

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

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

BOST FARM 8N-8C-L

Wellbore #1

Plan: Design #1

Standard Planning Report

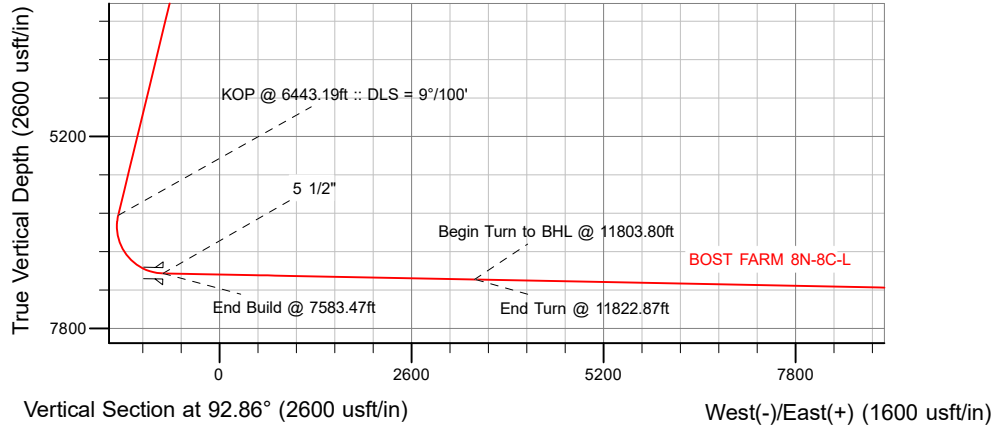
28 December, 2017

Project: WELD COUNTY (NAD83, TRUE NORTH)
 Site: 5N-66W-07 BOST FARM 5-7 PAD
 Well: BOST FARM 8N-8C-L
 Wellbore: Wellbore #1
 Design: Design #1

SRC ENERGY

CASING DETAILS

TVD	MD	Name	Size
1750.00	1782.19	9 5/8"	9-5/8
7056.00	7583.47	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	957.50	14.15	257.10	950.33	-19.40	-84.73	2.00	257.10	-83.65	
4	6443.19	14.15	257.10	6269.58	-318.79	-1391.92	0.00	0.00	-1374.26	
5	7583.47	88.88	90.72	7056.00	-372.14	-786.58	9.00	-166.04	-767.01	
6	11803.80	88.88	90.72	7138.56	-425.00	3432.61	0.00	0.00	3449.55	BOST FARM 8N-8C-L_tgt
7	11822.87	88.88	90.34	7138.93	-425.18	3451.68	2.00	-90.15	3468.61	
8	17546.55	88.88	90.34	7251.00	-458.76	9174.16	0.00	0.00	9185.62	BOST FARM 8N-8C-L_BHL

