

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)**

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

**BOST FARM 41N-8A-L**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

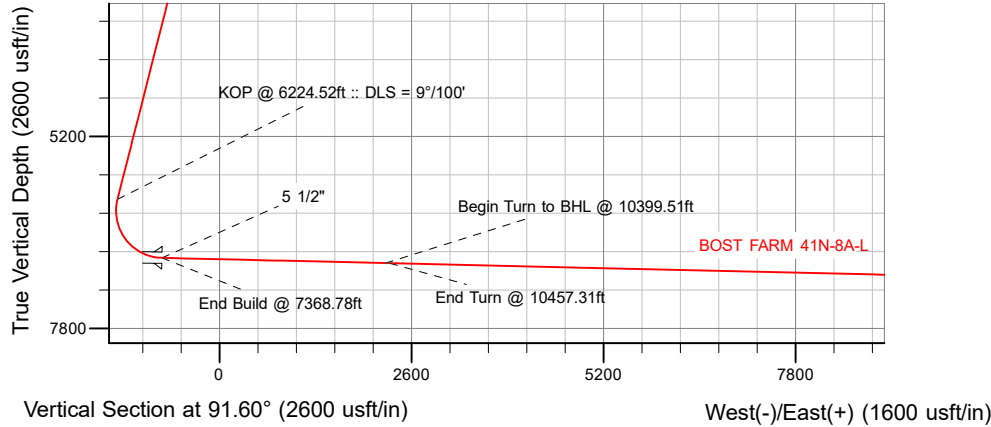
**28 December, 2017**

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

# SRC ENERGY

## CASING DETAILS

TVD	MD	Name	Size
1750.00	1783.03	9 5/8"	9-5/8
6846.00	7368.78	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	969.00	14.38	264.50	961.48	-8.60	-89.34	2.00	264.50	-89.07	
4	6224.52	14.38	264.50	6052.34	-133.70	-1388.55	0.00	0.00	-1384.28	
5	7368.78	88.67	89.81	6846.00	-150.08	-786.47	9.00	-174.55	-781.97	
6	10399.51	88.67	89.81	6916.58	-140.00	2243.43	0.00	0.00	2246.46	BOST FARM 41N-8A-L_tgt
7	10457.31	88.67	90.97	6917.93	-140.39	2301.21	2.00	90.01	2304.24	
8	17331.62	88.67	90.97	7078.00	-256.21	9172.68	0.00	0.00	9176.26	BOST FARM 41N-8A-L_BHL

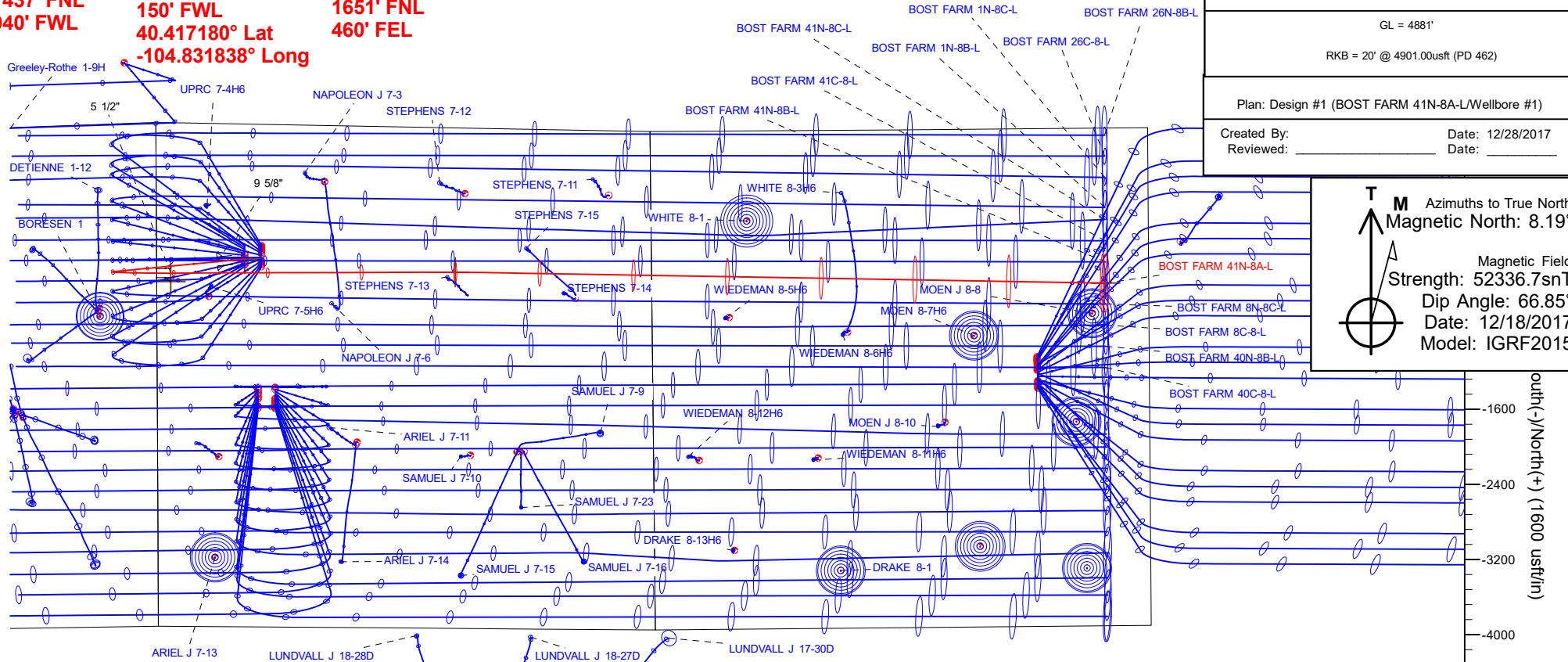
### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
BOST FARM 41N-8A-L_SHL	0.00	0.00	0.00	40.417592	-104.829013
BOST FARM 41N-8A-L_BHL	7078.00	-256.21	9172.68	40.416884	-104.796070

