

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

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

BOST FARM 41N-8C-L

Wellbore #1

Plan: Design #1

Standard Planning Report

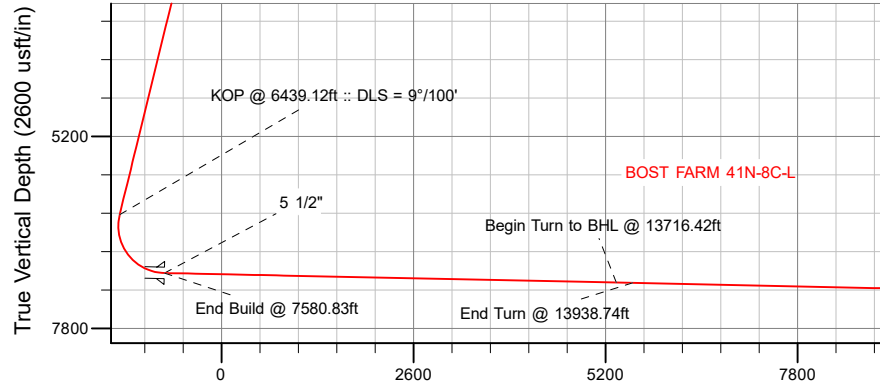
28 December, 2017

Project: WELD COUNTY (NAD83, TRUE NORTH)
Site: 5N-66W-07 BOST FARM 5-7 PAD
Well: BOST FARM 41N-8C-L
Wellbore: Wellbore #1
Design: Design #1

SRC ENERGY

CASING DETAILS

TVD	MD	Name	Size
1750.00	1782.74	9 5/8"	9-5/8
7051.00	7580.83	5 1/2"	5-1/2



Vertical Section at 87.74° (2600 usft/in)

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

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	965.00	14.30	284.20	957.60	21.77	-86.05	2.00	284.20	-85.13	
4	6439.12	14.30	284.20	6262.11	353.45	-1396.84	0.00	0.00	-1381.82	
5	7580.83	88.80	91.75	7051.00	377.40	-791.37	9.00	167.23	-775.88	
6	13716.42	88.80	91.75	7180.00	190.00	5340.00	0.00	0.00	5343.34	BOST FARM 41N-8C-L_tgt
7	13938.74	88.79	87.30	7184.69	191.83	5562.21	2.00	-90.13	5565.45	
8	17548.47	88.79	87.30	7261.00	361.64	9167.14	0.00	0.00	9174.27	BOST FARM 41N-8C-L_BHL

WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
BOST FARM 41N-8C-L_SHL	0.00	0.00	0.00	40.417756	-104.829011
BOST FARM 41N-8C-L_BHL	7261.00	361.64	9167.14	40.418744	-104.796087

WELL DETAILS: BOST FARM 41N-8C-L

GL = 4881'