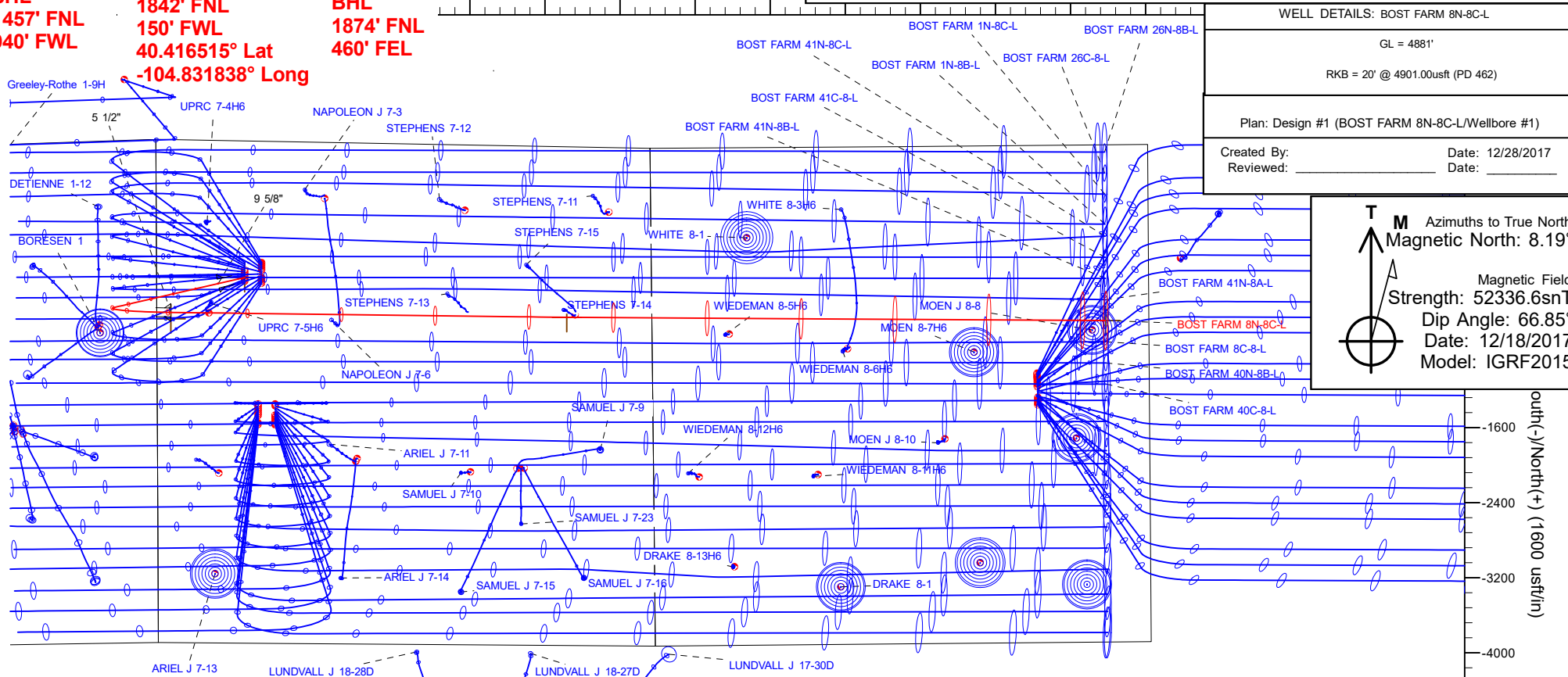
WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N-S	+E-W	Latitude	Longitude
BOST FARM 8N-8C-L_SHL	0.00	0.00	0.00	40.417537	-104.829013
BOST FARM 8N-8C-L_BHL	7251.00	-458.76	9174.16	40.416273	-104.796065

SHL
1457' FNL
940' FWL

LP
1842' FNL
150' FWL
40.416515° Lat
-104.831838° Long

BHL
1874' FNL
460' FEL



WELL DETAILS: BOST FARM 8N-8C-L

GL = 4881'

RKB = 20' @ 4901.00usft (PD 462)

Plan: Design #1 (BOST FARM 8N-8C-L/Wellbore #1)

Created By: _____ Date: 12/28/2017

Reviewed: _____ Date: _____

T Azimuths to True North
M Magnetic North: 8.19°

Magnetic Field
 Strength: 52336.6snT
 Dip Angle: 66.85°
 Date: 12/18/2017
 Model: IGRF2015

Vertical Scale: 1600 usft/in

Horizontal Scale: 1600 usft/in

Hewlett-Packard

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 8N-8C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 8N-8C-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
From:	Lat/Long	Easting:	3,187,006.76 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	40.417972
		Longitude:	-104.828362
		Grid Convergence:	0.43 °

Well BOST FARM 8N-8C-L			
Well Position	+N-S	-158.47 usft	Northing: 1,395,655.92 usft
	+E-W	-181.26 usft	Easting: 3,186,826.71 usft
Position Uncertainty		3.28 usft	Wellhead Elevation:
			Latitude: 40.417537
			Longitude: -104.829013
			Ground Level: 4,881.00 usft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/18/2017	8.19	66.85	52,336.64473531

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	92.86

Plan Survey Tool Program		Date 12/27/2017			
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	17,546.55	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2	Fixed:v2:crustal field declinatio

Hewlett-Packard

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Well:	BOST FARM 8N-8C-L	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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	
957.50	14.15	257.10	950.33	-19.40	-84.73	2.00	2.00	0.00	257.10	
6,443.19	14.15	257.10	6,269.58	-318.79	-1,391.92	0.00	0.00	0.00	0.00	
7,583.47	88.88	90.72	7,056.00	-372.14	-786.58	9.00	6.55	-14.59	-166.04	
11,803.80	88.88	90.72	7,138.56	-425.00	3,432.61	0.00	0.00	0.00	0.00	BOST FARM 8N-8C-L
11,822.87	88.88	90.34	7,138.93	-425.18	3,451.68	2.00	-0.01	-2.00	-90.15	
17,546.55	88.88	90.34	7,251.00	-458.76	9,174.16	0.00	0.00	0.00	0.00	BOST FARM 8N-8C-L