**SHL**  
1437' FNL  
940' FWL

**LP**  
1601' FNL  
150' FWL  
40.417180° Lat  
-104.831838° Long

**BHL**  
1651' FNL  
460' FEL



### WELL DETAILS: BOST FARM 41N-8A-L

GL = 4881'

RKB = 20' @ 4901.00usft (PD 462)

Plan: Design #1 (BOST FARM 41N-8A-L/Wellbore #1)

Created By: \_\_\_\_\_ Date: 12/28/2017

Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_

**T** Azimuths to True North  
**M** Azimuths to Magnetic North: 8.19°

Magnetic Field  
 Strength: 52336.7snT  
 Dip Angle: 66.85°  
 Date: 12/18/2017  
 Model: IGRF2015

(+) North (-) South  
 (1600 usft/in)

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## Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BOST FARM 41N-8A-L
<b>Company:</b>	SRC ENERGY	<b>TVD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>MD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Site:</b>	5N-66W-07 BOST FARM 5-7 PAD	<b>North Reference:</b>	True
<b>Well:</b>	BOST FARM 41N-8A-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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

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

<b>Well</b>	BOST FARM 41N-8A-L					
<b>Well Position</b>	<b>+N-S</b>	-138.44 usft	<b>Northing:</b>	1,395,675.95 usft	<b>Latitude:</b>	40.417592
	<b>+E-W</b>	-181.26 usft	<b>Easting:</b>	3,186,826.55 usft	<b>Longitude:</b>	-104.829013
<b>Position Uncertainty</b>		3.28 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	4,881.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	12/18/2017	8.19	66.85	52,336.67324032

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	91.60

<b>Plan Survey Tool Program</b>	<b>Date</b>	12/28/2017			
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>	
1	0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2 Fixed:v2:crustal field declinatio	
2	1,750.00	17,331.62	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2 Fixed:v2:crustal field declinatio	

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## Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BOST FARM 41N-8A-L
<b>Company:</b>	SRC ENERGY	<b>TVD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>MD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Site:</b>	5N-66W-07 BOST FARM 5-7 PAD	<b>North Reference:</b>	True
<b>Well:</b>	BOST FARM 41N-8A-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	
969.00	14.38	264.50	961.48	-8.60	-89.34	2.00	2.00	0.00	264.50	
6,224.52	14.38	264.50	6,052.34	-133.70	-1,388.55	0.00	0.00	0.00	0.00	
7,368.78	88.67	89.81	6,846.00	-150.08	-786.47	9.00	6.49	-15.27	-174.55	
10,399.51	88.67	89.81	6,916.58	-140.00	2,243.43	0.00	0.00	0.00	0.00	BOST FARM 41N-8A-
10,457.31	88.67	90.97	6,917.93	-140.39	2,301.21	2.00	0.00	2.00	90.01	
17,331.62	88.67	90.97	7,078.00	-256.21	9,172.68	0.00	0.00	0.00	0.00	BOST FARM 41N-8A-

