

# SRC ENERGY

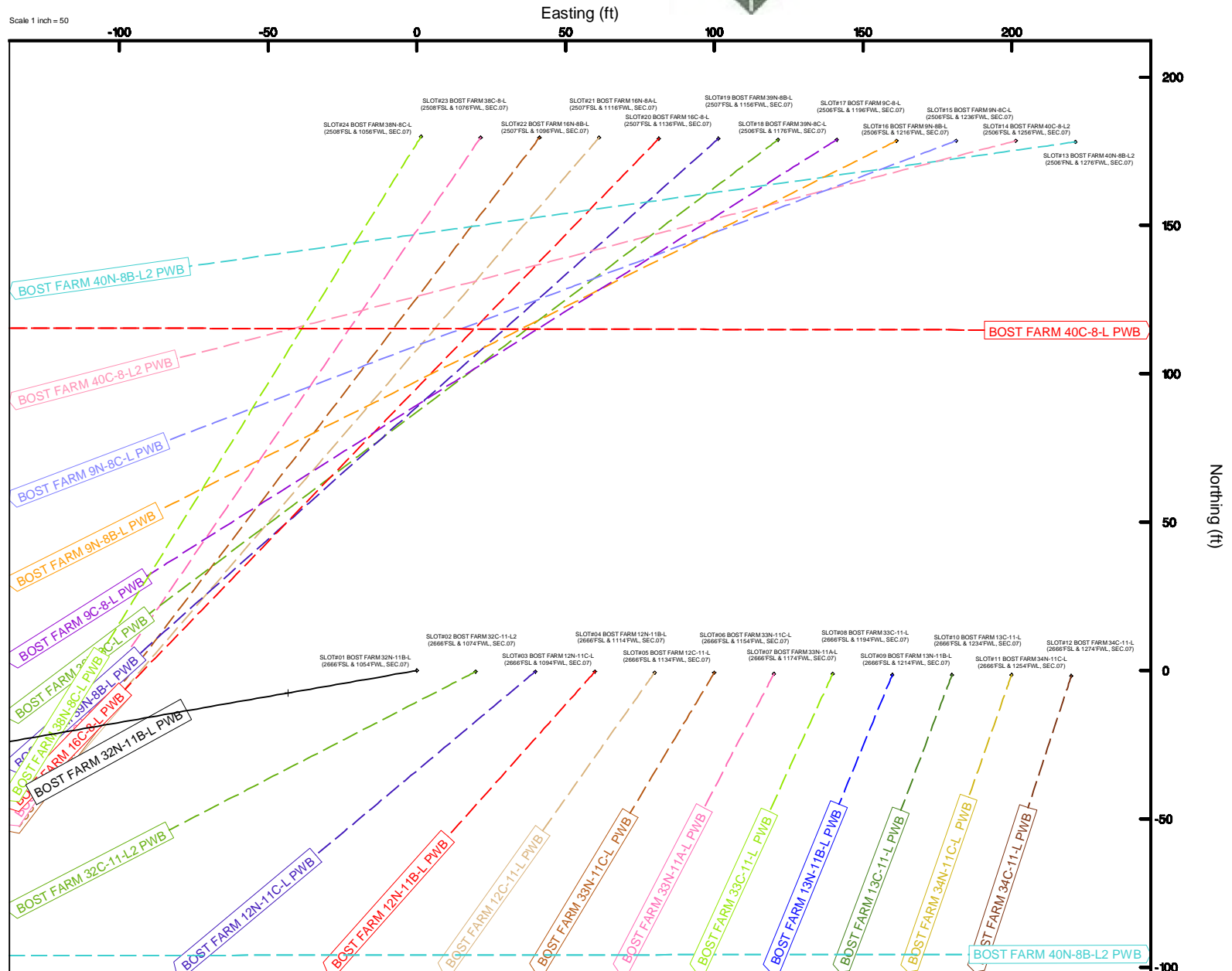
Location: COLORADO  
Field: WELD COUNTY (NAD83, TRUE NORTH)  
Facility: SEC.07-T05N-R66W

Slot: SLOT#01 BOST FARM 32N-11B-L (2666'FSL & 1054'FWL, SEC.07)  
Well: BOST FARM 32N-11B-L  
Wellbore: BOST FARM 32N-11B-L PWB



