-11C-L

Wellbore #1

Plan: Design #1

Standard Planning Report

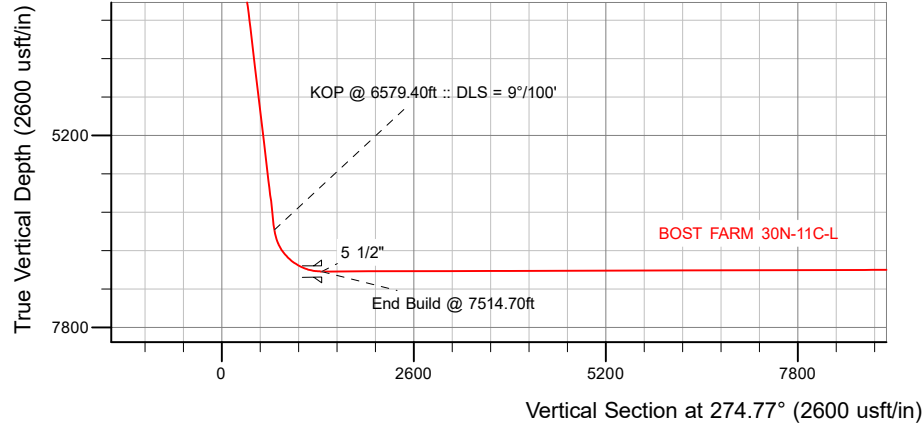
28 December, 2017

Project: WELD COUNTY (NAD83, TRUE NORTH)
Site: 5N-66W-07 BOST FARM 5-7 PAD
Well: BOST FARM 30N-11C-L
Wellbore: Wellbore #1
Design: Design #1

SRC ENERGY

CASING DETAILS

TVD	MD	Name	Size
1750.00	1769.59	9 5/8"	9-5/8
7043.00	7514.70	5 1/2"	5-1/2



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	
3	775.00	10.50	324.75	772.07	39.18	-27.69	2.00	324.75	30.85	
4	6579.40	10.50	324.75	6479.27	902.99	-638.17	0.00	0.00	710.99	
5	7514.70	90.16	269.65	7043.00	985.04	-1273.63	9.00	-55.53	1351.07	
6	17334.07	90.16	269.65	7015.00	924.90	-11092.78	0.00	0.00	1131.28	BOST FARM 30N-11C-L_BHL

WELLBORE TARGET DETAILS (LAT/LONG)

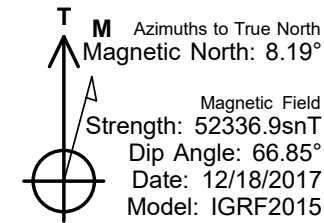
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
BOST FARM 30N-11C-L_SHL	0.00	0.00	0.00	40.417917	-104.828363
BOST FARM 30N-11C-L_BHL	7015.00	924.90	-11092.78	40.420449	-104.868204

SHL
1315' FNL
1121' FWL

LP
355' FNL
150' FEL
40.420593° Lat
-104.832946° Long

BHL
307' FNL
460' FWL

West(-)/East(+) (1600 usft/in)