Hewlett-Packard

Planning Report

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Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 8N-8C-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	0.00
100.00	0.00	0.00	100.00	0.00	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	0.00
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Begin Nudge @ 250.00ft										
300.00	1.00	257.10	300.00	-0.10	-0.43	-0.42	2.00	2.00	0.00	0.00
400.00	3.00	257.10	399.93	-0.88	-3.83	-3.78	2.00	2.00	0.00	0.00
500.00	5.00	257.10	499.68	-2.43	-10.63	-10.49	2.00	2.00	0.00	0.00
600.00	7.00	257.10	599.13	-4.77	-20.81	-20.55	2.00	2.00	0.00	0.00
700.00	9.00	257.10	698.15	-7.87	-34.38	-33.94	2.00	2.00	0.00	0.00
800.00	11.00	257.10	796.63	-11.75	-51.31	-50.65	2.00	2.00	0.00	0.00
900.00	13.00	257.10	894.44	-16.39	-71.57	-70.66	2.00	2.00	0.00	0.00
957.50	14.15	257.10	950.33	-19.40	-84.73	-83.65	2.00	2.00	0.00	0.00
End Nudge @ 957.50ft										
1,000.00	14.15	257.10	991.54	-21.72	-94.85	-93.65	0.00	0.00	0.00	0.00
1,100.00	14.15	257.10	1,088.51	-27.18	-118.68	-117.18	0.00	0.00	0.00	0.00
1,200.00	14.15	257.10	1,185.47	-32.64	-142.51	-140.70	0.00	0.00	0.00	0.00
1,300.00	14.15	257.10	1,282.44	-38.10	-166.34	-164.23	0.00	0.00	0.00	0.00
1,400.00	14.15	257.10	1,379.40	-43.55	-190.17	-187.76	0.00	0.00	0.00	0.00
1,500.00	14.15	257.10	1,476.37	-49.01	-214.00	-211.28	0.00	0.00	0.00	0.00
1,600.00	14.15	257.10	1,573.34	-54.47	-237.83	-234.81	0.00	0.00	0.00	0.00
1,700.00	14.15	257.10	1,670.30	-59.93	-261.66	-258.34	0.00	0.00	0.00	0.00
1,782.19	14.15	257.10	1,750.00	-64.41	-281.24	-277.68	0.00	0.00	0.00	0.00
9 5/8"										
1,800.00	14.15	257.10	1,767.27	-65.39	-285.49	-281.87	0.00	0.00	0.00	0.00
1,900.00	14.15	257.10	1,864.23	-70.84	-309.32	-305.39	0.00	0.00	0.00	0.00
2,000.00	14.15	257.10	1,961.20	-76.30	-333.15	-328.92	0.00	0.00	0.00	0.00
2,100.00	14.15	257.10	2,058.17	-81.76	-356.97	-352.45	0.00	0.00	0.00	0.00
2,200.00	14.15	257.10	2,155.13	-87.22	-380.80	-375.97	0.00	0.00	0.00	0.00
2,300.00	14.15	257.10	2,252.10	-92.67	-404.63	-399.50	0.00	0.00	0.00	0.00
2,400.00	14.15	257.10	2,349.06	-98.13	-428.46	-423.03	0.00	0.00	0.00	0.00
2,500.00	14.15	257.10	2,446.03	-103.59	-452.29	-446.55	0.00	0.00	0.00	0.00
2,600.00	14.15	257.10	2,543.00	-109.05	-476.12	-470.08	0.00	0.00	0.00	0.00
2,700.00	14.15	257.10	2,639.96	-114.50	-499.95	-493.61	0.00	0.00	0.00	0.00
2,800.00	14.15	257.10	2,736.93	-119.96	-523.78	-517.13	0.00	0.00	0.00	0.00
2,900.00	14.15	257.10	2,833.89	-125.42	-547.61	-540.66	0.00	0.00	0.00	0.00
3,000.00	14.15	257.10	2,930.86	-130.88	-571.44	-564.19	0.00	0.00	0.00	0.00
3,100.00	14.15	257.10	3,027.82	-136.33	-595.27	-587.71	0.00	0.00	0.00	0.00
3,200.00	14.15	257.10	3,124.79	-141.79	-619.10	-611.24	0.00	0.00	0.00	0.00
3,300.00	14.15	257.10	3,221.76	-147.25	-642.92	-634.77	0.00	0.00	0.00	0.00
3,400.00	14.15	257.10	3,318.72	-152.71	-666.75	-658.29	0.00	0.00	0.00	0.00
3,500.00	14.15	257.10	3,415.69	-158.16	-690.58	-681.82	0.00	0.00	0.00	0.00
3,600.00	14.15	257.10	3,512.65	-163.62	-714.41	-705.35	0.00	0.00	0.00	0.00
3,700.00	14.15	257.10	3,609.62	-169.08	-738.24	-728.87	0.00	0.00	0.00	0.00
3,800.00	14.15	257.10	3,706.59	-174.54	-762.07	-752.40	0.00	0.00	0.00	0.00
3,900.00	14.15	257.10	3,803.55	-179.99	-785.90	-775.93	0.00	0.00	0.00	0.00
4,000.00	14.15	257.10	3,900.52	-185.45	-809.73	-799.46	0.00	0.00	0.00	0.00
4,100.00	14.15	257.10	3,997.48	-190.91	-833.56	-822.98	0.00	0.00	0.00	0.00
4,200.00	14.15	257.10	4,094.45	-196.37	-857.39	-846.51	0.00	0.00	0.00	0.00
4,300.00	14.15	257.10	4,191.42	-201.83	-881.22	-870.04	0.00	0.00	0.00	0.00
4,400.00	14.15	257.10	4,288.38	-207.28	-905.04	-893.56	0.00	0.00	0.00	0.00
4,500.00	14.15	257.10	4,385.35	-212.74	-928.87	-917.09	0.00	0.00	0.00	0.00
4,600.00	14.15	257.10	4,482.31	-218.20	-952.70	-940.62	0.00	0.00	0.00	0.00