SRC ENERGY

BAKER  
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a GE company



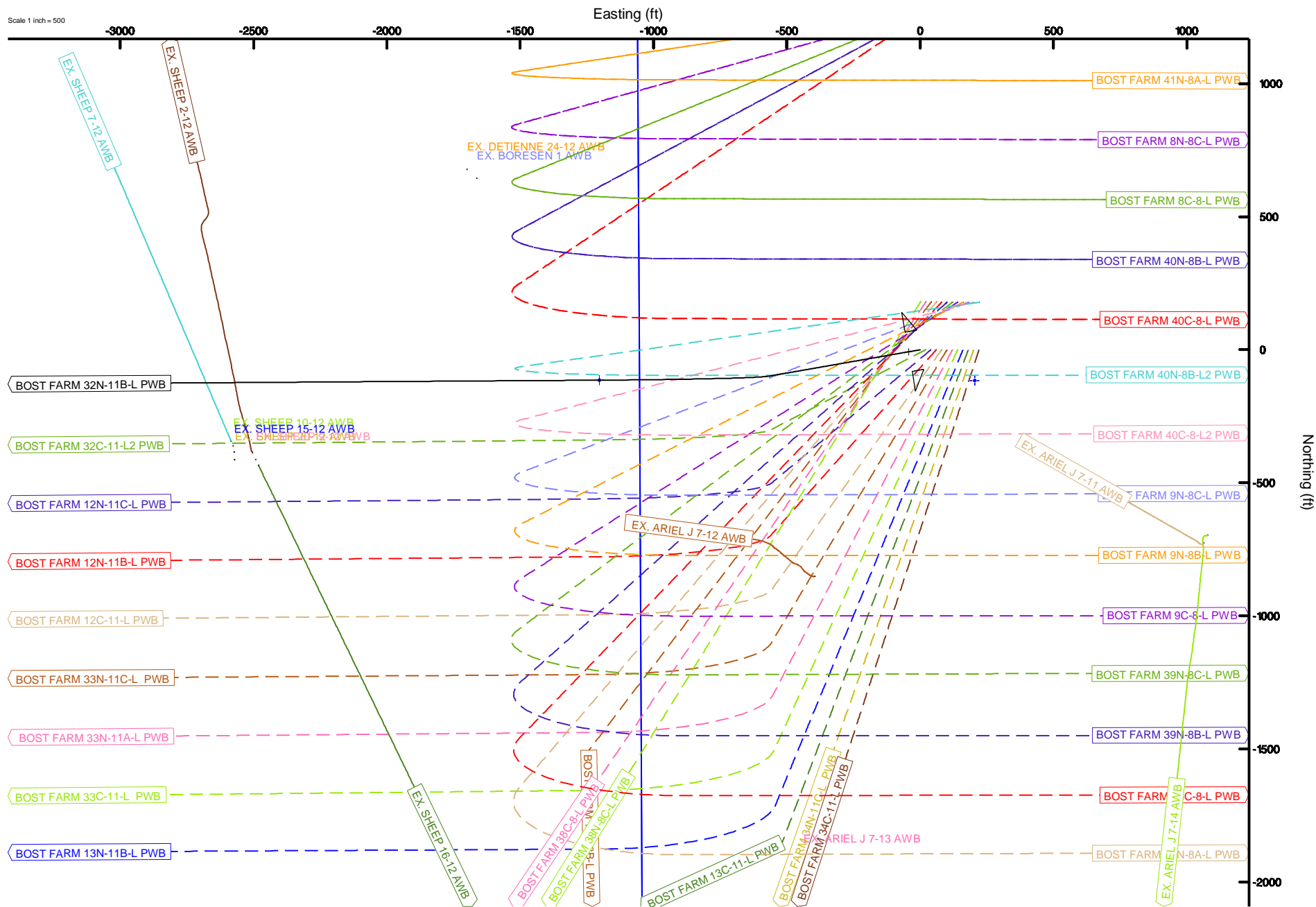
# SRC ENERGY

Location: COLORADO Slot: SLOT#01 BOST FARM 32N-11B-L (2666'FSL & 1054'FWL, SEC.07)  
Field: WELD COUNTY (NAD83,TRUE NORTH) Well: BOST FARM 32N-11B-L  
Facility: SEC.07-T05N-R66W Wellbore: BOST FARM 32N-11B-L PWB



SRC ENERGY

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# Clearance Report

## BOST FARM 34C-11-L (REV-B.0) PWP

### Closest Approach

Page 1 of 135



#### REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

#### REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.1
North Reference	True	User	Bushjamh
Scale	0.999961	Report Generated	10/18/2018 at 8:36:43 PM
Convergence at slot	0.43° East	Database/Source file	Denver/BOST FARM 34C-11-L (REV-B.0) PWP CR.xml

#### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	113.67	15.86	3187176.59	1394423.57	40°24'50.929"N	104°49'40.044"W
Facility Reference Pt			3187161.59	1394309.79	40°24'49.806"N	104°49'40.249"W
Field Reference Pt			3171284.48	1426358.81	40°30'07.643"N	104°53'02.634"W

#### WELLPATH DATUM

Calculation method	Minimum Curvature	PROPETRO 12 (4') (RKB) to Facility Vertical Datum	4876.00ft
Horizontal Reference Pt	Slot	PROPETRO 12 (4') (RKB) to Mean Sea Level	4876.00ft
Vertical Reference Pt	PROPETRO 12 (4') (RKB)	PROPETRO 12 (4') (RKB) to Mud Line at Slot (SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07))	4876.00ft
MD Reference Pt	PROPETRO 12 (4') (RKB)		
Field Vertical Reference	Mean Sea Level		

#### POSITIONAL UNCERTAINTY CALCULATION SETTINGS

Ellipse Confidence Limit	3.00 Std Dev	Ellipse Start MD	4.00ft	Surface Position Uncertainty	Included
Declination	8.31° East of TN	Dip Angle	66.80°	Mag Field Strength	52262 nT
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD		Horizontal	3.200ft	Vertical	3.000ft

Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 2 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

ANTI-COLLISION RULE			
Rule Name	Baker Hughes Stop Drilling (offset is HSE risk)	Rule Based On	Ratio
Plane of Rule	Closest Approach	Threshold Value	1.00
Include Casing & Hole Size	yes	Apply Cone of Safety	no

HOLE & CASING SECTIONS - Ref Wellbore: BOST FARM 34C-11-L PWB    Ref Wellpath: BOST FARM 34C-11-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1684.16	0.00	0.00	-391.78	-127.66
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1684.16	0.00	0.00	-391.78	-127.66
8.5in Open Hole	1750.00	18133.95	16383.95	1684.16	7112.00	-391.78	-127.66	-2612.77	-11354.17

SURVEY PROGRAM - Ref Wellbore: BOST FARM 34C-11-L PWB    Ref Wellpath: BOST FARM 34C-11-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 34C-11-L PWB
1750.00	18133.95	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 34C-11-L PWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 3 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CALCULATION RANGE & CUTOFF		
From: 4.00ft MD	To: 18133.95ft MD	C-C Cutoff: 200.00 ft