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## Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BOST FARM 41N-8A-L
<b>Company:</b>	SRC ENERGY	<b>TVD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>MD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Site:</b>	5N-66W-07 BOST FARM 5-7 PAD	<b>North Reference:</b>	True
<b>Well:</b>	BOST FARM 41N-8A-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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
<b>Begin Nudge @ 250.00ft</b>									
300.00	1.00	264.50	300.00	-0.04	-0.43	-0.43	2.00	2.00	0.00
400.00	3.00	264.50	399.93	-0.38	-3.91	-3.90	2.00	2.00	0.00
500.00	5.00	264.50	499.68	-1.04	-10.85	-10.82	2.00	2.00	0.00
600.00	7.00	264.50	599.13	-2.05	-21.26	-21.19	2.00	2.00	0.00
700.00	9.00	264.50	698.15	-3.38	-35.11	-35.00	2.00	2.00	0.00
800.00	11.00	264.50	796.63	-5.04	-52.39	-52.23	2.00	2.00	0.00
900.00	13.00	264.50	894.44	-7.04	-73.09	-72.86	2.00	2.00	0.00
969.00	14.38	264.50	961.48	-8.60	-89.34	-89.07	2.00	2.00	0.00
<b>End Nudge @ 969.00ft</b>									
1,000.00	14.38	264.50	991.50	-9.34	-97.00	-96.71	0.00	0.00	0.00
1,100.00	14.38	264.50	1,088.37	-11.72	-121.73	-121.35	0.00	0.00	0.00
1,200.00	14.38	264.50	1,185.24	-14.10	-146.45	-146.00	0.00	0.00	0.00
1,300.00	14.38	264.50	1,282.11	-16.48	-171.17	-170.64	0.00	0.00	0.00
1,400.00	14.38	264.50	1,378.97	-18.86	-195.89	-195.28	0.00	0.00	0.00
1,500.00	14.38	264.50	1,475.84	-21.24	-220.61	-219.93	0.00	0.00	0.00
1,600.00	14.38	264.50	1,572.71	-23.62	-245.33	-244.57	0.00	0.00	0.00
1,700.00	14.38	264.50	1,669.57	-26.00	-270.05	-269.22	0.00	0.00	0.00
1,783.03	14.38	264.50	1,750.00	-27.98	-290.58	-289.68	0.00	0.00	0.00
<b>9 5/8"</b>									
1,800.00	14.38	264.50	1,766.44	-28.38	-294.77	-293.86	0.00	0.00	0.00
1,900.00	14.38	264.50	1,863.31	-30.76	-319.49	-318.51	0.00	0.00	0.00
2,000.00	14.38	264.50	1,960.17	-33.14	-344.21	-343.15	0.00	0.00	0.00
2,100.00	14.38	264.50	2,057.04	-35.52	-368.93	-367.80	0.00	0.00	0.00
2,200.00	14.38	264.50	2,153.91	-37.90	-393.65	-392.44	0.00	0.00	0.00
2,300.00	14.38	264.50	2,250.78	-40.28	-418.38	-417.09	0.00	0.00	0.00
2,400.00	14.38	264.50	2,347.64	-42.67	-443.10	-441.73	0.00	0.00	0.00
2,500.00	14.38	264.50	2,444.51	-45.05	-467.82	-466.38	0.00	0.00	0.00
2,600.00	14.38	264.50	2,541.38	-47.43	-492.54	-491.02	0.00	0.00	0.00
2,700.00	14.38	264.50	2,638.24	-49.81	-517.26	-515.67	0.00	0.00	0.00
2,800.00	14.38	264.50	2,735.11	-52.19	-541.98	-540.31	0.00	0.00	0.00
2,900.00	14.38	264.50	2,831.98	-54.57	-566.70	-564.96	0.00	0.00	0.00
3,000.00	14.38	264.50	2,928.84	-56.95	-591.42	-589.60	0.00	0.00	0.00
3,100.00	14.38	264.50	3,025.71	-59.33	-616.14	-614.25	0.00	0.00	0.00
3,200.00	14.38	264.50	3,122.58	-61.71	-640.86	-638.89	0.00	0.00	0.00
3,300.00	14.38	264.50	3,219.45	-64.09	-665.58	-663.53	0.00	0.00	0.00
3,400.00	14.38	264.50	3,316.31	-66.47	-690.30	-688.18	0.00	0.00	0.00
3,500.00	14.38	264.50	3,413.18	-68.85	-715.03	-712.82	0.00	0.00	0.00
3,600.00	14.38	264.50	3,510.05	-71.23	-739.75	-737.47	0.00	0.00	0.00
3,700.00	14.38	264.50	3,606.91	-73.61	-764.47	-762.11	0.00	0.00	0.00
3,800.00	14.38	264.50	3,703.78	-75.99	-789.19	-786.76	0.00	0.00	0.00
3,900.00	14.38	264.50	3,800.65	-78.37	-813.91	-811.40	0.00	0.00	0.00
4,000.00	14.38	264.50	3,897.51	-80.75	-838.63	-836.05	0.00	0.00	0.00
4,100.00	14.38	264.50	3,994.38	-83.13	-863.35	-860.69	0.00	0.00	0.00
4,200.00	14.38	264.50	4,091.25	-85.51	-888.07	-885.34	0.00	0.00	0.00
4,300.00	14.38	264.50	4,188.11	-87.89	-912.79	-909.98	0.00	0.00	0.00
4,400.00	14.38	264.50	4,284.98	-90.27	-937.51	-934.63	0.00	0.00	0.00
4,500.00	14.38	264.50	4,381.85	-92.65	-962.23	-959.27	0.00	0.00	0.00
4,600.00	14.38	264.50	4,478.72	-95.03	-986.95	-983.92	0.00	0.00	0.00