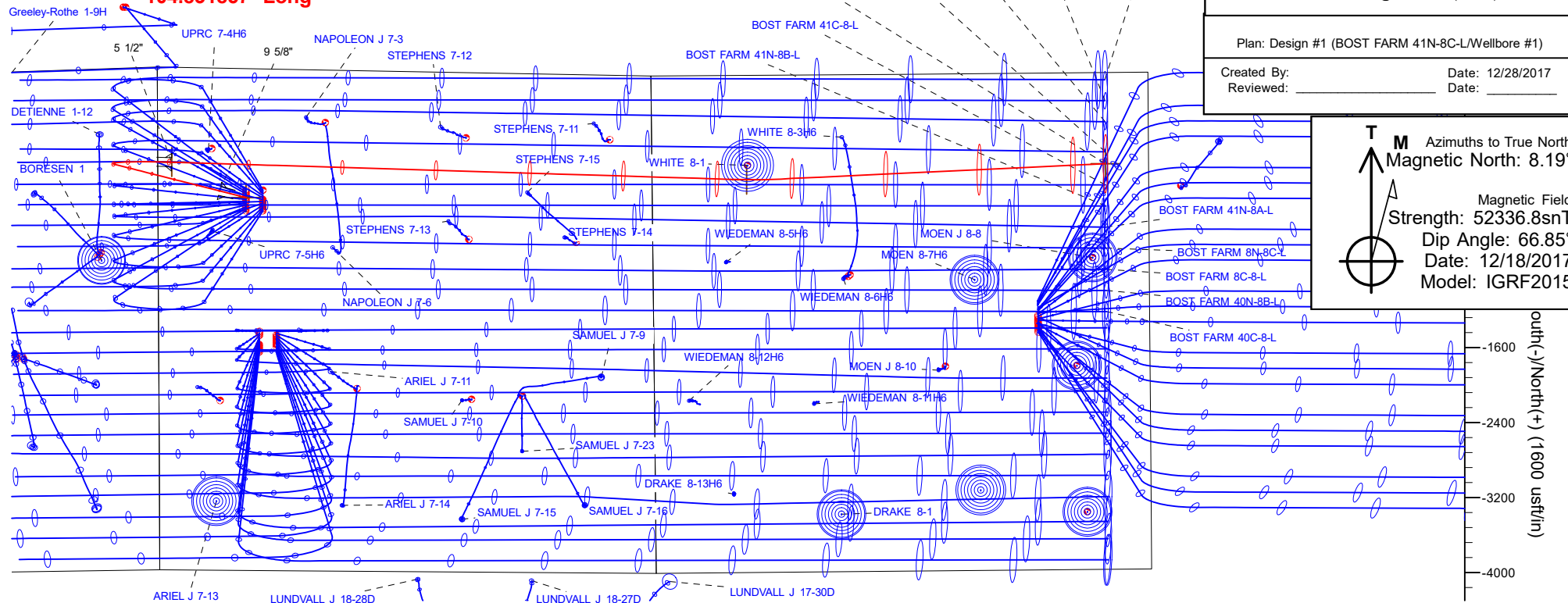
RKB = 20' @ 4901.00usft (PD 462)

Plan: Design #1 (BOST FARM 41N-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: 52336.8snT
Dip Angle: 66.85°
Date: 12/18/2017
Model: IGRF2015

SHL
1377' FNL
941' FWL
LP
1011' FNL
150' FWL
40.418799° Lat
-104.831857° Long
BHL
974' FNL
460' FEL



Hewlett-Packard

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 41N-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 41N-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	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 41N-8C-L			
Well Position	+N/-S	-78.70 usft	Northing:	1,395,735.70 usft
	+E/-W	-180.71 usft	Easting:	3,186,826.66 usft
Position Uncertainty		3.28 usft	Wellhead Elevation:	Latitude: 40.417756
				Longitude: -104.829011
				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	52,336.75846463

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	87.74

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	17,548.47	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2
				Fixed:v2:crustal field declinatio

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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 41N-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	
965.00	14.30	284.20	957.60	21.77	-86.05	2.00	2.00	0.00	284.20	
6,439.12	14.30	284.20	6,262.11	353.45	-1,396.84	0.00	0.00	0.00	0.00	
7,580.83	88.80	91.75	7,051.00	377.40	-791.37	9.00	6.52	14.68	167.23	
13,716.42	88.80	91.75	7,180.00	190.00	5,340.00	0.00	0.00	0.00	0.00	BOST FARM 41N-8C
13,938.74	88.79	87.30	7,184.69	191.83	5,562.21	2.00	0.00	-2.00	-90.13	
17,548.47	88.79	87.30	7,261.00	361.64	9,167.14	0.00	0.00	0.00	0.00	BOST FARM 41N-8C