OFFSET WELL CLEARANCE SUMMARY (90 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane										
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio		
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]
SEC.07-T05N-R66W	SLOT#56 EX. ARIEL J 7-13 (670'FSL & 664'FWL, SI-CODL-7451'TD)	EX. ARIEL J 7-13	EX. ARIEL J 7-13 AWB	EX. ARIEL J 7-13 AWP	6127.31	29.25	6127.31	6124.07	0.09	6124.07
SEC.07-T05N-R66W	SLOT#11 BOST FARM 34N-11C-L (2666'FSL & 1254'FWL, SEC.07)	BOST FARM 34N-11C-L	BOST FARM 34N-11C-L PWB	BOST FARM 34N-11C-L (REV-B.0) PWP	304.00	19.22	18132.38	18132.38	0.74	18132.38
SEC.07-T05N-R66W	SLOT#24 BOST FARM 38N-8C-L (2508'FSL & 1056'FWL, SEC.07)	BOST FARM 38N-8C-L	BOST FARM 38N-8C-L PWB	BOST FARM 38N-8C-L (REV-B.0) PWP	7860.62	76.35	7860.62	7863.89	0.85	7863.89
SEC.07-T05N-R66W	SLOT#10 BOST FARM 13C-11-L (2666'FSL & 1234'FWL, SEC.07)	BOST FARM 13C-11-L	BOST FARM 13C-11-L PWB	BOST FARM 13C-11-L (REV-B.0) PWP	365.86	38.28	18130.78	18130.78	1.19	18130.78
SEC.11-T05N-R67W	SLOT#02 EX. UPRR 49 PAN AM B #1 (660'FSL & 660'FWL, PR/7860'TD)	EX. UPRR 49 PAN AM B #1	EX. UPRR 49 PAN AM B #1 AWB	EX. UPRR 49 PAN AM B #1 AWP	17819.09	565.00	17819.09	17811.72	1.35	17811.72
SEC.07-T05N-R66W	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)	BOST FARM 13N-11B-L	BOST FARM 13N-11B-L PWB	BOST FARM 13N-11B-L (REV-B.0) PWP	428.02	57.94	18126.58	18126.58	1.90	18126.58
SEC.07-T05N-R66W	SLOT#23 BOST FARM 38C-8-L (2508'FSL & 1076'FWL, SEC.07)	BOST FARM 38C-8-L	BOST FARM 38C-8-L PWB	BOST FARM 38C-8-L (REV-B.0) PWP	7981.36	189.66	7981.36	7988.26	2.13	7988.26
SEC.07-T05N-R66W	SLOT#08 BOST FARM 33C-11-L (2666'FSL & 1194'FWL, SEC.07)	BOST FARM 33C-11-L	BOST FARM 33C-11-L PWB	BOST FARM 33C-11-L (REV-B.0) PWP	471.43	76.48	18127.75	18127.75	2.34	18127.75
SEC.07-T05N-R66W	SLOT#07 BOST FARM 33N-11A-L (2666'FSL & 1174'FWL, SEC.07)	BOST FARM 33N-11A-L	BOST FARM 33N-11A-L PWB	BOST FARM 33N-11A-L (REV-B.0) PWP	516.73	95.28	18125.06	18125.06	3.14	18125.06
SEC.07-T05N-R66W	SLOT#06 BOST FARM 33N-11C-L (2666'FSL & 1154'FWL, SEC.07)	BOST FARM 33N-11C-L	BOST FARM 33N-11C-L PWB	BOST FARM 33N-11C-L (REV-B.0) PWP	554.00	114.45	18123.23	18123.23	3.59	18123.23
SEC.07-T05N-R66W	SLOT#22 BOST FARM 16N-8B-L (2507'FSL & 1096'FWL, SEC.07)	BOST FARM 16N-8B-L	BOST FARM 16N-8B-L PWB	BOST FARM 16N-8B-L (REV-B.0) PWP	4.00	254.71	7496.16	7496.16	3.64	7496.16
SEC.12-T05N-R67W	SLOT#01 EX. TRI POINT 12-3B (1925'FSL & 1450'FWL, SI-CODL-7490'TD)	EX. TRI POINT 12-3B	EX. TRI POINT 12-3B AWB	EX. TRI POINT 12-3B AWP	11797.77	1746.30	11797.77	11797.77	3.72	11820.17
SEC.07-T05N-R66W	SLOT#05 BOST FARM 12C-11-L (2666'FSL & 1134'FWL, SEC.07)	BOST FARM 12C-11-L	BOST FARM 12C-11-L PWB	BOST FARM 12C-11-L (REV-B.0) PWP	592.93	133.51	18123.00	18123.00	4.15	18123.00
SEC.07-T05N-R66W	SLOT#04 BOST FARM 12N-11B-L (2666'FSL & 1114'FWL, SEC.07)	BOST FARM 12N-11B-L	BOST FARM 12N-11B-L PWB	BOST FARM 12N-11B-L (REV-B.0) PWP	629.00	152.69	18104.00	18133.95	4.77	18133.95
SEC.12-T05N-R67W	SLOT#05 EX. SHEEP 20-12 (2266'FSL & 1511'FEL, PR/NB-CD/7464'TD)	EX. SHEEP 20-12	EX. SHEEP 20-12 AWB	EX. SHEEP 20-12 AWP	9549.08	2135.98	9549.08	9580.62	4.83	9580.62
SEC.12-T05N-R67W	SLOT#08 EX. SHEEP 9-12 (2268'FSL & 1439'FEL, PR/NB-CD/7441'TD)	EX. SHEEP 9-12	EX. SHEEP 9-12 AWB	EX. SHEEP 9-12 AWP	9471.17	2135.28	9471.17	9471.17	4.84	9471.17
SEC.12-T05N-R67W	SLOT#03 EX. SHEEP 15-12 (2294'FSL & 1520'FEL, PR/NB-CD/7701'TD)	EX. SHEEP 15-12	EX. SHEEP 15-12 AWB	EX. SHEEP 15-12 AWP	9554.00	2164.42	9554.00	9584.46	4.89	9584.46
SEC.12-T05N-R67W	SLOT#02 EX. SHEEP 10-12 (2323'FSL & 1529'FEL, PR/NB-CD/7371'TD)	EX. SHEEP 10-12	EX. SHEEP 10-12 AWB	EX. SHEEP 10-12 AWP	9554.00	2187.77	9554.00	9604.00	4.95	9604.00
SEC.12-T05N-R67W	SLOT#04 EX. SHEEP 16-12 (2240'FSL & 1430'FEL, PR/NB-CD/7793'TD)	EX. SHEEP 16-12	EX. SHEEP 16-12 AWB	EX. SHEEP 16-12 AWP	8708.22	523.58	8708.22	8763.11	4.96	8763.11
SEC.07-T05N-R66W	SLOT#03 BOST FARM 12N-11C-L (2666'FSL & 1094'FWL, SEC.07)	BOST FARM 12N-11C-L	BOST FARM 12N-11C-L PWB	BOST FARM 12N-11C-L (REV-B.0) PWP	657.38	171.75	18104.00	18133.95	5.35	18133.95
SEC.07-T05N-R66W	SLOT#21 BOST FARM 16N-8A-L (2507'FSL & 1116'FWL, SEC.07)	BOST FARM 16N-8A-L	BOST FARM 16N-8A-L PWB	BOST FARM 16N-8A-L (REV-B.0) PWP	4.00	241.06	7264.55	7264.55	5.72	7264.55
SEC.07-T05N-R66W	SLOT#02 BOST FARM 32C-11-L2 (2666'FSL & 1074'FWL, SEC.07)	BOST FARM 32C-11-L2	BOST FARM 32C-11-L2 PWB	BOST FARM 32C-11-L2 (REV-B.0) PWP	690.89	190.82	18104.00	18133.95	5.91	18133.95
SEC.07-T05N-R66W	SLOT#01 BOST FARM 32N-11B-L (2666'FSL & 1054'FWL, SEC.07)	BOST FARM 32N-11B-L	BOST FARM 32N-11B-L PWB	BOST FARM 32N-11B-L (REV-B.0) PWP	718.18	209.73	18104.00	18133.95	6.54	18133.95
SEC.12-T05N-R67W	SLOT#09 EX. BORESEN 1 (2040'FNL & 600'FEL, PR/NB-CD/7244'TD)	EX. BORESEN 1	EX. BORESEN 1 AWB	EX. BORESEN 1 AWP	4.00	1989.22	8604.00	8455.79	7.36	8704.00
SEC.12-T05N-R67W	SLOT#10 EX. DETIENNE 24-12 (2008'FNL & 641'FEL, PR/NB-CD/7396'TD)	EX. DETIENNE 24-12	EX. DETIENNE 24-12 AWB	EX. DETIENNE 24-12 AWP	4.00	2035.61	8704.00	8455.82	7.37	8704.00