Hewlett-Packard

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 8N-8C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 8N-8C-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	14.15	257.10	4,579.28	-223.66	-976.53	-964.14	0.00	0.00	0.00
4,800.00	14.15	257.10	4,676.25	-229.11	-1,000.36	-987.67	0.00	0.00	0.00
4,900.00	14.15	257.10	4,773.21	-234.57	-1,024.19	-1,011.20	0.00	0.00	0.00
5,000.00	14.15	257.10	4,870.18	-240.03	-1,048.02	-1,034.72	0.00	0.00	0.00
5,100.00	14.15	257.10	4,967.14	-245.49	-1,071.85	-1,058.25	0.00	0.00	0.00
5,200.00	14.15	257.10	5,064.11	-250.94	-1,095.68	-1,081.78	0.00	0.00	0.00
5,300.00	14.15	257.10	5,161.07	-256.40	-1,119.51	-1,105.30	0.00	0.00	0.00
5,400.00	14.15	257.10	5,258.04	-261.86	-1,143.34	-1,128.83	0.00	0.00	0.00
5,500.00	14.15	257.10	5,355.01	-267.32	-1,167.17	-1,152.36	0.00	0.00	0.00
5,600.00	14.15	257.10	5,451.97	-272.77	-1,190.99	-1,175.88	0.00	0.00	0.00
5,700.00	14.15	257.10	5,548.94	-278.23	-1,214.82	-1,199.41	0.00	0.00	0.00
5,800.00	14.15	257.10	5,645.90	-283.69	-1,238.65	-1,222.94	0.00	0.00	0.00
5,900.00	14.15	257.10	5,742.87	-289.15	-1,262.48	-1,246.47	0.00	0.00	0.00
6,000.00	14.15	257.10	5,839.84	-294.60	-1,286.31	-1,269.99	0.00	0.00	0.00
6,100.00	14.15	257.10	5,936.80	-300.06	-1,310.14	-1,293.52	0.00	0.00	0.00
6,200.00	14.15	257.10	6,033.77	-305.52	-1,333.97	-1,317.05	0.00	0.00	0.00
6,300.00	14.15	257.10	6,130.73	-310.98	-1,357.80	-1,340.57	0.00	0.00	0.00
6,400.00	14.15	257.10	6,227.70	-316.43	-1,381.63	-1,364.10	0.00	0.00	0.00
6,443.19	14.15	257.10	6,269.58	-318.79	-1,391.92	-1,374.26	0.00	0.00	0.00
KOP @ 6443.19ft :: DLS = 9°/100'									
6,450.00	13.56	256.47	6,276.19	-319.16	-1,393.51	-1,375.83	9.00	-8.72	-9.26
6,500.00	9.27	249.43	6,325.19	-321.95	-1,402.98	-1,385.15	9.00	-8.57	-14.08
6,550.00	5.34	231.45	6,374.78	-324.82	-1,408.57	-1,390.59	9.00	-7.86	-35.96
6,600.00	3.40	174.49	6,424.66	-327.75	-1,410.25	-1,392.12	9.00	-3.88	-113.92
6,650.00	5.92	125.37	6,474.51	-330.72	-1,408.00	-1,389.73	9.00	5.04	-98.24