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## Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BOST FARM 41N-8A-L
<b>Company:</b>	SRC ENERGY	<b>TVD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>MD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Site:</b>	5N-66W-07 BOST FARM 5-7 PAD	<b>North Reference:</b>	True
<b>Well:</b>	BOST FARM 41N-8A-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	14.38	264.50	4,575.58	-97.41	-1,011.68	-1,008.56	0.00	0.00	0.00	
4,800.00	14.38	264.50	4,672.45	-99.79	-1,036.40	-1,033.21	0.00	0.00	0.00	
4,900.00	14.38	264.50	4,769.32	-102.17	-1,061.12	-1,057.85	0.00	0.00	0.00	
5,000.00	14.38	264.50	4,866.18	-104.55	-1,085.84	-1,082.50	0.00	0.00	0.00	
5,100.00	14.38	264.50	4,963.05	-106.93	-1,110.56	-1,107.14	0.00	0.00	0.00	
5,200.00	14.38	264.50	5,059.92	-109.32	-1,135.28	-1,131.78	0.00	0.00	0.00	
5,300.00	14.38	264.50	5,156.78	-111.70	-1,160.00	-1,156.43	0.00	0.00	0.00	
5,400.00	14.38	264.50	5,253.65	-114.08	-1,184.72	-1,181.07	0.00	0.00	0.00	
5,500.00	14.38	264.50	5,350.52	-116.46	-1,209.44	-1,205.72	0.00	0.00	0.00	
5,600.00	14.38	264.50	5,447.39	-118.84	-1,234.16	-1,230.36	0.00	0.00	0.00	
5,700.00	14.38	264.50	5,544.25	-121.22	-1,258.88	-1,255.01	0.00	0.00	0.00	
5,800.00	14.38	264.50	5,641.12	-123.60	-1,283.60	-1,279.65	0.00	0.00	0.00	
5,900.00	14.38	264.50	5,737.99	-125.98	-1,308.33	-1,304.30	0.00	0.00	0.00	
6,000.00	14.38	264.50	5,834.85	-128.36	-1,333.05	-1,328.94	0.00	0.00	0.00	
6,100.00	14.38	264.50	5,931.72	-130.74	-1,357.77	-1,353.59	0.00	0.00	0.00	
6,200.00	14.38	264.50	6,028.59	-133.12	-1,382.49	-1,378.23	0.00	0.00	0.00	
6,224.52	14.38	264.50	6,052.34	-133.70	-1,388.55	-1,384.28	0.00	0.00	0.00	
<b>KOP @ 6224.52ft :: DLS = 9°/100'</b>										
6,250.00	12.10	263.46	6,077.14	-134.31	-1,394.35	-1,390.06	9.00	-8.95	-4.08	
6,300.00	7.64	259.66	6,126.39	-135.50	-1,402.83	-1,398.50	9.00	-8.91	-7.61	
6,350.00	3.31	245.73	6,176.15	-136.70	-1,407.43	-1,403.06	9.00	-8.66	-27.85	
6,400.00	2.00	132.25	6,226.12	-137.88	-1,408.10	-1,403.70	9.00	-2.62	-226.97	
6,450.00	6.13	102.47	6,275.99	-139.04	-1,404.84	-1,400.41	9.00	8.25	-59.55	
6,500.00	10.56	97.04	6,325.45	-140.18	-1,397.69	-1,393.23	9.00	8.87	-10.85	