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 4 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CALCULATION RANGE & CUTOFF

From: 4.00ft MD	To: 18133.95ft MD	C-C Cutoff: 200.00 ft
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## OFFSET WELL CLEARANCE SUMMARY (90 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.07-T05N-R66W	SLOT#20 BOST FARM 16C-8-L (2507'FSL & 1136'FWL, SEC.07)	BOST FARM 16C-8-L	BOST FARM 16C-8-L PWB	BOST FARM 16C-8-L (REV-B.0) PWP	4.00	228.07	7504.00	7504.00	9.48	7504.00	PASS
SEC.07-T05N-R66W	SLOT#19 BOST FARM 39N-8B-L (2507'FSL & 1156'FWL, SEC.07)	BOST FARM 39N-8B-L	BOST FARM 39N-8B-L PWB	BOST FARM 39N-8B-L (REV-B.0) PWP	4.00	216.46	7204.00	7253.57	11.59	7253.57	PASS
SEC.11-T05N-R67W	SLOT#03 EX. SKYWAY 22-11 (2069'FNL & 468'FWL, PR/7921'TD)	EX. SKYWAY 22-11	EX. SKYWAY 22-11 AWB	EX. SKYWAY 22-11 AWP	17154.00	2626.75	17154.00	17361.72	11.64	17361.72	PASS
SEC.07-T05N-R66W	SLOT#55 EX. ARIEL J 7-12 (1813'FSL & 660'FWL, PA-CODL-7370'TD)	EX. ARIEL J 7-12	EX. ARIEL J 7-12 AWB	EX. ARIEL J 7-12 AWP	3239.51	371.90	3239.51	3397.86	12.00	3397.86	PASS
SEC.07-T05N-R66W	SLOT#18 BOST FARM 39N-8C-L (2506'FSL & 1176'FWL, SEC.07)	BOST FARM 39N-8C-L	BOST FARM 39N-8C-L PWB	BOST FARM 39N-8C-L (REV-B.0) PWP	4.00	205.84	7239.20	7324.81	14.85	7324.81	PASS
SEC.07-T05N-R66W	SLOT#17 BOST FARM 9C-8-L (2506'FSL & 1196'FWL, SEC.07)	BOST FARM 9C-8-L	BOST FARM 9C-8-L PWB	BOST FARM 9C-8-L (REV-B.0) PWP	4.00	197.14	7204.00	1714.62	15.94	7304.00	PASS
SEC.08-T05N-R66W	SLOT#05 EX. DRAKE 8-1 (660'FSL & 1980'FWL, PA/NB-CD/7400'TD)	EX. DRAKE 8-1	EX. DRAKE 8-1 AWB	EX. DRAKE 8-1 AWP	866.50	6354.86	866.50	7633.27	16.46	7633.27	PASS
SEC.07-T05N-R66W	SLOT#16 BOST FARM 9N-8B-L (2506'FSL & 1216'FWL, SEC.07)	BOST FARM 9N-8B-L	BOST FARM 9N-8B-L PWB	BOST FARM 9N-8B-L (REV-B.0) PWP	4.00	189.67	6904.00	1725.09	16.93	7104.00	PASS
SEC.07-T05N-R66W	SLOT#15 BOST FARM 9N-8C-L (2506'FSL & 1236'FWL, SEC.07)	BOST FARM 9N-8C-L	BOST FARM 9N-8C-L PWB	BOST FARM 9N-8C-L (REV-B.0) PWP	4.00	184.44	6904.00	1734.96	18.14	7104.00	PASS
SEC.07-T05N-R66W	SLOT#14 BOST FARM 40C-8-L2 (2506'FSL & 1256'FWL, SEC.07)	BOST FARM 40C-8-L2	BOST FARM 40C-8-L2 PWB	BOST FARM 40C-8-L2 (REV-B.0) PWB	4.00	181.30	6904.00	1704.00	19.49	7204.00	PASS
SEC.08-T05N-R66W	SLOT#07 EX. DRAKE 8-15H6 (838'FSL & 2014'FEL, PA-CODL-7553'TD)	EX. DRAKE 8-15H6	EX. DRAKE 8-15H6 AWB	EX. DRAKE 8-15H6 AWP	100.00	7710.97	100.00	7704.00	20.01	7704.00	PASS
SEC.07-T05N-R66W	SLOT#13 BOST FARM 40N-8B-L2 (2506'FNL & 1276'FWL, SEC.07)	BOST FARM 40N-8B-L2	BOST FARM 40N-8B-L2 PWB	BOST FARM 40N-8B-L2 (REV-B.0) PWP	4.00	179.98	6704.00	1704.00	20.74	7004.00	PASS
SEC.08-T05N-R66W	SLOT#08 EX. DRAKE 8-2 (660'FSL & 660'FEL, PA-CODL-7432'TD)	EX. DRAKE 8-2	EX. DRAKE 8-2 AWB	EX. DRAKE 8-2 AWP	100.00	8872.11	100.00	7731.13	22.59	7731.13	PASS
SEC.07-T05N-R66W	SLOT#57 EX. ARIEL J 7-14 (1939'FSL & 2157'FWL, SI-CODL-7710'TD)	EX. ARIEL J 7-14	EX. ARIEL J 7-14 AWB	EX. ARIEL J 7-14 AWP	1716.50	1018.11	1716.50	7265.45	24.19	7265.45	PASS
SEC.11-T05N-R67W	SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR)	EX. ARTIST 11-12	EX. ARTIST 11-12 AWB	EX. ARTIST 11-12 AWP	15052.44	4679.79	15052.44	15977.25	26.47	15977.25	PASS
SEC.18-T05N-R66W	SLOT#03 EX. LUNDVALL J 18-28D (2033'FNL & 1917'FEL, PR/NB-CD/7995'TD)	EX. LUNDVALL J 18-28D	EX. LUNDVALL J 18-28D AWB	EX. LUNDVALL J 18-28D AWP	6799.00	2267.26	6799.00	7435.47	27.37	7435.47	PASS
SEC.12-T05N-R67W	SLOT#07 EX. SHEEP 7-12 (2352'FSL & 1539'FEL, PR/NB-CD/7436'TD)	EX. SHEEP 7-12	EX. SHEEP 7-12 AWB	EX. SHEEP 7-12 AWP	2216.50	2662.95	10004.00	10704.00	27.69	10704.00	PASS
SEC.07-T05N-R66W	SLOT#48 BOST FARM 40C-8-L (1517'FNL & 939'FWL, SEC.07)	BOST FARM 40C-8-L	BOST FARM 40C-8-L PWB	BOST FARM 40C-8-L (REV-A.0) PWP	4.00	1223.41	6704.00	7082.78	32.34	8204.00	PASS
SEC.12-T05N-R67W	SLOT#06 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD/7880'TD)	EX. SHEEP 2-12	EX. SHEEP 2-12 AWB	EX. SHEEP 2-12 AWP	1991.50	2622.85	9904.00	11804.00	35.12	11804.00	PASS
SEC.07-T05N-R66W	SLOT#47 BOST FARM 40N-8B-L (1497'FNL & 939'FWL, SEC.07)	BOST FARM 40N-8B-L	BOST FARM 40N-8B-L PWB	BOST FARM 40N-8B-L (REV-A.0) PWP	4.00	1242.58	6504.00	6880.02	35.36	8204.00	PASS
SEC.07-T05N-R66W	SLOT#54 EX. ARIEL J 7-11 (1950'FSL & 2108'FWL, PA-CODL-7506'TD)	EX. ARIEL J 7-11	EX. ARIEL J 7-11 AWB	EX. ARIEL J 7-11 AWP	2041.50	1007.65	2041.50	3739.44	37.16	3739.44	PASS
SEC.07-T05N-R66W	SLOT#46 BOST FARM 8C-8-L (1477'FNL & 939'FWL, SEC.07)	BOST FARM 8C-8-L	BOST FARM 8C-8-L PWB	BOST FARM 8C-8-L (REV-A.0) PWP	4.00	1261.86	6604.00	8455.66	38.47	8455.66	PASS
SEC.07-T05N-R66W	SLOT#45 BOST FARM 8N-8C-L (1457'FNL & 940'FWL, SEC.07)	BOST FARM 8N-8C-L	BOST FARM 8N-8C-L PWB	BOST FARM 8N-8C-L (REV-A.0) PWP	4.00	1281.10	6404.00	6970.58	41.53	8504.00	PASS
SEC.18-T05N-R66W	SLOT#02 EX. LUNDVALL J 18-27D (2065'FNL & 1894'FEL, PR/CODL/7974'TD)	EX. LUNDVALL J 18-27D	EX. LUNDVALL J 18-27D AWB	EX. LUNDVALL J 18-27D AWP	6116.50	3437.50	6116.50	7504.00	41.55	7504.00	PASS
SEC.07-T05N-R66W	SLOT#59 EX. SAMUEL J 7-15 (1881'FSL & 1422'FEL, SI-CODL-7923'TD)	EX. SAMUEL J 7-15	EX. SAMUEL J 7-15 AWB	EX. SAMUEL J 7-15 AWP	5364.00	2559.23	5364.00	7504.00	43.27	7504.00	PASS