6,700.00	9.95	110.33	6,524.02	-333.71	-1,401.84	-1,383.43	9.00	8.06	-30.08
6,750.00	14.26	104.09	6,572.90	-336.71	-1,391.81	-1,373.26	9.00	8.62	-12.48
6,800.00	18.66	100.72	6,620.84	-339.70	-1,377.97	-1,359.29	9.00	8.80	-6.73
6,850.00	23.10	98.61	6,667.54	-342.66	-1,360.41	-1,341.59	9.00	8.87	-4.22
6,900.00	27.56	97.15	6,712.73	-345.57	-1,339.22	-1,320.29	9.00	8.91	-2.92
6,950.00	32.02	96.07	6,756.11	-348.42	-1,314.55	-1,295.51	9.00	8.94	-2.16
7,000.00	36.50	95.23	6,797.42	-351.17	-1,286.54	-1,267.40	9.00	8.95	-1.68
7,050.00	40.98	94.55	6,836.41	-353.83	-1,255.38	-1,236.14	9.00	8.96	-1.36
7,100.00	45.46	93.98	6,872.84	-356.37	-1,221.24	-1,201.92	9.00	8.97	-1.13
7,150.00	49.95	93.50	6,906.48	-358.78	-1,184.34	-1,164.95	9.00	8.97	-0.97
7,200.00	54.44	93.07	6,937.12	-361.04	-1,144.91	-1,125.45	9.00	8.97	-0.85
7,250.00	58.92	92.69	6,964.58	-363.14	-1,103.20	-1,083.68	9.00	8.98	-0.76
7,300.00	63.41	92.35	6,988.68	-365.06	-1,059.45	-1,039.89	9.00	8.98	-0.69
7,350.00	67.91	92.03	7,009.28	-366.79	-1,013.94	-994.35	9.00	8.98	-0.64
7,400.00	72.40	91.73	7,026.26	-368.33	-966.94	-947.34	9.00	8.98	-0.60
7,450.00	76.89	91.44	7,039.50	-369.66	-918.76	-899.15	9.00	8.98	-0.57
7,500.00	81.38	91.16	7,048.92	-370.77	-869.68	-850.08	9.00	8.98	-0.55
7,550.00	85.87	90.90	7,054.47	-371.67	-820.01	-800.43	9.00	8.98	-0.54
7,583.47	88.88	90.72	7,056.00	-372.14	-786.58	-767.02	9.00	8.98	-0.53
End Build @ 7583.47ft - 5 1/2"									
7,600.00	88.88	90.72	7,056.33	-372.34	-770.06	-750.50	0.00	0.00	0.00
7,700.00	88.88	90.72	7,058.28	-373.60	-670.08	-650.59	0.00	0.00	0.00
7,800.00	88.88	90.72	7,060.24	-374.85	-570.11	-550.68	0.00	0.00	0.00
7,900.00	88.88	90.72	7,062.19	-376.10	-470.14	-450.77	0.00	0.00	0.00
8,000.00	88.88	90.72	7,064.15	-377.35	-370.17	-350.86	0.00	0.00	0.00
8,100.00	88.88	90.72	7,066.11	-378.61	-270.19	-250.95	0.00	0.00	0.00
8,200.00	88.88	90.72	7,068.06	-379.86	-170.22	-151.04	0.00	0.00	0.00
8,300.00	88.88	90.72	7,070.02	-381.11	-70.25	-51.12	0.00	0.00	0.00
8,400.00	88.88	90.72	7,071.97	-382.36	29.73	48.79	0.00	0.00	0.00