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 41N-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
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	284.20	300.00	0.11	-0.42	-0.42	2.00	2.00	0.00
400.00	3.00	284.20	399.93	0.96	-3.81	-3.77	2.00	2.00	0.00
500.00	5.00	284.20	499.68	2.67	-10.57	-10.45	2.00	2.00	0.00
600.00	7.00	284.20	599.13	5.24	-20.70	-20.48	2.00	2.00	0.00
700.00	9.00	284.20	698.15	8.65	-34.19	-33.83	2.00	2.00	0.00
800.00	11.00	284.20	796.63	12.91	-51.03	-50.48	2.00	2.00	0.00
900.00	13.00	284.20	894.44	18.01	-71.18	-70.42	2.00	2.00	0.00
965.00	14.30	284.20	957.60	21.77	-86.05	-85.13	2.00	2.00	0.00
End Nudge @ 965.00ft									
1,000.00	14.30	284.20	991.52	23.89	-94.43	-93.42	0.00	0.00	0.00
1,100.00	14.30	284.20	1,088.42	29.95	-118.38	-117.10	0.00	0.00	0.00
1,200.00	14.30	284.20	1,185.32	36.01	-142.32	-140.79	0.00	0.00	0.00
1,300.00	14.30	284.20	1,282.22	42.07	-166.27	-164.48	0.00	0.00	0.00
1,400.00	14.30	284.20	1,379.12	48.13	-190.21	-188.17	0.00	0.00	0.00
1,500.00	14.30	284.20	1,476.02	54.19	-214.16	-211.86	0.00	0.00	0.00
1,600.00	14.30	284.20	1,572.93	60.25	-238.10	-235.54	0.00	0.00	0.00
1,700.00	14.30	284.20	1,669.83	66.31	-262.05	-259.23	0.00	0.00	0.00
1,782.74	14.30	284.20	1,750.00	71.32	-281.86	-278.83	0.00	0.00	0.00
9 5/8"									
1,800.00	14.30	284.20	1,766.73	72.37	-285.99	-282.92	0.00	0.00	0.00
1,900.00	14.30	284.20	1,863.63	78.43	-309.94	-306.61	0.00	0.00	0.00
2,000.00	14.30	284.20	1,960.53	84.49	-333.88	-330.29	0.00	0.00	0.00
2,100.00	14.30	284.20	2,057.43	90.54	-357.83	-353.98	0.00	0.00	0.00
2,200.00	14.30	284.20	2,154.33	96.60	-381.77	-377.67	0.00	0.00	0.00
2,300.00	14.30	284.20	2,251.24	102.66	-405.72	-401.36	0.00	0.00	0.00
2,400.00	14.30	284.20	2,348.14	108.72	-429.66	-425.05	0.00	0.00	0.00
2,500.00	14.30	284.20	2,445.04	114.78	-453.61	-448.73	0.00	0.00	0.00
2,600.00	14.30	284.20	2,541.94	120.84	-477.56	-472.42	0.00	0.00	0.00
2,700.00	14.30	284.20	2,638.84	126.90	-501.50	-496.11	0.00	0.00	0.00
2,800.00	14.30	284.20	2,735.74	132.96	-525.45	-519.80	0.00	0.00	0.00
2,900.00	14.30	284.20	2,832.65	139.02	-549.39	-543.48	0.00	0.00	0.00
3,000.00	14.30	284.20	2,929.55	145.08	-573.34	-567.17	0.00	0.00	0.00
3,100.00	14.30	284.20	3,026.45	151.14	-597.28	-590.86	0.00	0.00	0.00
3,200.00	14.30	284.20	3,123.35	157.19	-621.23	-614.55	0.00	0.00	0.00
3,300.00	14.30	284.20	3,220.25	163.25	-645.17	-638.24	0.00	0.00	0.00
3,400.00	14.30	284.20	3,317.15	169.31	-669.12	-661.92	0.00	0.00	0.00
3,500.00	14.30	284.20	3,414.06	175.37	-693.06	-685.61	0.00	0.00	0.00
3,600.00	14.30	284.20	3,510.96	181.43	-717.01	-709.30	0.00	0.00	0.00
3,700.00	14.30	284.20	3,607.86	187.49	-740.95	-732.99	0.00	0.00	0.00
3,800.00	14.30	284.20	3,704.76	193.55	-764.90	-756.67	0.00	0.00	0.00
3,900.00	14.30	284.20	3,801.66	199.61	-788.84	-780.36	0.00	0.00	0.00
4,000.00	14.30	284.20	3,898.56	205.67	-812.79	-804.05	0.00	0.00	0.00
4,100.00	14.30	284.20	3,995.46	211.73	-836.73	-827.74	0.00	0.00	0.00
4,200.00	14.30	284.20	4,092.37	217.79	-860.68	-851.42	0.00	0.00	0.00
4,300.00	14.30	284.20	4,189.27	223.84	-884.62	-875.11	0.00	0.00	0.00
4,400.00	14.30	284.20	4,286.17	229.90	-908.57	-898.80	0.00	0.00	0.00
4,500.00	14.30	284.20	4,383.07	235.96	-932.51	-922.49	0.00	0.00	0.00
4,600.00	14.30	284.20	4,479.97	242.02	-956.46	-946.18	0.00	0.00	0.00