6,550.00	15.03	94.81	6,374.19	-141.29	-1,386.67	-1,382.19	9.00	8.95	-4.46	
6,600.00	19.52	93.59	6,421.92	-142.35	-1,371.87	-1,367.36	9.00	8.97	-2.45	
6,650.00	24.01	92.81	6,468.35	-143.38	-1,353.36	-1,348.83	9.00	8.98	-1.56	
6,700.00	28.50	92.27	6,513.18	-144.35	-1,331.26	-1,326.72	9.00	8.99	-1.09	
6,750.00	33.00	91.86	6,556.13	-145.26	-1,305.72	-1,301.16	9.00	8.99	-0.82	
6,800.00	37.50	91.54	6,596.96	-146.11	-1,276.89	-1,272.31	9.00	8.99	-0.64	
6,850.00	41.99	91.28	6,635.39	-146.90	-1,244.93	-1,240.35	9.00	8.99	-0.52	
6,900.00	46.49	91.06	6,671.20	-147.61	-1,210.07	-1,205.47	9.00	8.99	-0.44	
6,950.00	50.99	90.87	6,704.17	-148.24	-1,172.50	-1,167.90	9.00	9.00	-0.38	
7,000.00	55.49	90.71	6,734.09	-148.79	-1,132.45	-1,127.86	9.00	9.00	-0.33	
7,050.00	59.98	90.56	6,760.77	-149.25	-1,090.19	-1,085.59	9.00	9.00	-0.30	
7,100.00	64.48	90.42	6,784.06	-149.63	-1,045.96	-1,041.37	9.00	9.00	-0.27	
7,150.00	68.98	90.30	6,803.80	-149.92	-1,000.04	-995.46	9.00	9.00	-0.25	
7,200.00	73.48	90.18	6,819.89	-150.11	-952.71	-948.15	9.00	9.00	-0.24	
7,250.00	77.98	90.07	6,832.21	-150.22	-904.26	-899.72	9.00	9.00	-0.23	
7,300.00	82.48	89.96	6,840.69	-150.23	-855.00	-850.47	9.00	9.00	-0.22	
7,350.00	86.98	89.85	6,845.29	-150.14	-805.23	-800.72	9.00	9.00	-0.21	
7,368.78	88.67	89.81	6,846.00	-150.08	-786.46	-781.96	9.00	9.00	-0.21	
<b>End Build @ 7368.78ft - 5 1/2"</b>										
7,400.00	88.67	89.81	6,846.73	-149.98	-755.25	-750.77	0.00	0.00	0.00	
7,500.00	88.67	89.81	6,849.06	-149.65	-655.28	-650.84	0.00	0.00	0.00	
7,600.00	88.67	89.81	6,851.39	-149.32	-555.30	-550.92	0.00	0.00	0.00	
7,700.00	88.67	89.81	6,853.71	-148.98	-455.33	-450.99	0.00	0.00	0.00	
7,800.00	88.67	89.81	6,856.04	-148.65	-355.36	-351.07	0.00	0.00	0.00	
7,900.00	88.67	89.81	6,858.37	-148.32	-255.39	-251.15	0.00	0.00	0.00	
8,000.00	88.67	89.81	6,860.70	-147.98	-155.41	-151.22	0.00	0.00	0.00	
8,100.00	88.67	89.81	6,863.03	-147.65	-55.44	-51.30	0.00	0.00	0.00	
8,200.00	88.67	89.81	6,865.36	-147.32	44.53	48.63	0.00	0.00	0.00	
8,300.00	88.67	89.81	6,867.69	-146.99	144.50	148.55	0.00	0.00	0.00	
8,400.00	88.67	89.81	6,870.02	-146.65	244.47	248.47	0.00	0.00	0.00	