Hewlett-Packard

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 8N-8C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 8N-8C-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)	
8,500.00	88.88	90.72	7,073.93	-383.62	129.70	148.70	0.00	0.00	0.00	
8,600.00	88.88	90.72	7,075.89	-384.87	229.67	248.61	0.00	0.00	0.00	
8,700.00	88.88	90.72	7,077.84	-386.12	329.65	348.52	0.00	0.00	0.00	
8,800.00	88.88	90.72	7,079.80	-387.38	429.62	448.43	0.00	0.00	0.00	
8,900.00	88.88	90.72	7,081.76	-388.63	529.59	548.34	0.00	0.00	0.00	
9,000.00	88.88	90.72	7,083.71	-389.88	629.56	648.25	0.00	0.00	0.00	
9,100.00	88.88	90.72	7,085.67	-391.13	729.54	748.16	0.00	0.00	0.00	
9,200.00	88.88	90.72	7,087.62	-392.39	829.51	848.07	0.00	0.00	0.00	
9,300.00	88.88	90.72	7,089.58	-393.64	929.48	947.98	0.00	0.00	0.00	
9,400.00	88.88	90.72	7,091.54	-394.89	1,029.46	1,047.89	0.00	0.00	0.00	
9,500.00	88.88	90.72	7,093.49	-396.14	1,129.43	1,147.80	0.00	0.00	0.00	
9,600.00	88.88	90.72	7,095.45	-397.40	1,229.40	1,247.72	0.00	0.00	0.00	
9,700.00	88.88	90.72	7,097.41	-398.65	1,329.38	1,347.63	0.00	0.00	0.00	
9,800.00	88.88	90.72	7,099.36	-399.90	1,429.35	1,447.54	0.00	0.00	0.00	
9,900.00	88.88	90.72	7,101.32	-401.15	1,529.32	1,547.45	0.00	0.00	0.00	
10,000.00	88.88	90.72	7,103.27	-402.41	1,629.29	1,647.36	0.00	0.00	0.00	
10,100.00	88.88	90.72	7,105.23	-403.66	1,729.27	1,747.27	0.00	0.00	0.00	
10,200.00	88.88	90.72	7,107.19	-404.91	1,829.24	1,847.18	0.00	0.00	0.00	
10,300.00	88.88	90.72	7,109.14	-406.16	1,929.21	1,947.09	0.00	0.00	0.00	
10,400.00	88.88	90.72	7,111.10	-407.42	2,029.19	2,047.00	0.00	0.00	0.00	
10,500.00	88.88	90.72	7,113.06	-408.67	2,129.16	2,146.91	0.00	0.00	0.00	
10,600.00	88.88	90.72	7,115.01	-409.92	2,229.13	2,246.82	0.00	0.00	0.00	
10,700.00	88.88	90.72	7,116.97	-411.17	2,329.11	2,346.73	0.00	0.00	0.00	
10,800.00	88.88	90.72	7,118.92	-412.43	2,429.08	2,446.65	0.00	0.00	0.00	
10,900.00	88.88	90.72	7,120.88	-413.68	2,529.05	2,546.56	0.00	0.00	0.00	
11,000.00	88.88	90.72	7,122.84	-414.93	2,629.02	2,646.47	0.00	0.00	0.00	
11,100.00	88.88	90.72	7,124.79	-416.18	2,729.00	2,746.38	0.00	0.00	0.00	
11,200.00	88.88	90.72	7,126.75	-417.44	2,828.97	2,846.29	0.00	0.00	0.00	
11,300.00	88.88	90.72	7,128.70	-418.69	2,928.94	2,946.20	0.00	0.00	0.00	
11,400.00	88.88	90.72	7,130.66	-419.94	3,028.92	3,046.11	0.00	0.00	0.00	
11,500.00	88.88	90.72	7,132.62	-421.19	3,128.89	3,146.02	0.00	0.00	0.00	
11,600.00	88.88	90.72	7,134.57	-422.45	3,228.86	3,245.93	0.00	0.00	0.00	
11,700.00	88.88	90.72	7,136.53	-423.70	3,328.84	3,345.84	0.00	0.00	0.00	
11,803.80	88.88	90.72	7,138.56	-425.00	3,432.61	3,449.55	0.00	0.00	0.00	
Begin Turn to BHL @ 11803.80ft										