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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 41N-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	14.30	284.20	4,576.87	248.08	-980.40	-969.86	0.00	0.00	0.00
4,800.00	14.30	284.20	4,673.78	254.14	-1,004.35	-993.55	0.00	0.00	0.00
4,900.00	14.30	284.20	4,770.68	260.20	-1,028.30	-1,017.24	0.00	0.00	0.00
5,000.00	14.30	284.20	4,867.58	266.26	-1,052.24	-1,040.93	0.00	0.00	0.00
5,100.00	14.30	284.20	4,964.48	272.32	-1,076.19	-1,064.61	0.00	0.00	0.00
5,200.00	14.30	284.20	5,061.38	278.38	-1,100.13	-1,088.30	0.00	0.00	0.00
5,300.00	14.30	284.20	5,158.28	284.43	-1,124.08	-1,111.99	0.00	0.00	0.00
5,400.00	14.30	284.20	5,255.18	290.49	-1,148.02	-1,135.68	0.00	0.00	0.00
5,500.00	14.30	284.20	5,352.09	296.55	-1,171.97	-1,159.37	0.00	0.00	0.00
5,600.00	14.30	284.20	5,448.99	302.61	-1,195.91	-1,183.05	0.00	0.00	0.00
5,700.00	14.30	284.20	5,545.89	308.67	-1,219.86	-1,206.74	0.00	0.00	0.00
5,800.00	14.30	284.20	5,642.79	314.73	-1,243.80	-1,230.43	0.00	0.00	0.00
5,900.00	14.30	284.20	5,739.69	320.79	-1,267.75	-1,254.12	0.00	0.00	0.00
6,000.00	14.30	284.20	5,836.59	326.85	-1,291.69	-1,277.80	0.00	0.00	0.00
6,100.00	14.30	284.20	5,933.50	332.91	-1,315.64	-1,301.49	0.00	0.00	0.00
6,200.00	14.30	284.20	6,030.40	338.97	-1,339.58	-1,325.18	0.00	0.00	0.00
6,300.00	14.30	284.20	6,127.30	345.03	-1,363.53	-1,348.87	0.00	0.00	0.00
6,400.00	14.30	284.20	6,224.20	351.08	-1,387.47	-1,372.56	0.00	0.00	0.00
6,439.12	14.30	284.20	6,262.11	353.45	-1,396.84	-1,381.82	0.00	0.00	0.00
KOP @ 6439.12ft :: DLS = 9°/100'									
6,450.00	13.35	285.14	6,272.67	354.11	-1,399.36	-1,384.31	9.00	-8.76	8.62
6,500.00	9.04	291.92	6,321.71	357.09	-1,408.57	-1,393.40	9.00	-8.62	13.57
6,550.00	5.06	309.92	6,371.33	359.97	-1,413.91	-1,398.62	9.00	-7.95	36.00
6,600.00	3.17	11.23	6,421.22	362.74	-1,415.33	-1,399.93	9.00	-3.78	122.63
6,650.00	5.91	59.95	6,471.08	365.39	-1,412.83	-1,397.33	9.00	5.48	97.44