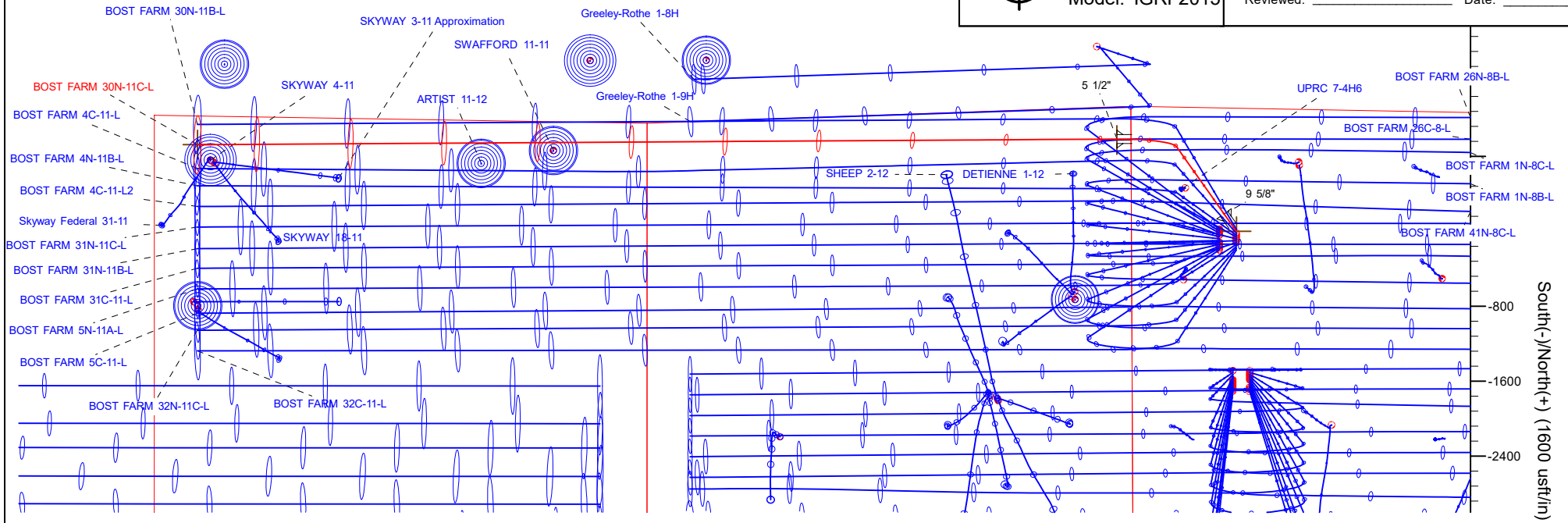
WELL DETAILS: BOST FARM 30N-11C-L

GL = 4878'

RKB = 20' @ 4898.00usft (PD 462)

Plan: Design #1 (BOST FARM 30N-11C-L/Wellbore #1)

Created By: _____ Date: 12/28/2017
Reviewed: _____ Date: _____



Hewlett-Packard

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 30N-11C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 30N-11C-L	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	WELD COUNTY (NAD83, TRUE NORTH)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		5N-66W-07 BOST FARM 5-7 PAD			
Site Position:		Northing:	1,395,815.76 usft	Latitude:	40.417972
From:	Lat/Long	Easting:	3,187,006.76 usft	Longitude:	-104.828362
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.43 °

Well		BOST FARM 30N-11C-L				
Well Position	+N/-S	-20.04 usft	Northing:	1,395,795.72 usft	Latitude:	40.417917
	+E/-W	-0.28 usft	Easting:	3,187,006.64 usft	Longitude:	-104.828363
Position Uncertainty		3.28 usft	Wellhead Elevation:		Ground Level:	4,878.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/18/2017	8.19	66.85	52,336.93431638

Design	Design #1				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	274.77	

Plan Survey Tool Program	Date	12/28/2017			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2	
				Fixed:v2:crustal field declinatio	
2	1,750.00	17,334.07	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2	
				Fixed:v2:crustal field declinatio	

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00	
775.00	10.50	324.75	772.07	39.18	-27.69	2.00	2.00	0.00	324.75	
6,579.40	10.50	324.75	6,479.27	902.99	-638.17	0.00	0.00	0.00	0.00	
7,514.70	90.16	269.65	7,043.00	985.04	-1,273.63	9.00	8.52	-5.89	-55.53	
17,334.08	90.16	269.65	7,015.00	924.90	-11,092.78	0.00	0.00	0.00	0.00	BOST FARM 30N-11C