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 5 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CALCULATION RANGE & CUTOFF

From: 4.00ft MD	To: 18133.95ft MD	C-C Cutoff: 200.00 ft
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## OFFSET WELL CLEARANCE SUMMARY (90 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.18-T05N-R66W	SLOT#01 EX. LUNDVALL J 17-30D (2081'FNL & 1882'FEL, PR/NB-CD/8175'TD)	EX. LUNDVALL J 17-30D	EX. LUNDVALL J 17-30D AWB	EX. LUNDVALL J 17-30D AWP	3979.00	4420.80	3979.00	7463.45	43.97	7463.45	PASS
SEC.07-T05N-R66W	SLOT#44 BOST FARM 41N-8A-L (1437'FNL & 940'FWL, SEC.07)	BOST FARM 41N-8A-L	BOST FARM 41N-8A-L PWB	BOST FARM 41N-8A-L (REV-A.0) PWP	4.00	1300.43	100.00	6778.05	44.72	8504.00	PASS
SEC.07-T05N-R66W	SLOT#43 BOST FARM 41N-8B-L (1417'FNL & 940'FWL, SEC.07)	BOST FARM 41N-8B-L	BOST FARM 41N-8B-L PWB	BOST FARM 41N-8B-L (REV-A.0) PWP	4.00	1319.69	100.00	8455.76	45.33	9204.00	PASS
SEC.07-T05N-R66W	SLOT#42 BOST FARM 41C-8-L (1397'FNL & 940'FWL, SEC.07)	BOST FARM 41C-8-L	BOST FARM 41C-8-L PWB	BOST FARM 41C-8-L (REV-A.0) PWP	4.00	1338.71	100.00	8455.83	49.28	9304.00	PASS
SEC.07-T05N-R66W	SLOT#58 EX. SAMUEL J 7-10 (1833'FSL & 1948'FEL, PA-CODL-7484'TD)	EX. SAMUEL J 7-10	EX. SAMUEL J 7-10 AWB	EX. SAMUEL J 7-10 AWP	1466.50	2221.31	1466.50	7504.00	52.41	7504.00	PASS
SEC.07-T05N-R66W	SLOT#41 BOST FARM 41N-8C-L (1377'FNL & 941'FWL, SEC.07)	BOST FARM 41N-8C-L	BOST FARM 41N-8C-L PWB	BOST FARM 41N-8C-L (REV-A.0) PWP	4.00	1358.10	100.00	8455.87	52.71	9604.00	PASS
SEC.07-T05N-R66W	SLOT#40 BOST FARM 1N-8B-L (1357'FNL & 941'FWL, SEC.07)	BOST FARM 1N-8B-L	BOST FARM 1N-8B-L PWB	BOST FARM 1N-8B-L (REV-A.0) PWP	4.00	1377.43	100.00	8455.91	55.85	10004.00	PASS
SEC.07-T05N-R66W	SLOT#39 BOST FARM 1N-8C-L (1337'FNL & 941'FWL, SEC.07)	BOST FARM 1N-8C-L	BOST FARM 1N-8C-L PWB	BOST FARM 1N-8C-L (REV-A.0) PWP	4.00	1396.86	8404.00	10343.41	57.68	10343.41	PASS
SEC.07-T05N-R66W	SLOT#38 BOST FARM 26C-8-L (1317'FNL & 941'FWL, SEC.07)	BOST FARM 26C-8-L	BOST FARM 26C-8-L PWB	BOST FARM 26C-8-L (REV-A.0) PWP	4.00	1416.23	8504.00	10836.28	58.78	10836.28	PASS
SEC.07-T05N-R66W	SLOT#61 EX. SAMUEL J 7-23 (1879'FSL & 1397'FEL, SI/NB-CD/7448'TD)	EX. SAMUEL J 7-23	EX. SAMUEL J 7-23 AWB	EX. SAMUEL J 7-23 AWP	65.95	2730.32	704.00	7567.13	59.40	7567.13	PASS
SEC.07-T05N-R66W	SLOT#37 BOST FARM 26N-8B-L (1297'FNL & 942'FWL, SEC.07)	BOST FARM 26N-8B-L	BOST FARM 26N-8B-L PWB	BOST FARM 26N-8B-L (REV-A.0) PWP	4.00	1435.69	8504.00	10904.00	60.68	10904.00	PASS
SEC.07-T05N-R66W	SLOT#60 EX. SAMUEL J 7-16 (1879'FSL & 1372'FEL, SI/NB-CD/7924'TD)	EX. SAMUEL J 7-16	EX. SAMUEL J 7-16 AWB	EX. SAMUEL J 7-16 AWP	804.00	2753.80	804.00	7604.00	64.71	7604.00	PASS