6,700.00	10.02	73.79	6,520.59	367.90	-1,406.43	-1,390.83	9.00	8.21	27.66
6,750.00	14.36	79.48	6,569.45	370.24	-1,396.15	-1,380.47	9.00	8.68	11.40
6,800.00	18.77	82.56	6,617.36	372.42	-1,382.07	-1,366.32	9.00	8.83	6.15
6,850.00	23.22	84.50	6,664.03	374.40	-1,364.27	-1,348.46	9.00	8.89	3.87
6,900.00	27.68	85.84	6,709.17	376.19	-1,342.87	-1,327.00	9.00	8.93	2.68
6,950.00	32.16	86.83	6,752.50	377.77	-1,317.99	-1,302.07	9.00	8.95	1.98
7,000.00	36.63	87.60	6,793.74	379.14	-1,289.78	-1,273.84	9.00	8.96	1.55
7,050.00	41.12	88.23	6,832.66	380.27	-1,258.43	-1,242.46	9.00	8.97	1.25
7,100.00	45.60	88.75	6,869.00	381.17	-1,224.12	-1,208.15	9.00	8.97	1.04
7,150.00	50.09	89.20	6,902.55	381.83	-1,187.07	-1,171.10	9.00	8.98	0.90
7,200.00	54.58	89.59	6,933.10	382.24	-1,147.50	-1,131.55	9.00	8.98	0.79
7,250.00	59.07	89.94	6,960.45	382.41	-1,105.67	-1,089.73	9.00	8.98	0.70
7,300.00	63.56	90.26	6,984.44	382.34	-1,061.81	-1,045.92	9.00	8.98	0.64
7,350.00	68.05	90.55	7,004.93	382.01	-1,016.22	-1,000.37	9.00	8.98	0.59
7,400.00	72.55	90.83	7,021.78	381.44	-969.16	-953.37	9.00	8.98	0.55
7,450.00	77.04	91.10	7,034.89	380.63	-920.93	-905.21	9.00	8.99	0.53
7,500.00	81.53	91.35	7,044.18	379.58	-871.83	-856.19	9.00	8.99	0.51
7,550.00	86.02	91.60	7,049.60	378.30	-822.15	-806.60	9.00	8.99	0.50
7,580.83	88.80	91.75	7,051.00	377.40	-791.37	-775.88	9.00	8.99	0.49
End Build @ 7580.83ft - 5 1/2"									
7,600.00	88.80	91.75	7,051.40	376.81	-772.21	-756.76	0.00	0.00	0.00
7,700.00	88.80	91.75	7,053.50	373.76	-672.28	-657.02	0.00	0.00	0.00
7,800.00	88.80	91.75	7,055.60	370.70	-572.35	-557.29	0.00	0.00	0.00
7,900.00	88.80	91.75	7,057.71	367.65	-472.42	-457.56	0.00	0.00	0.00
8,000.00	88.80	91.75	7,059.81	364.60	-372.49	-357.82	0.00	0.00	0.00
8,100.00	88.80	91.75	7,061.91	361.54	-272.55	-258.09	0.00	0.00	0.00
8,200.00	88.80	91.75	7,064.01	358.49	-172.62	-158.36	0.00	0.00	0.00
8,300.00	88.80	91.75	7,066.12	355.43	-72.69	-58.62	0.00	0.00	0.00
8,400.00	88.80	91.75	7,068.22	352.38	27.24	41.11	0.00	0.00	0.00