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 30N-11C-L	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
Begin Nudge @ 250.00ft									
300.00	1.00	324.75	300.00	0.36	-0.25	0.28	2.00	2.00	0.00
400.00	3.00	324.75	399.93	3.21	-2.27	2.52	2.00	2.00	0.00
500.00	5.00	324.75	499.68	8.90	-6.29	7.01	2.00	2.00	0.00
600.00	7.00	324.75	599.13	17.44	-12.32	13.73	2.00	2.00	0.00
700.00	9.00	324.75	698.15	28.80	-20.36	22.68	2.00	2.00	0.00
775.00	10.50	324.75	772.07	39.18	-27.69	30.85	2.00	2.00	0.00
End Nudge @ 775.00ft									
800.00	10.50	324.75	796.65	42.90	-30.32	33.78	0.00	0.00	0.00
900.00	10.50	324.75	894.97	57.78	-40.83	45.49	0.00	0.00	0.00
1,000.00	10.50	324.75	993.30	72.66	-51.35	57.21	0.00	0.00	0.00
1,100.00	10.50	324.75	1,091.62	87.54	-61.87	68.93	0.00	0.00	0.00
1,200.00	10.50	324.75	1,189.95	102.42	-72.39	80.65	0.00	0.00	0.00
1,300.00	10.50	324.75	1,288.28	117.31	-82.90	92.36	0.00	0.00	0.00
1,400.00	10.50	324.75	1,386.60	132.19	-93.42	104.08	0.00	0.00	0.00
1,500.00	10.50	324.75	1,484.93	147.07	-103.94	115.80	0.00	0.00	0.00
1,600.00	10.50	324.75	1,583.25	161.95	-114.46	127.52	0.00	0.00	0.00
1,700.00	10.50	324.75	1,681.58	176.83	-124.97	139.24	0.00	0.00	0.00
1,769.59	10.50	324.75	1,750.00	187.19	-132.29	147.39	0.00	0.00	0.00
9 5/8"									
1,800.00	10.50	324.75	1,779.90	191.72	-135.49	150.95	0.00	0.00	0.00
1,900.00	10.50	324.75	1,878.23	206.60	-146.01	162.67	0.00	0.00	0.00
2,000.00	10.50	324.75	1,976.55	221.48	-156.53	174.39	0.00	0.00	0.00
2,100.00	10.50	324.75	2,074.88	236.36	-167.04	186.11	0.00	0.00	0.00
2,200.00	10.50	324.75	2,173.20	251.25	-177.56	197.82	0.00	0.00	0.00
2,300.00	10.50	324.75	2,271.53	266.13	-188.08	209.54	0.00	0.00	0.00
2,400.00	10.50	324.75	2,369.86	281.01	-198.60	221.26	0.00	0.00	0.00
2,500.00	10.50	324.75	2,468.18	295.89	-209.12	232.98	0.00	0.00	0.00
2,600.00	10.50	324.75	2,566.51	310.77	-219.63	244.70	0.00	0.00	0.00
2,700.00	10.50	324.75	2,664.83	325.66	-230.15	256.41	0.00	0.00	0.00
2,800.00	10.50	324.75	2,763.16	340.54	-240.67	268.13	0.00	0.00	0.00
2,900.00	10.50	324.75	2,861.48	355.42	-251.19	279.85	0.00	0.00	0.00
3,000.00	10.50	324.75	2,959.81	370.30	-261.70	291.57	0.00	0.00	0.00
3,100.00	10.50	324.75	3,058.13	385.18	-272.22	303.28	0.00	0.00	0.00
3,200.00	10.50	324.75	3,156.46	400.07	-282.74	315.00	0.00	0.00	0.00
3,300.00	10.50	324.75	3,254.79	414.95	-293.26	326.72	0.00	0.00	0.00
3,400.00	10.50	324.75	3,353.11	429.83	-303.77	338.44	0.00	0.00	0.00
3,500.00	10.50	324.75	3,451.44	444.71	-314.29	350.16	0.00	0.00	0.00
3,600.00	10.50	324.75	3,549.76	459.59	-324.81	361.87	0.00	0.00	0.00
3,700.00	10.50	324.75	3,648.09	474.48	-335.33	373.59	0.00	0.00	0.00
3,800.00	10.50	324.75	3,746.41	489.36	-345.84	385.31	0.00	0.00	0.00
3,900.00	10.50	324.75	3,844.74	504.24	-356.36	397.03	0.00	0.00	0.00
4,000.00	10.50	324.75	3,943.06	519.12	-366.88	408.74	0.00	0.00	0.00
4,100.00	10.50	324.75	4,041.39	534.01	-377.40	420.46	0.00	0.00	0.00
4,200.00	10.50	324.75	4,139.71	548.89	-387.92	432.18	0.00	0.00	0.00
4,300.00	10.50	324.75	4,238.04	563.77	-398.43	443.90	0.00	0.00	0.00
4,400.00	10.50	324.75	4,336.37	578.65	-408.95	455.62	0.00	0.00	0.00
4,500.00	10.50	324.75	4,434.69	593.53	-419.47	467.33	0.00	0.00	0.00
4,600.00	10.50	324.75	4,533.02	608.42	-429.99	479.05	0.00	0.00	0.00