SEC.08-T05N-R66W	SLOT#10 EX. WIEDEMAN 8-12H6 (1993'FSL & 667'FWL, SI/NB-CD/7418'TD)	EX. WIEDEMAN 8-12H6	EX. WIEDEMAN 8-12H6 AWB	EX. WIEDEMAN 8-12H6 AWP	61.60	4590.24	61.60	7549.31	67.15	7549.31	PASS
SEC.08-T05N-R66W	SLOT#06 EX. DRAKE 8-13H6 (844'FSL & 850'FWL, PR/NB-CD/7500'TD)	EX. DRAKE 8-13H6	EX. DRAKE 8-13H6 AWB	EX. DRAKE 8-13H6 AWP	1804.00	5201.68	1804.00	7604.00	71.77	7604.00	PASS
SEC.07-T05N-R66W	SLOT#62 EX. SAMUEL J 7-9 (1881'FSL & 1447'FEL, SI-CODL-8133'TD)	EX. SAMUEL J 7-9	EX. SAMUEL J 7-9 AWB	EX. SAMUEL J 7-9 AWP	489.00	2683.04	489.00	7593.49	72.45	7593.49	PASS
SEC.08-T05N-R66W	SLOT#09 EX. WIEDEMAN 8-11H6 (2000'FSL & 2002'FWL, SI/NB-CD/7490'TD)	EX. WIEDEMAN 8-11H6	EX. WIEDEMAN 8-11H6 AWB	EX. WIEDEMAN 8-11H6 AWP	65.80	5834.49	65.80	7704.00	84.21	7704.00	PASS
SEC.08-T05N-R66W	SLOT#23 EX WHITE #8-1 (990'FNL & 990'FWL, SEC.08,PR,7884)	EX WHITE #8-1	EX WHITE #8-1 AWB	EX WHITE #8-1 AWP	40.00	5276.87	40.00	7604.00	89.48	7604.00	PASS
SEC.08-T05N-R66W	SLOT#22 TC-HILAND KNOLLS 4-9-11 (2536'FSL&1188'FEL,SEC.8)	TC-HILAND KNOLLS 4-9-11	TC-HILAND KNOLLS 4-9-11 AWB	TC-HILAND KNOLLS 4-9-11 AWP	88.00	8112.60	88.00	7804.00	93.28	13804.00	PASS
SEC.08-T05N-R66W	SLOT#18 TC-HILAND KNOLLS C7-9-11 (2600'FSL & 1189'FEL SEC.8) Drilled	TC-HILAND KNOLLS C7-9-11	TC-HILAND KNOLLS C7-9-11 AWB	TC-HILAND KNOLLS C7-9-11 AWP	100.00	8111.88	104.00	7842.02	95.68	7842.02	PASS
SEC.08-T05N-R66W	SLOT#21 TC-HILAND KNOLLS 3-9-11 (2552'FSL&1188'FEL,SEC.8)	TC-HILAND KNOLLS 3-9-11	TC-HILAND KNOLLS 3-9-11 AWB	TC-HILAND KNOLLS 3-9-11 AWP	100.00	8112.40	100.00	7646.20	100.62	7646.20	PASS
SEC.08-T05N-R66W	SLOT#15 TC-HILAND KNOLLS C6-9-11 (2648'FSL & 1190'FEL SEC.8) Drilled	TC-HILAND KNOLLS C6-9-11	TC-HILAND KNOLLS C6-9-11 AWB	TC-HILAND KNOLLS C6-9-11 AWP	88.00	8108.87	88.00	7604.00	111.58	7604.00	PASS
SEC.08-T05N-R66W	SLOT#19 TC-HILAND KNOLLS 1-9-11 (2584'FSL&1189'FEL,SEC.8)	TC-HILAND KNOLLS 1-9-11	TC-HILAND KNOLLS 1-9-11 AWB	TC-HILAND KNOLLS 1-9-11 AWP	88.00	8112.01	88.00	7696.01	113.97	7696.01	PASS
SEC.08-T05N-R66W	SLOT#20 TC-HILAND KNOLLS 2-9-11 (2568'FSL&1189'FEL,SEC.8)	TC-HILAND KNOLLS 2-9-11	TC-HILAND KNOLLS 2-9-11 AWB	TC-HILAND KNOLLS 2-9-11 AWP	354.00	8107.69	354.00	7604.00	117.10	7604.00	PASS
SEC.08-T05N-R66W	SLOT#17 TC-AIMS 4-9-11 (2616'FSL&1190'FEL,SEC.8)	TC-AIMS 4-9-11	TC-AIMS 4-9-11 AWB	TC-AIMS 4-9-11 AWP	64.00	8111.77	64.00	7613.56	117.91	7613.56	PASS
SEC.08-T05N-R66W	SLOT#12 TC-AIMS C5-9-11 (2606'FNL & 1192'FEL SEC.8) Drilled	TC-AIMS C5-9-11	TC-AIMS C5-9-11 AWB	TC-AIMS C5-9-11 AWP	100.00	8108.94	100.00	7604.00	122.99	7604.00	PASS