Hewlett-Packard

Planning Report

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well BOST FARM 41N-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 41N-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	88.80	91.75	7,070.32	349.32	127.17	140.84	0.00	0.00	0.00	
8,600.00	88.80	91.75	7,072.42	346.27	227.10	240.58	0.00	0.00	0.00	
8,700.00	88.80	91.75	7,074.53	343.22	327.03	340.31	0.00	0.00	0.00	
8,800.00	88.80	91.75	7,076.63	340.16	426.96	440.04	0.00	0.00	0.00	
8,900.00	88.80	91.75	7,078.73	337.11	526.90	539.77	0.00	0.00	0.00	
9,000.00	88.80	91.75	7,080.83	334.05	626.83	639.51	0.00	0.00	0.00	
9,100.00	88.80	91.75	7,082.94	331.00	726.76	739.24	0.00	0.00	0.00	
9,200.00	88.80	91.75	7,085.04	327.94	826.69	838.97	0.00	0.00	0.00	
9,300.00	88.80	91.75	7,087.14	324.89	926.62	938.71	0.00	0.00	0.00	
9,400.00	88.80	91.75	7,089.24	321.84	1,026.55	1,038.44	0.00	0.00	0.00	
9,500.00	88.80	91.75	7,091.35	318.78	1,126.48	1,138.17	0.00	0.00	0.00	
9,600.00	88.80	91.75	7,093.45	315.73	1,226.41	1,237.91	0.00	0.00	0.00	
9,700.00	88.80	91.75	7,095.55	312.67	1,326.35	1,337.64	0.00	0.00	0.00	
9,800.00	88.80	91.75	7,097.65	309.62	1,426.28	1,437.37	0.00	0.00	0.00	
9,900.00	88.80	91.75	7,099.76	306.56	1,526.21	1,537.11	0.00	0.00	0.00	
10,000.00	88.80	91.75	7,101.86	303.51	1,626.14	1,636.84	0.00	0.00	0.00	
10,100.00	88.80	91.75	7,103.96	300.46	1,726.07	1,736.57	0.00	0.00	0.00	
10,200.00	88.80	91.75	7,106.07	297.40	1,826.00	1,836.31	0.00	0.00	0.00	
10,300.00	88.80	91.75	7,108.17	294.35	1,925.93	1,936.04	0.00	0.00	0.00	
10,400.00	88.80	91.75	7,110.27	291.29	2,025.86	2,035.77	0.00	0.00	0.00	
10,500.00	88.80	91.75	7,112.37	288.24	2,125.80	2,135.51	0.00	0.00	0.00	
10,600.00	88.80	91.75	7,114.48	285.18	2,225.73	2,235.24	0.00	0.00	0.00	
10,700.00	88.80	91.75	7,116.58	282.13	2,325.66	2,334.97	0.00	0.00	0.00	
10,800.00	88.80	91.75	7,118.68	279.08	2,425.59	2,434.70	0.00	0.00	0.00	
10,900.00	88.80	91.75	7,120.78	276.02	2,525.52	2,534.44	0.00	0.00	0.00	
11,000.00	88.80	91.75	7,122.89	272.97	2,625.45	2,634.17	0.00	0.00	0.00	
11,100.00	88.80	91.75	7,124.99	269.91	2,725.38	2,733.90	0.00	0.00	0.00	
11,200.00	88.80	91.75	7,127.09	266.86	2,825.31	2,833.64	0.00	0.00	0.00	
11,300.00	88.80	91.75	7,129.19	263.80	2,925.25	2,933.37	0.00	0.00	0.00	
11,400.00	88.80	91.75	7,131.30	260.75	3,025.18	3,033.10	0.00	0.00	0.00	
11,500.00	88.80	91.75	7,133.40	257.70	3,125.11	3,132.84	0.00	0.00	0.00	
11,600.00	88.80	91.75	7,135.50	254.64	3,225.04	3,232.57	0.00	0.00	0.00	
11,700.00	88.80	91.75	7,137.60	251.59	3,324.97	3,332.30	0.00	0.00	0.00	
11,800.00	88.80	91.75	7,139.71	248.53	3,424.90	3,432.04	0.00	0.00	0.00	