Hewlett-Packard

Planning Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 30N-11C-L	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)
4,700.00	10.50	324.75	4,631.34	623.30	-440.50	490.77	0.00	0.00	0.00
4,800.00	10.50	324.75	4,729.67	638.18	-451.02	502.49	0.00	0.00	0.00
4,900.00	10.50	324.75	4,827.99	653.06	-461.54	514.20	0.00	0.00	0.00
5,000.00	10.50	324.75	4,926.32	667.94	-472.06	525.92	0.00	0.00	0.00
5,100.00	10.50	324.75	5,024.64	682.83	-482.57	537.64	0.00	0.00	0.00
5,200.00	10.50	324.75	5,122.97	697.71	-493.09	549.36	0.00	0.00	0.00
5,300.00	10.50	324.75	5,221.29	712.59	-503.61	561.08	0.00	0.00	0.00
5,400.00	10.50	324.75	5,319.62	727.47	-514.13	572.79	0.00	0.00	0.00
5,500.00	10.50	324.75	5,417.95	742.35	-524.64	584.51	0.00	0.00	0.00
5,600.00	10.50	324.75	5,516.27	757.24	-535.16	596.23	0.00	0.00	0.00
5,700.00	10.50	324.75	5,614.60	772.12	-545.68	607.95	0.00	0.00	0.00
5,800.00	10.50	324.75	5,712.92	787.00	-556.20	619.66	0.00	0.00	0.00
5,900.00	10.50	324.75	5,811.25	801.88	-566.72	631.38	0.00	0.00	0.00
6,000.00	10.50	324.75	5,909.57	816.77	-577.23	643.10	0.00	0.00	0.00
6,100.00	10.50	324.75	6,007.90	831.65	-587.75	654.82	0.00	0.00	0.00
6,200.00	10.50	324.75	6,106.22	846.53	-598.27	666.54	0.00	0.00	0.00
6,300.00	10.50	324.75	6,204.55	861.41	-608.79	678.25	0.00	0.00	0.00
6,400.00	10.50	324.75	6,302.88	876.29	-619.30	689.97	0.00	0.00	0.00
6,500.00	10.50	324.75	6,401.20	891.18	-629.82	701.69	0.00	0.00	0.00
6,579.40	10.50	324.75	6,479.27	902.99	-638.17	710.99	0.00	0.00	0.00
KOP @ 6579.40ft :: DLS = 9°/100'									
6,600.00	11.65	317.16	6,499.49	906.05	-640.67	713.74	9.00	5.58	-36.85
6,650.00	15.03	304.15	6,548.14	913.39	-649.47	723.12	9.00	6.76	-26.02
6,700.00	18.87	296.07	6,595.97	920.59	-662.11	736.31	9.00	7.69	-16.16
6,750.00	22.95	290.71	6,642.67	927.59	-678.50	753.22	9.00	8.15	-10.73
6,800.00	27.15	286.91	6,687.96	934.36	-698.54	773.76	9.00	8.41	-7.60
6,850.00	31.44	284.07	6,731.56	940.85	-722.12	797.79	9.00	8.56	-5.68