# Hewlett-Packard

## Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BOST FARM 41N-8A-L
<b>Company:</b>	SRC ENERGY	<b>TVD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>MD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Site:</b>	5N-66W-07 BOST FARM 5-7 PAD	<b>North Reference:</b>	True
<b>Well:</b>	BOST FARM 41N-8A-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	88.67	89.81	6,872.34	-146.32	344.45	348.40	0.00	0.00	0.00	
8,600.00	88.67	89.81	6,874.67	-145.99	444.42	448.32	0.00	0.00	0.00	
8,700.00	88.67	89.81	6,877.00	-145.66	544.39	548.25	0.00	0.00	0.00	
8,800.00	88.67	89.81	6,879.33	-145.32	644.36	648.17	0.00	0.00	0.00	
8,900.00	88.67	89.81	6,881.66	-144.99	744.34	748.09	0.00	0.00	0.00	
9,000.00	88.67	89.81	6,883.99	-144.66	844.31	848.02	0.00	0.00	0.00	
9,100.00	88.67	89.81	6,886.32	-144.32	944.28	947.94	0.00	0.00	0.00	
9,200.00	88.67	89.81	6,888.65	-143.99	1,044.25	1,047.87	0.00	0.00	0.00	
9,300.00	88.67	89.81	6,890.98	-143.66	1,144.23	1,147.79	0.00	0.00	0.00	
9,400.00	88.67	89.81	6,893.30	-143.33	1,244.20	1,247.71	0.00	0.00	0.00	
9,500.00	88.67	89.81	6,895.63	-142.99	1,344.17	1,347.64	0.00	0.00	0.00	
9,600.00	88.67	89.81	6,897.96	-142.66	1,444.14	1,447.56	0.00	0.00	0.00	
9,700.00	88.67	89.81	6,900.29	-142.33	1,544.11	1,547.49	0.00	0.00	0.00	
9,800.00	88.67	89.81	6,902.62	-141.99	1,644.09	1,647.41	0.00	0.00	0.00	
9,900.00	88.67	89.81	6,904.95	-141.66	1,744.06	1,747.33	0.00	0.00	0.00	
10,000.00	88.67	89.81	6,907.28	-141.33	1,844.03	1,847.26	0.00	0.00	0.00	
10,100.00	88.67	89.81	6,909.61	-141.00	1,944.00	1,947.18	0.00	0.00	0.00	
10,200.00	88.67	89.81	6,911.93	-140.66	2,043.98	2,047.11	0.00	0.00	0.00	
10,300.00	88.67	89.81	6,914.26	-140.33	2,143.95	2,147.03	0.00	0.00	0.00	
10,399.51	88.67	89.81	6,916.58	-140.00	2,243.43	2,246.46	0.00	0.00	0.00	
<b>Begin Turn to BHL @ 10399.51ft</b>										
10,457.31	88.67	90.97	6,917.93	-140.39	2,301.21	2,304.24	2.00	0.00	2.00	
<b>End Turn @ 10457.31ft</b>										
10,500.00	88.67	90.97	6,918.92	-141.11	2,343.89	2,346.91	0.00	0.00	0.00	
10,600.00	88.67	90.97	6,921.25	-142.79	2,443.84	2,446.88	0.00	0.00	0.00	