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 6 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CALCULATION RANGE & CUTOFF

From: 4.00ft MD	To: 18133.95ft MD	C-C Cutoff: 200.00 ft
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## OFFSET WELL CLEARANCE SUMMARY (90 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.08-T05N-R66W	SLOT#16 TC-AIMS 3-9-11 (2632'FSL&1190'FEL,SEC.8)	TC-AIMS 3-9-11	TC-AIMS 3-9-11 AWB	TC-AIMS 3-9-11 AWP	229.00	8106.62	229.00	7691.34	126.55	7691.34	PASS
SEC.08-T05N-R66W	SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled	TC-COUNTRY CLUB WEST C1-9-11	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB	129.00	8105.66	129.00	7604.00	127.44	7604.00	PASS
SEC.08-T05N-R66W	SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled	TC-COUNTRY CLUB WEST C1-9-11	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWB	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWP	129.00	8105.66	129.00	7604.00	127.44	7604.00	PASS
SEC.08-T05N-R66W	SLOT#06 TC-COUNTRY CLUB WEST C3-9-11 (2510'FNL & 1194'FEL SEC.8) Drilled	TC-COUNTRY CLUB WEST C3-9-11	TC-COUNTRY CLUB WEST C3-9-11 AWB	TC-COUNTRY CLUB WEST C3-9-11 AWP	129.00	8107.12	129.00	7610.73	133.89	7610.73	PASS
SEC.08-T05N-R66W	SLOT#09 TC-AIMS C4-9-11 (2558'FNL & 1193'FEL SEC.8) Drilled	TC-AIMS C4-9-11	TC-AIMS C4-9-11 AWB	TC-AIMS C4-9-11 AWP	254.00	8105.23	254.00	7598.80	143.48	7598.80	PASS
SEC.08-T05N-R66W	SLOT#03 TC-MOISER HILL 3-9-11 (2462'FNL&1195'FEL,SEC.8)	TC-MOISER HILL 3-9-11	TC-MOISER HILL 3-9-11 AWB	TC-MOISER HILL 3-9-11 AWP	100.00	8105.25	100.00	1804.00	150.14	3904.00	PASS
SEC.08-T05N-R66W	SLOT#07 TC-COUNTRY CLUB WEST A2-9-11 (2526'FNL&1193'FEL,SEC.8)	TC-COUNTRY CLUB WEST A2-9-11	TC-COUNTRY CLUB WEST A2-9-11 AWB	TC-COUNTRY CLUB WEST A2-9-11 AWP	104.00	8106.91	104.00	1804.00	150.68	1804.00	PASS
SEC.08-T05N-R66W	SLOT#13 TC-AIMS 1-9-11 (2622'FNL&1191'FEL,SEC.8)	TC-AIMS 1-9-11	TC-AIMS 1-9-11 AWB	TC-AIMS 1-9-11 AWP	304.00	8106.13	304.00	1804.00	151.11	1804.00	PASS
SEC.08-T05N-R66W	SLOT#04 TC-COUNTRY CLUB WEST 1-9-11 (2478'FNL&1194'FEL,SEC.8)	TC-COUNTRY CLUB WEST 1-9-11	TC-COUNTRY CLUB WEST 1-9-11 AWB	TC-COUNTRY CLUB WEST 1-9-11 AWP	104.00	8104.94	116.50	1804.00	151.28	1804.00	PASS
SEC.08-T05N-R66W	SLOT#08 TC-COUNTRY CLUB WEST 3-9-11 (2542'FNL&1193'FEL,SEC.8)	TC-COUNTRY CLUB WEST 3-9-11	TC-Country Club West 3-9-11 AWB	TC-Country Club West 3-9-11 AWP	100.00	8106.67	100.00	1804.00	152.03	3604.00	PASS
SEC.08-T05N-R66W	SLOT#01 TC-MOISER HILL 2-9-11 (2430'FNL&1195'FEL,SEC.8)	TC-MOISER HILL 2-9-11	TC-MOISER HILL 2-9-11 AWB	TC-MOISER HILL 2-9-11 AWP	100.00	8106.04	100.00	1804.00	152.27	2504.00	PASS
SEC.08-T05N-R66W	SLOT#11 TC-COUNTRY CLUB WEST 5-9-11 (2590'FNL&1192'FEL,SEC.8)	TC-COUNTRY CLUB WEST 5-9-11	TC-COUNTRY CLUB WEST 5-9-11 AWB	TC-COUNTRY CLUB WEST 5-9-11 AWP	491.50	8075.41	491.50	1804.00	152.61	3904.00	PASS
SEC.08-T05N-R66W	SLOT#05 TC-COUNTRY CLUB WEST 2-9-11 (2494'FNL&1194'FEL,SEC.8)	TC-COUNTRY CLUB WEST 2-9-11	TC-COUNTRY CLUB WEST 2-9-11 AWB	TC-COUNTRY CLUB WEST 2-9-11 AWP	100.00	8107.38	100.00	1804.00	153.00	3504.00	PASS
SEC.08-T05N-R66W	SLOT#10 TC-COUNTRY CLUB WEST 4-9-11 (2574'FNL&1192'FEL,SEC.8)	TC-COUNTRY CLUB WEST 4-9-11	TC-COUNTRY CLUB WEST 4-9-11 AWB	TC-COUNTRY CLUB WEST 4-9-11 AWP	100.00	8106.38	100.00	1804.00	153.63	3704.00	PASS
SEC.08-T05N-R66W	SLOT#14 TC-AIMS 2-9-11 (2638'FNL&1191'FEL,SEC.8)	TC-AIMS 2-9-11	TC-AIMS 2-9-11 AWB	TC-AIMS 2-9-11 AWP	64.00	8108.86	64.00	1804.00	154.62	3504.00	PASS