6,900.00	35.77	281.85	6,773.19	947.03	-749.08	825.18	9.00	8.66	-4.43
6,950.00	40.13	280.06	6,812.61	952.85	-779.26	855.74	9.00	8.73	-3.59
7,000.00	44.52	278.56	6,849.58	958.27	-812.47	889.29	9.00	8.77	-2.99
7,050.00	48.92	277.29	6,883.85	963.28	-848.52	925.62	9.00	8.81	-2.56
7,100.00	53.33	276.17	6,915.22	967.82	-887.17	964.51	9.00	8.83	-2.23
7,150.00	57.76	275.17	6,943.50	971.89	-928.18	1,005.73	9.00	8.85	-1.99
7,200.00	62.19	274.27	6,968.52	975.44	-971.32	1,049.00	9.00	8.86	-1.81
7,250.00	66.63	273.44	6,990.11	978.47	-1,016.30	1,094.08	9.00	8.87	-1.66
7,300.00	71.07	272.66	7,008.15	980.95	-1,062.85	1,140.68	9.00	8.88	-1.56
7,350.00	75.51	271.92	7,022.52	982.86	-1,110.69	1,188.51	9.00	8.89	-1.47
7,400.00	79.96	271.22	7,033.14	984.19	-1,159.52	1,237.28	9.00	8.89	-1.42
7,450.00	84.41	270.53	7,039.94	984.94	-1,209.03	1,286.69	9.00	8.90	-1.38
7,500.00	88.86	269.85	7,042.87	985.11	-1,258.93	1,336.43	9.00	8.90	-1.36
7,514.70	90.16	269.65	7,043.00	985.04	-1,273.63	1,351.07	9.00	8.90	-1.35
End Build @ 7514.70ft - 5 1/2"									
7,600.00	90.16	269.65	7,042.76	984.52	-1,358.93	1,436.03	0.00	0.00	0.00
7,700.00	90.16	269.65	7,042.47	983.91	-1,458.93	1,535.63	0.00	0.00	0.00
7,800.00	90.16	269.65	7,042.19	983.30	-1,558.93	1,635.24	0.00	0.00	0.00
7,900.00	90.16	269.65	7,041.90	982.68	-1,658.92	1,734.84	0.00	0.00	0.00
8,000.00	90.16	269.65	7,041.62	982.07	-1,758.92	1,834.44	0.00	0.00	0.00
8,100.00	90.16	269.65	7,041.33	981.46	-1,858.92	1,934.04	0.00	0.00	0.00
8,200.00	90.16	269.65	7,041.05	980.85	-1,958.92	2,033.64	0.00	0.00	0.00
8,300.00	90.16	269.65	7,040.76	980.23	-2,058.92	2,133.24	0.00	0.00	0.00
8,400.00	90.16	269.65	7,040.48	979.62	-2,158.91	2,232.84	0.00	0.00	0.00
8,500.00	90.16	269.65	7,040.19	979.01	-2,258.91	2,332.44	0.00	0.00	0.00
8,600.00	90.16	269.65	7,039.90	978.40	-2,358.91	2,432.04	0.00	0.00	0.00
8,700.00	90.16	269.65	7,039.62	977.78	-2,458.91	2,531.65	0.00	0.00	0.00