11,900.00	88.80	91.75	7,141.81	245.48	3,524.83	3,531.77	0.00	0.00	0.00	
12,000.00	88.80	91.75	7,143.91	242.42	3,624.76	3,631.50	0.00	0.00	0.00	
12,100.00	88.80	91.75	7,146.01	239.37	3,724.70	3,731.24	0.00	0.00	0.00	
12,200.00	88.80	91.75	7,148.12	236.32	3,824.63	3,830.97	0.00	0.00	0.00	
12,300.00	88.80	91.75	7,150.22	233.26	3,924.56	3,930.70	0.00	0.00	0.00	
12,400.00	88.80	91.75	7,152.32	230.21	4,024.49	4,030.44	0.00	0.00	0.00	
12,500.00	88.80	91.75	7,154.42	227.15	4,124.42	4,130.17	0.00	0.00	0.00	
12,600.00	88.80	91.75	7,156.53	224.10	4,224.35	4,229.90	0.00	0.00	0.00	
12,700.00	88.80	91.75	7,158.63	221.04	4,324.28	4,329.63	0.00	0.00	0.00	
12,800.00	88.80	91.75	7,160.73	217.99	4,424.21	4,429.37	0.00	0.00	0.00	
12,900.00	88.80	91.75	7,162.83	214.94	4,524.15	4,529.10	0.00	0.00	0.00	
13,000.00	88.80	91.75	7,164.94	211.88	4,624.08	4,628.83	0.00	0.00	0.00	
13,100.00	88.80	91.75	7,167.04	208.83	4,724.01	4,728.57	0.00	0.00	0.00	
13,200.00	88.80	91.75	7,169.14	205.77	4,823.94	4,828.30	0.00	0.00	0.00	
13,300.00	88.80	91.75	7,171.24	202.72	4,923.87	4,928.03	0.00	0.00	0.00	
13,400.00	88.80	91.75	7,173.35	199.66	5,023.80	5,027.77	0.00	0.00	0.00	
13,500.00	88.80	91.75	7,175.45	196.61	5,123.73	5,127.50	0.00	0.00	0.00	
13,600.00	88.80	91.75	7,177.55	193.56	5,223.66	5,227.23	0.00	0.00	0.00	
13,700.00	88.80	91.75	7,179.65	190.50	5,323.59	5,326.97	0.00	0.00	0.00	
13,716.42	88.80	91.75	7,180.00	190.00	5,340.00	5,343.34	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 41N-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 41N-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)
Begin Turn to BHL @ 13716.42ft									
13,800.00	88.79	90.08	7,181.76	188.67	5,423.55	5,426.77	2.00	0.00	-2.00
13,900.00	88.79	88.08	7,183.87	190.27	5,523.51	5,526.72	2.00	0.00	-2.00
13,938.74	88.79	87.30	7,184.69	191.83	5,562.21	5,565.45	2.00	0.00	-2.00
End Turn @ 13938.74ft									
14,000.00	88.79	87.30	7,185.98	194.72	5,623.39	5,626.69	0.00	0.00	0.00
14,100.00	88.79	87.30	7,188.10	199.42	5,723.26	5,726.67	0.00	0.00	0.00
14,200.00	88.79	87.30	7,190.21	204.12	5,823.12	5,826.64	0.00	0.00	0.00
14,300.00	88.79	87.30	7,192.33	208.83	5,922.99	5,926.62	0.00	0.00	0.00
14,400.00	88.79	87.30	7,194.44	213.53	6,022.86	6,026.59	0.00	0.00	0.00
14,500.00	88.79	87.30	7,196.55	218.24	6,122.72	6,126.57	0.00	0.00	0.00
14,600.00	88.79	87.30	7,198.67	222.94	6,222.59	6,226.54	0.00	0.00	0.00
14,700.00	88.79	87.30	7,200.78	227.64	6,322.46	6,326.52	0.00	0.00	0.00
14,800.00	88.79	87.30	7,202.90	232.35	6,422.32	6,426.49	0.00	0.00	0.00
14,900.00	88.79	87.30	7,205.01	237.05	6,522.19	6,526.47	0.00	0.00	0.00