11,822.87	88.88	90.34	7,138.93	-425.18	3,451.68	3,468.61	2.00	-0.01	-2.00	
End Turn @ 11822.87ft										
11,900.00	88.88	90.34	7,140.44	-425.63	3,528.79	3,545.64	0.00	0.00	0.00	
12,000.00	88.88	90.34	7,142.40	-426.21	3,628.77	3,645.52	0.00	0.00	0.00	
12,100.00	88.88	90.34	7,144.36	-426.80	3,728.75	3,745.41	0.00	0.00	0.00	
12,200.00	88.88	90.34	7,146.32	-427.39	3,828.72	3,845.29	0.00	0.00	0.00	
12,300.00	88.88	90.34	7,148.28	-427.98	3,928.70	3,945.18	0.00	0.00	0.00	
12,400.00	88.88	90.34	7,150.23	-428.56	4,028.68	4,045.06	0.00	0.00	0.00	
12,500.00	88.88	90.34	7,152.19	-429.15	4,128.66	4,144.94	0.00	0.00	0.00	
12,600.00	88.88	90.34	7,154.15	-429.74	4,228.64	4,244.83	0.00	0.00	0.00	
12,700.00	88.88	90.34	7,156.11	-430.32	4,328.62	4,344.71	0.00	0.00	0.00	
12,800.00	88.88	90.34	7,158.07	-430.91	4,428.60	4,444.59	0.00	0.00	0.00	
12,900.00	88.88	90.34	7,160.02	-431.50	4,528.58	4,544.48	0.00	0.00	0.00	
13,000.00	88.88	90.34	7,161.98	-432.08	4,628.56	4,644.36	0.00	0.00	0.00	
13,100.00	88.88	90.34	7,163.94	-432.67	4,728.54	4,744.24	0.00	0.00	0.00	
13,200.00	88.88	90.34	7,165.90	-433.26	4,828.52	4,844.13	0.00	0.00	0.00	
13,300.00	88.88	90.34	7,167.85	-433.84	4,928.49	4,944.01	0.00	0.00	0.00	
13,400.00	88.88	90.34	7,169.81	-434.43	5,028.47	5,043.90	0.00	0.00	0.00	
13,500.00	88.88	90.34	7,171.77	-435.02	5,128.45	5,143.78	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 8N-8C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 8N-8C-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)	
13,600.00	88.88	90.34	7,173.73	-435.60	5,228.43	5,243.66	0.00	0.00	0.00	
13,700.00	88.88	90.34	7,175.69	-436.19	5,328.41	5,343.55	0.00	0.00	0.00	
13,800.00	88.88	90.34	7,177.64	-436.78	5,428.39	5,443.43	0.00	0.00	0.00	
13,900.00	88.88	90.34	7,179.60	-437.36	5,528.37	5,543.31	0.00	0.00	0.00	
14,000.00	88.88	90.34	7,181.56	-437.95	5,628.35	5,643.20	0.00	0.00	0.00	
14,100.00	88.88	90.34	7,183.52	-438.54	5,728.33	5,743.08	0.00	0.00	0.00	
14,200.00	88.88	90.34	7,185.48	-439.13	5,828.31	5,842.96	0.00	0.00	0.00	
14,300.00	88.88	90.34	7,187.43	-439.71	5,928.29	5,942.85	0.00	0.00	0.00	
14,400.00	88.88	90.34	7,189.39	-440.30	6,028.27	6,042.73	0.00	0.00	0.00	
14,500.00	88.88	90.34	7,191.35	-440.89	6,128.24	6,142.62	0.00	0.00	0.00	
14,600.00	88.88	90.34	7,193.31	-441.47	6,228.22	6,242.50	0.00	0.00	0.00	
14,700.00	88.88	90.34	7,195.27	-442.06	6,328.20	6,342.38	0.00	0.00	0.00	
14,800.00	88.88	90.34	7,197.22	-442.65	6,428.18	6,442.27	0.00	0.00	0.00	
14,900.00	88.88	90.34	7,199.18	-443.23	6,528.16	6,542.15	0.00	0.00	0.00	
15,000.00	88.88	90.34	7,201.14	-443.82	6,628.14	6,642.03	0.00	0.00	0.00	
15,100.00	88.88	90.34	7,203.10	-444.41	6,728.12	6,741.92	0.00	0.00	0.00	