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Planning Report

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Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4898.00usft (PD 462)
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Well:	BOST FARM 30N-11C-L	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)	
8,800.00	90.16	269.65	7,039.33	977.17	-2,558.90	2,631.25	0.00	0.00	0.00	
8,900.00	90.16	269.65	7,039.05	976.56	-2,658.90	2,730.85	0.00	0.00	0.00	
9,000.00	90.16	269.65	7,038.76	975.95	-2,758.90	2,830.45	0.00	0.00	0.00	
9,100.00	90.16	269.65	7,038.48	975.33	-2,858.90	2,930.05	0.00	0.00	0.00	
9,200.00	90.16	269.65	7,038.19	974.72	-2,958.89	3,029.65	0.00	0.00	0.00	
9,300.00	90.16	269.65	7,037.91	974.11	-3,058.89	3,129.25	0.00	0.00	0.00	
9,400.00	90.16	269.65	7,037.62	973.50	-3,158.89	3,228.85	0.00	0.00	0.00	
9,500.00	90.16	269.65	7,037.34	972.88	-3,258.89	3,328.45	0.00	0.00	0.00	
9,600.00	90.16	269.65	7,037.05	972.27	-3,358.89	3,428.06	0.00	0.00	0.00	
9,700.00	90.16	269.65	7,036.77	971.66	-3,458.88	3,527.66	0.00	0.00	0.00	
9,800.00	90.16	269.65	7,036.48	971.05	-3,558.88	3,627.26	0.00	0.00	0.00	
9,900.00	90.16	269.65	7,036.20	970.43	-3,658.88	3,726.86	0.00	0.00	0.00	
10,000.00	90.16	269.65	7,035.91	969.82	-3,758.88	3,826.46	0.00	0.00	0.00	
10,100.00	90.16	269.65	7,035.63	969.21	-3,858.87	3,926.06	0.00	0.00	0.00	
10,200.00	90.16	269.65	7,035.34	968.60	-3,958.87	4,025.66	0.00	0.00	0.00	
10,300.00	90.16	269.65	7,035.06	967.98	-4,058.87	4,125.26	0.00	0.00	0.00	
10,400.00	90.16	269.65	7,034.77	967.37	-4,158.87	4,224.86	0.00	0.00	0.00	
10,500.00	90.16	269.65	7,034.49	966.76	-4,258.87	4,324.46	0.00	0.00	0.00	
10,600.00	90.16	269.65	7,034.20	966.15	-4,358.86	4,424.07	0.00	0.00	0.00	
10,700.00	90.16	269.65	7,033.92	965.53	-4,458.86	4,523.67	0.00	0.00	0.00	
10,800.00	90.16	269.65	7,033.63	964.92	-4,558.86	4,623.27	0.00	0.00	0.00	
10,900.00	90.16	269.65	7,033.35	964.31	-4,658.86	4,722.87	0.00	0.00	0.00	
11,000.00	90.16	269.65	7,033.06	963.70	-4,758.85	4,822.47	0.00	0.00	0.00	
11,100.00	90.16	269.65	7,032.78	963.08	-4,858.85	4,922.07	0.00	0.00	0.00	
11,200.00	90.16	269.65	7,032.49	962.47	-4,958.85	5,021.67	0.00	0.00	0.00	