10,700.00	88.67	90.97	6,923.58	-144.48	2,543.80	2,546.85	0.00	0.00	0.00	
10,800.00	88.67	90.97	6,925.91	-146.16	2,643.76	2,646.81	0.00	0.00	0.00	
10,900.00	88.67	90.97	6,928.23	-147.85	2,743.72	2,746.78	0.00	0.00	0.00	
11,000.00	88.67	90.97	6,930.56	-149.53	2,843.68	2,846.75	0.00	0.00	0.00	
11,100.00	88.67	90.97	6,932.89	-151.22	2,943.64	2,946.71	0.00	0.00	0.00	
11,200.00	88.67	90.97	6,935.22	-152.90	3,043.60	3,046.68	0.00	0.00	0.00	
11,300.00	88.67	90.97	6,937.55	-154.59	3,143.56	3,146.65	0.00	0.00	0.00	
11,400.00	88.67	90.97	6,939.88	-156.27	3,243.51	3,246.61	0.00	0.00	0.00	
11,500.00	88.67	90.97	6,942.21	-157.96	3,343.47	3,346.58	0.00	0.00	0.00	
11,600.00	88.67	90.97	6,944.53	-159.64	3,443.43	3,446.55	0.00	0.00	0.00	
11,700.00	88.67	90.97	6,946.86	-161.33	3,543.39	3,546.51	0.00	0.00	0.00	
11,800.00	88.67	90.97	6,949.19	-163.01	3,643.35	3,646.48	0.00	0.00	0.00	
11,900.00	88.67	90.97	6,951.52	-164.70	3,743.31	3,746.45	0.00	0.00	0.00	
12,000.00	88.67	90.97	6,953.85	-166.38	3,843.27	3,846.41	0.00	0.00	0.00	
12,100.00	88.67	90.97	6,956.18	-168.07	3,943.22	3,946.38	0.00	0.00	0.00	
12,200.00	88.67	90.97	6,958.51	-169.75	4,043.18	4,046.35	0.00	0.00	0.00	
12,300.00	88.67	90.97	6,960.83	-171.44	4,143.14	4,146.31	0.00	0.00	0.00	
12,400.00	88.67	90.97	6,963.16	-173.12	4,243.10	4,246.28	0.00	0.00	0.00	
12,500.00	88.67	90.97	6,965.49	-174.81	4,343.06	4,346.25	0.00	0.00	0.00	
12,600.00	88.67	90.97	6,967.82	-176.49	4,443.02	4,446.21	0.00	0.00	0.00	
12,700.00	88.67	90.97	6,970.15	-178.18	4,542.98	4,546.18	0.00	0.00	0.00	
12,800.00	88.67	90.97	6,972.48	-179.86	4,642.94	4,646.15	0.00	0.00	0.00	
12,900.00	88.67	90.97	6,974.81	-181.55	4,742.89	4,746.11	0.00	0.00	0.00	
13,000.00	88.67	90.97	6,977.13	-183.23	4,842.85	4,846.08	0.00	0.00	0.00	
13,100.00	88.67	90.97	6,979.46	-184.92	4,942.81	4,946.05	0.00	0.00	0.00	
13,200.00	88.67	90.97	6,981.79	-186.60	5,042.77	5,046.01	0.00	0.00	0.00	
13,300.00	88.67	90.97	6,984.12	-188.29	5,142.73	5,145.98	0.00	0.00	0.00	
13,400.00	88.67	90.97	6,986.45	-189.97	5,242.69	5,245.95	0.00	0.00	0.00	
13,500.00	88.67	90.97	6,988.78	-191.65	5,342.65	5,345.91	0.00	0.00	0.00	