15,200.00	88.88	90.34	7,205.06	-444.99	6,828.10	6,841.80	0.00	0.00	0.00	
15,300.00	88.88	90.34	7,207.01	-445.58	6,928.08	6,941.69	0.00	0.00	0.00	
15,400.00	88.88	90.34	7,208.97	-446.17	7,028.06	7,041.57	0.00	0.00	0.00	
15,500.00	88.88	90.34	7,210.93	-446.75	7,128.04	7,141.45	0.00	0.00	0.00	
15,600.00	88.88	90.34	7,212.89	-447.34	7,228.01	7,241.34	0.00	0.00	0.00	
15,700.00	88.88	90.34	7,214.85	-447.93	7,327.99	7,341.22	0.00	0.00	0.00	
15,800.00	88.88	90.34	7,216.80	-448.52	7,427.97	7,441.10	0.00	0.00	0.00	
15,900.00	88.88	90.34	7,218.76	-449.10	7,527.95	7,540.99	0.00	0.00	0.00	
16,000.00	88.88	90.34	7,220.72	-449.69	7,627.93	7,640.87	0.00	0.00	0.00	
16,100.00	88.88	90.34	7,222.68	-450.28	7,727.91	7,740.75	0.00	0.00	0.00	
16,200.00	88.88	90.34	7,224.64	-450.86	7,827.89	7,840.64	0.00	0.00	0.00	
16,300.00	88.88	90.34	7,226.59	-451.45	7,927.87	7,940.52	0.00	0.00	0.00	
16,400.00	88.88	90.34	7,228.55	-452.04	8,027.85	8,040.41	0.00	0.00	0.00	
16,500.00	88.88	90.34	7,230.51	-452.62	8,127.83	8,140.29	0.00	0.00	0.00	
16,600.00	88.88	90.34	7,232.47	-453.21	8,227.81	8,240.17	0.00	0.00	0.00	
16,700.00	88.88	90.34	7,234.43	-453.80	8,327.78	8,340.06	0.00	0.00	0.00	
16,800.00	88.88	90.34	7,236.38	-454.38	8,427.76	8,439.94	0.00	0.00	0.00	
16,900.00	88.88	90.34	7,238.34	-454.97	8,527.74	8,539.82	0.00	0.00	0.00	
17,000.00	88.88	90.34	7,240.30	-455.56	8,627.72	8,639.71	0.00	0.00	0.00	
17,100.00	88.88	90.34	7,242.26	-456.14	8,727.70	8,739.59	0.00	0.00	0.00	
17,200.00	88.88	90.34	7,244.21	-456.73	8,827.68	8,839.47	0.00	0.00	0.00	
17,300.00	88.88	90.34	7,246.17	-457.32	8,927.66	8,939.36	0.00	0.00	0.00	
17,400.00	88.88	90.34	7,248.13	-457.90	9,027.64	9,039.24	0.00	0.00	0.00	
17,500.00	88.88	90.34	7,250.09	-458.49	9,127.62	9,139.13	0.00	0.00	0.00	
17,546.55	88.88	90.34	7,251.00	-458.76	9,174.16	9,185.62	0.00	0.00	0.00	
TD Well @ 17546.55ft										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,782.19	1,750.00	9 5/8"	9-5/8	13-1/2	
7,583.47	7,056.00	5 1/2"	5-1/2	8-1/2	

Hewlett-Packard

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 8N-8C-L
Company:	SRC ENERGY	TVD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Project:	WELD COUNTY (NAD83, TRUE NORTH)	MD Reference:	RKB = 20' @ 4901.00usft (PD 462)
Site:	5N-66W-07 BOST FARM 5-7 PAD	North Reference:	True
Well:	BOST FARM 8N-8C-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
957.50	950.33	-19.40	-84.73	End Nudge @ 957.50ft
6,443.19	6,269.58	-318.79	-1,391.92	KOP @ 6443.19ft :: DLS = 9°/100'
7,583.47	7,056.00	-372.14	-786.58	End Build @ 7583.47ft
11,803.80	7,138.56	-425.00	3,432.61	Begin Turn to BHL @ 11803.80ft
11,822.87	7,138.93	-425.18	3,451.68	End Turn @ 11822.87ft
17,546.55	7,251.00	-458.76	9,174.16	TD Well @ 17546.55ft