11,300.00	90.16	269.65	7,032.21	961.86	-5,058.85	5,121.27	0.00	0.00	0.00	
11,400.00	90.16	269.65	7,031.92	961.25	-5,158.84	5,220.87	0.00	0.00	0.00	
11,500.00	90.16	269.65	7,031.64	960.63	-5,258.84	5,320.48	0.00	0.00	0.00	
11,600.00	90.16	269.65	7,031.35	960.02	-5,358.84	5,420.08	0.00	0.00	0.00	
11,700.00	90.16	269.65	7,031.07	959.41	-5,458.84	5,519.68	0.00	0.00	0.00	
11,800.00	90.16	269.65	7,030.78	958.80	-5,558.84	5,619.28	0.00	0.00	0.00	
11,900.00	90.16	269.65	7,030.50	958.18	-5,658.83	5,718.88	0.00	0.00	0.00	
12,000.00	90.16	269.65	7,030.21	957.57	-5,758.83	5,818.48	0.00	0.00	0.00	
12,100.00	90.16	269.65	7,029.92	956.96	-5,858.83	5,918.08	0.00	0.00	0.00	
12,200.00	90.16	269.65	7,029.64	956.35	-5,958.83	6,017.68	0.00	0.00	0.00	
12,300.00	90.16	269.65	7,029.35	955.73	-6,058.82	6,117.28	0.00	0.00	0.00	
12,400.00	90.16	269.65	7,029.07	955.12	-6,158.82	6,216.88	0.00	0.00	0.00	
12,500.00	90.16	269.65	7,028.78	954.51	-6,258.82	6,316.49	0.00	0.00	0.00	
12,600.00	90.16	269.65	7,028.50	953.90	-6,358.82	6,416.09	0.00	0.00	0.00	
12,700.00	90.16	269.65	7,028.21	953.29	-6,458.81	6,515.69	0.00	0.00	0.00	
12,800.00	90.16	269.65	7,027.93	952.67	-6,558.81	6,615.29	0.00	0.00	0.00	
12,900.00	90.16	269.65	7,027.64	952.06	-6,658.81	6,714.89	0.00	0.00	0.00	
13,000.00	90.16	269.65	7,027.36	951.45	-6,758.81	6,814.49	0.00	0.00	0.00	
13,100.00	90.16	269.65	7,027.07	950.84	-6,858.81	6,914.09	0.00	0.00	0.00	
13,200.00	90.16	269.65	7,026.79	950.22	-6,958.80	7,013.69	0.00	0.00	0.00	
13,300.00	90.16	269.65	7,026.50	949.61	-7,058.80	7,113.29	0.00	0.00	0.00	
13,400.00	90.16	269.65	7,026.22	949.00	-7,158.80	7,212.90	0.00	0.00	0.00	
13,500.00	90.16	269.65	7,025.93	948.39	-7,258.80	7,312.50	0.00	0.00	0.00	
13,600.00	90.16	269.65	7,025.65	947.77	-7,358.79	7,412.10	0.00	0.00	0.00	
13,700.00	90.16	269.65	7,025.36	947.16	-7,458.79	7,511.70	0.00	0.00	0.00	
13,800.00	90.16	269.65	7,025.08	946.55	-7,558.79	7,611.30	0.00	0.00	0.00	
13,900.00	90.16	269.65	7,024.79	945.94	-7,658.79	7,710.90	0.00	0.00	0.00	
14,000.00	90.16	269.65	7,024.51	945.32	-7,758.79	7,810.50	0.00	0.00	0.00	
14,100.00	90.16	269.65	7,024.22	944.71	-7,858.78	7,910.10	0.00	0.00	0.00	