# Hewlett-Packard

## Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BOST FARM 41N-8A-L
<b>Company:</b>	SRC ENERGY	<b>TVD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>MD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Site:</b>	5N-66W-07 BOST FARM 5-7 PAD	<b>North Reference:</b>	True
<b>Well:</b>	BOST FARM 41N-8A-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	88.67	90.97	6,991.11	-193.34	5,442.60	5,445.88	0.00	0.00	0.00	
13,700.00	88.67	90.97	6,993.43	-195.02	5,542.56	5,545.85	0.00	0.00	0.00	
13,800.00	88.67	90.97	6,995.76	-196.71	5,642.52	5,645.81	0.00	0.00	0.00	
13,900.00	88.67	90.97	6,998.09	-198.39	5,742.48	5,745.78	0.00	0.00	0.00	
14,000.00	88.67	90.97	7,000.42	-200.08	5,842.44	5,845.75	0.00	0.00	0.00	
14,100.00	88.67	90.97	7,002.75	-201.76	5,942.40	5,945.71	0.00	0.00	0.00	
14,200.00	88.67	90.97	7,005.08	-203.45	6,042.36	6,045.68	0.00	0.00	0.00	
14,300.00	88.67	90.97	7,007.41	-205.13	6,142.32	6,145.65	0.00	0.00	0.00	
14,400.00	88.67	90.97	7,009.73	-206.82	6,242.27	6,245.62	0.00	0.00	0.00	
14,500.00	88.67	90.97	7,012.06	-208.50	6,342.23	6,345.58	0.00	0.00	0.00	
14,600.00	88.67	90.97	7,014.39	-210.19	6,442.19	6,445.55	0.00	0.00	0.00	
14,700.00	88.67	90.97	7,016.72	-211.87	6,542.15	6,545.52	0.00	0.00	0.00	
14,800.00	88.67	90.97	7,019.05	-213.56	6,642.11	6,645.48	0.00	0.00	0.00	
14,900.00	88.67	90.97	7,021.38	-215.24	6,742.07	6,745.45	0.00	0.00	0.00	
15,000.00	88.67	90.97	7,023.71	-216.93	6,842.03	6,845.42	0.00	0.00	0.00	
15,100.00	88.67	90.97	7,026.04	-218.61	6,941.99	6,945.38	0.00	0.00	0.00	
15,200.00	88.67	90.97	7,028.36	-220.30	7,041.94	7,045.35	0.00	0.00	0.00	
15,300.00	88.67	90.97	7,030.69	-221.98	7,141.90	7,145.32	0.00	0.00	0.00	
15,400.00	88.67	90.97	7,033.02	-223.67	7,241.86	7,245.28	0.00	0.00	0.00	
15,500.00	88.67	90.97	7,035.35	-225.35	7,341.82	7,345.25	0.00	0.00	0.00	
15,600.00	88.67	90.97	7,037.68	-227.04	7,441.78	7,445.22	0.00	0.00	0.00	
15,700.00	88.67	90.97	7,040.01	-228.72	7,541.74	7,545.18	0.00	0.00	0.00	
15,800.00	88.67	90.97	7,042.34	-230.41	7,641.70	7,645.15	0.00	0.00	0.00	
15,900.00	88.67	90.97	7,044.66	-232.09	7,741.65	7,745.12	0.00	0.00	0.00	
16,000.00	88.67	90.97	7,046.99	-233.78	7,841.61	7,845.08	0.00	0.00	0.00	
16,100.00	88.67	90.97	7,049.32	-235.46	7,941.57	7,945.05	0.00	0.00	0.00	
16,200.00	88.67	90.97	7,051.65	-237.15	8,041.53	8,045.02	0.00	0.00	0.00	
16,300.00	88.67	90.97	7,053.98	-238.83	8,141.49	8,144.98	0.00	0.00	0.00	
16,400.00	88.67	90.97	7,056.31	-240.51	8,241.45	8,244.95	0.00	0.00	0.00	
16,500.00	88.67	90.97	7,058.64	-242.20	8,341.41	8,344.92	0.00	0.00	0.00	
16,600.00	88.67	90.97	7,060.96	-243.88	8,441.37	8,444.88	0.00	0.00	0.00	
16,700.00	88.67	90.97	7,063.29	-245.57	8,541.32	8,544.85	0.00	0.00	0.00	
16,800.00	88.67	90.97	7,065.62	-247.25	8,641.28	8,644.82	0.00	0.00	0.00	
16,900.00	88.67	90.97	7,067.95	-248.94	8,741.24	8,744.78	0.00	0.00	0.00	
17,000.00	88.67	90.97	7,070.28	-250.62	8,841.20	8,844.75	0.00	0.00	0.00	
17,100.00	88.67	90.97	7,072.61	-252.31	8,941.16	8,944.72	0.00	0.00	0.00	
17,200.00	88.67	90.97	7,074.94	-253.99	9,041.12	9,044.68	0.00	0.00	0.00	
17,300.00	88.67	90.97	7,077.26	-255.68	9,141.08	9,144.65	0.00	0.00	0.00	
17,331.62	88.67	90.97	7,078.00	-256.21	9,172.68	9,176.26	0.00	0.00	0.00	
<b>TD Well @ 17331.62ft</b>										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,783.03	1,750.00	9 5/8"	9-5/8	13-1/2	
7,368.78	6,846.00	5 1/2"	5-1/2	8-1/2	

# Hewlett-Packard

## Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well BOST FARM 41N-8A-L
<b>Company:</b>	SRC ENERGY	<b>TVD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>MD Reference:</b>	RKB = 20' @ 4901.00usft (PD 462)
<b>Site:</b>	5N-66W-07 BOST FARM 5-7 PAD	<b>North Reference:</b>	True
<b>Well:</b>	BOST FARM 41N-8A-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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
969.00	961.48	-8.60	-89.34	End Nudge @ 969.00ft
6,224.52	6,052.34	-133.70	-1,388.55	KOP @ 6224.52ft :: DLS = 9°/100'
7,368.78	6,846.00	-150.08	-786.47	End Build @ 7368.78ft
10,399.51	6,916.58	-140.00	2,243.43	Begin Turn to BHL @ 10399.51ft
10,457.31	6,917.93	-140.39	2,301.21	End Turn @ 10457.31ft
17,331.62	7,078.00	-256.21	9,172.68	TD Well @ 17331.62ft