15,000.00	88.79	87.30	7,207.12	241.76	6,622.06	6,626.44	0.00	0.00	0.00
15,100.00	88.79	87.30	7,209.24	246.46	6,721.93	6,726.42	0.00	0.00	0.00
15,200.00	88.79	87.30	7,211.35	251.16	6,821.79	6,826.39	0.00	0.00	0.00
15,300.00	88.79	87.30	7,213.47	255.87	6,921.66	6,926.37	0.00	0.00	0.00
15,400.00	88.79	87.30	7,215.58	260.57	7,021.53	7,026.34	0.00	0.00	0.00
15,500.00	88.79	87.30	7,217.70	265.28	7,121.39	7,126.32	0.00	0.00	0.00
15,600.00	88.79	87.30	7,219.81	269.98	7,221.26	7,226.29	0.00	0.00	0.00
15,700.00	88.79	87.30	7,221.92	274.68	7,321.13	7,326.26	0.00	0.00	0.00
15,800.00	88.79	87.30	7,224.04	279.39	7,420.99	7,426.24	0.00	0.00	0.00
15,900.00	88.79	87.30	7,226.15	284.09	7,520.86	7,526.21	0.00	0.00	0.00
16,000.00	88.79	87.30	7,228.27	288.80	7,620.73	7,626.19	0.00	0.00	0.00
16,100.00	88.79	87.30	7,230.38	293.50	7,720.59	7,726.16	0.00	0.00	0.00
16,200.00	88.79	87.30	7,232.49	298.20	7,820.46	7,826.14	0.00	0.00	0.00
16,300.00	88.79	87.30	7,234.61	302.91	7,920.33	7,926.11	0.00	0.00	0.00
16,400.00	88.79	87.30	7,236.72	307.61	8,020.20	8,026.09	0.00	0.00	0.00
16,500.00	88.79	87.30	7,238.84	312.32	8,120.06	8,126.06	0.00	0.00	0.00
16,600.00	88.79	87.30	7,240.95	317.02	8,219.93	8,226.04	0.00	0.00	0.00
16,700.00	88.79	87.30	7,243.06	321.72	8,319.80	8,326.01	0.00	0.00	0.00
16,800.00	88.79	87.30	7,245.18	326.43	8,419.66	8,425.99	0.00	0.00	0.00
16,900.00	88.79	87.30	7,247.29	331.13	8,519.53	8,525.96	0.00	0.00	0.00
17,000.00	88.79	87.30	7,249.41	335.84	8,619.40	8,625.94	0.00	0.00	0.00
17,100.00	88.79	87.30	7,251.52	340.54	8,719.26	8,725.91	0.00	0.00	0.00
17,200.00	88.79	87.30	7,253.63	345.24	8,819.13	8,825.89	0.00	0.00	0.00
17,300.00	88.79	87.30	7,255.75	349.95	8,919.00	8,925.86	0.00	0.00	0.00
17,400.00	88.79	87.30	7,257.86	354.65	9,018.86	9,025.84	0.00	0.00	0.00
17,500.00	88.79	87.30	7,259.98	359.36	9,118.73	9,125.81	0.00	0.00	0.00
17,548.47	88.79	87.30	7,261.00	361.64	9,167.14	9,174.27	0.00	0.00	0.00
TD Well @ 17548.47ft									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,782.74	1,750.00	9 5/8"	9-5/8	13-1/2	
7,580.83	7,051.00	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 41N-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 41N-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
965.00	957.60	21.77	-86.05	End Nudge @ 965.00ft
6,439.12	6,262.11	353.45	-1,396.84	KOP @ 6439.12ft :: DLS = 9°/100'
7,580.83	7,051.00	377.40	-791.37	End Build @ 7580.83ft
13,716.42	7,180.00	190.00	5,340.00	Begin Turn to BHL @ 13716.42ft
13,938.74	7,184.69	191.83	5,562.21	End Turn @ 13938.74ft
17,548.47	7,261.00	361.64	9,167.14	TD Well @ 17548.47ft