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Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 30N-11C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 30N-11C-L	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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)
14,200.00	90.16	269.65	7,023.94	944.10	-7,958.78	8,009.70	0.00	0.00	0.00
14,300.00	90.16	269.65	7,023.65	943.49	-8,058.78	8,109.31	0.00	0.00	0.00
14,400.00	90.16	269.65	7,023.37	942.87	-8,158.78	8,208.91	0.00	0.00	0.00
14,500.00	90.16	269.65	7,023.08	942.26	-8,258.77	8,308.51	0.00	0.00	0.00
14,600.00	90.16	269.65	7,022.80	941.65	-8,358.77	8,408.11	0.00	0.00	0.00
14,700.00	90.16	269.65	7,022.51	941.04	-8,458.77	8,507.71	0.00	0.00	0.00
14,800.00	90.16	269.65	7,022.23	940.42	-8,558.77	8,607.31	0.00	0.00	0.00
14,900.00	90.16	269.65	7,021.94	939.81	-8,658.76	8,706.91	0.00	0.00	0.00
15,000.00	90.16	269.65	7,021.66	939.20	-8,758.76	8,806.51	0.00	0.00	0.00
15,100.00	90.16	269.65	7,021.37	938.59	-8,858.76	8,906.11	0.00	0.00	0.00
15,200.00	90.16	269.65	7,021.09	937.97	-8,958.76	9,005.71	0.00	0.00	0.00
15,300.00	90.16	269.65	7,020.80	937.36	-9,058.76	9,105.32	0.00	0.00	0.00
15,400.00	90.16	269.65	7,020.52	936.75	-9,158.75	9,204.92	0.00	0.00	0.00
15,500.00	90.16	269.65	7,020.23	936.14	-9,258.75	9,304.52	0.00	0.00	0.00
15,600.00	90.16	269.65	7,019.94	935.52	-9,358.75	9,404.12	0.00	0.00	0.00
15,700.00	90.16	269.65	7,019.66	934.91	-9,458.75	9,503.72	0.00	0.00	0.00
15,800.00	90.16	269.65	7,019.37	934.30	-9,558.74	9,603.32	0.00	0.00	0.00
15,900.00	90.16	269.65	7,019.09	933.69	-9,658.74	9,702.92	0.00	0.00	0.00
16,000.00	90.16	269.65	7,018.80	933.07	-9,758.74	9,802.52	0.00	0.00	0.00
16,100.00	90.16	269.65	7,018.52	932.46	-9,858.74	9,902.12	0.00	0.00	0.00
16,200.00	90.16	269.65	7,018.23	931.85	-9,958.74	10,001.73	0.00	0.00	0.00
16,300.00	90.16	269.65	7,017.95	931.24	-10,058.73	10,101.33	0.00	0.00	0.00
16,400.00	90.16	269.65	7,017.66	930.62	-10,158.73	10,200.93	0.00	0.00	0.00
16,500.00	90.16	269.65	7,017.38	930.01	-10,258.73	10,300.53	0.00	0.00	0.00
16,600.00	90.16	269.65	7,017.09	929.40	-10,358.73	10,400.13	0.00	0.00	0.00
16,700.00	90.16	269.65	7,016.81	928.79	-10,458.72	10,499.73	0.00	0.00	0.00
16,800.00	90.16	269.65	7,016.52	928.17	-10,558.72	10,599.33	0.00	0.00	0.00
16,900.00	90.16	269.65	7,016.24	927.56	-10,658.72	10,698.93	0.00	0.00	0.00
17,000.00	90.16	269.65	7,015.95	926.95	-10,758.72	10,798.53	0.00	0.00	0.00
17,100.00	90.16	269.65	7,015.67	926.34	-10,858.71	10,898.13	0.00	0.00	0.00
17,200.00	90.16	269.65	7,015.38	925.72	-10,958.71	10,997.74	0.00	0.00	0.00
17,300.00	90.16	269.65	7,015.10	925.11	-11,058.71	11,097.34	0.00	0.00	0.00
17,334.08	90.16	269.65	7,015.00	924.90	-11,092.78	11,131.28	0.00	0.00	0.00
TD Well @ 17334.07ft									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,769.59	1,750.00	9 5/8"	9-5/8	13-1/2	
7,514.70	7,043.00	5 1/2"	5-1/2	8-1/2	

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Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 30N-11C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4898.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 30N-11C-L	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
250.00	250.00	0.00	0.00	Begin Nudge @ 250.00ft
775.00	772.07	39.18	-27.69	End Nudge @ 775.00ft
6,579.40	6,479.27	902.99	-638.17	KOP @ 6579.40ft :: DLS = 9°/100'
7,514.70	7,043.00	985.04	-1,273.63	End Build @ 7514.70ft
17,334.08	7,015.00	924.90	-11,092.78	TD Well @ 17334.07ft