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 7 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ARIEL J 7-13 AWB Offset Wellpath: EX. ARIEL J 7-13 AWP												
Facility: SEC.07-T05N-R66W				Slot: SLOT#56 EX. ARIEL J 7-13 (670'FSL & 664'FWL, SI-CODL-7451'TD)				Well: EX. ARIEL J 7-13		Threshold Value=1.00 † = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	36.00	-1922.47	-657.23	-161.13	2031.96	1.27	6688.37	PASS
100.00	100.00	0.00	0.00	60.00	60.00	-1922.47	-657.23	-161.13	2031.71	4.82	526.96	PASS
104.00†	104.00	0.00	0.00	64.00	104.00	-1922.47	-657.23	0.83	2031.70	5.03	498.93	PASS
204.00†	203.98	-1.79	-0.58	163.98	203.98	-1922.47	-657.23	0.83	2029.82	10.78	206.68	PASS
304.00†	303.83	-6.90	-2.25	263.83	303.83	-1922.47	-657.23	0.83	2024.45	16.84	127.48	PASS
404.00†	403.43	-15.32	-4.99	363.43	403.43	-1922.47	-657.23	0.84	2015.59	22.57	93.25	PASS
504.00†	502.66	-27.04	-8.81	462.66	502.66	-1922.47	-657.23	0.85	2003.27	28.13	73.69	PASS
604.00†	601.40	-42.04	-13.70	561.40	601.40	-1922.47	-657.23	0.86	1987.49	33.56	60.94	PASS
704.00†	699.54	-60.32	-19.65	659.54	699.54	-1922.47	-657.23	0.87	1968.28	38.85	51.93	PASS
804.00†	796.94	-81.83	-26.67	756.94	796.94	-1922.47	-657.23	0.89	1945.65	43.99	45.20	PASS
904.00†	893.49	-106.57	-34.73	853.49	893.49	-1922.47	-657.23	0.91	1919.64	48.97	39.97	PASS
1004.00†	989.07	-134.49	-43.83	949.07	989.07	-1922.47	-657.23	0.93	1890.27	53.77	35.78	PASS
1104.00†	1083.57	-165.57	-53.95	1043.57	1083.57	-1922.47	-657.23	0.96	1857.59	58.37	32.34	PASS
1185.68	1159.88	-193.27	-62.98	1119.88	1159.88	-1922.47	-657.23	0.99	1828.46	61.96	29.96	PASS
1204.00†	1176.90	-199.71	-65.08	1136.90	1176.90	-1922.47	-657.23	0.99	1821.68	62.73	29.48	PASS
1304.00†	1269.80	-234.89	-76.54	1229.80	1269.80	-1922.47	-657.23	1.01	1784.69	66.77	27.11	PASS
1404.00†	1362.71	-270.07	-88.00	1322.71	1362.71	-1922.47	-657.23	1.03	1747.70	70.62	25.07	PASS
1504.00†	1455.61	-305.24	-99.47	1415.61	1455.61	-1922.47	-657.23	1.06	1710.71	74.28	23.32	PASS
1604.00†	1548.52	-340.42	-110.93	1508.52	1548.52	-1922.47	-657.23	1.08	1673.72	77.70	21.80	PASS
1704.00†	1641.42	-375.59	-122.39	1601.42	1641.42	-1922.47	-657.23	1.10	1636.72	80.87	20.47	PASS
1804.00†	1734.33	-410.77	-133.85	1694.33	1734.33	-1922.47	-657.23	1.13	1599.73	83.28	19.37	PASS
1904.00†	1827.23	-445.95	-145.32	1787.23	1827.23	-1922.47	-657.23	1.15	1562.74	85.36	18.45	PASS
2004.00†	1920.13	-481.12	-156.78	1880.13	1920.13	-1922.47	-657.23	1.18	1525.75	87.14	17.64	PASS
2104.00†	2013.04	-516.30	-168.24	1973.04	2013.04	-1922.47	-657.23	1.21	1488.76	88.59	16.93	PASS
2204.00†	2105.94	-551.48	-179.71	2065.94	2105.94	-1922.47	-657.23	1.24	1451.77	89.68	16.31	PASS
2304.00†	2198.85	-586.65	-191.17	2158.85	2198.85	-1922.47	-657.23	1.28	1414.79	90.40	15.77	PASS
2404.00†	2291.75	-621.83	-202.63	2251.75	2291.75	-1922.47	-657.23	1.31	1377.80	90.73	15.30	PASS
2504.00†	2384.66	-657.01	-214.09	2344.66	2384.66	-1922.47	-657.23	1.35	1340.81	90.65	14.90	PASS
2604.00†	2477.56	-692.18	-225.56	2437.56	2477.56	-1922.47	-657.23	1.38	1303.82	90.15	14.57	PASS
2704.00†	2570.47	-727.36	-237.02	2530.47	2570.47	-1922.47	-657.23	1.42	1266.83	89.22	14.31	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 8 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ARIEL J 7-13 AWB    Offset Wellpath: EX. ARIEL J 7-13 AWP													
Facility: SEC.07-T05N-R66W			Slot: SLOT#56 EX. ARIEL J 7-13 (670'FSL & 664'FWL, SI-CODL-7451'TD)			Well: EX. ARIEL J 7-13		Threshold Value=1.00    † = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
2804.00†	2663.37	-762.53	-248.48	2623.37	2663.37	-1922.47	-657.23	1.47	1229.85	87.86	14.10	PASS	
2904.00†	2756.27	-797.71	-259.94	2716.27	2756.27	-1922.47	-657.23	1.51	1192.86	86.08	13.96	PASS	
3004.00†	2849.18	-832.89	-271.41	2809.18	2849.18	-1922.47	-657.23	1.56	1155.88	83.91	13.88	PASS	
3104.00†	2942.08	-868.06	-282.87	2902.08	2942.08	-1922.47	-657.23	1.61	1118.89	81.37	13.86	PASS	
3204.00†	3034.99	-903.24	-294.33	2994.99	3034.99	-1922.47	-657.23	1.67	1081.91	78.54	13.89	PASS	
3304.00†	3127.89	-938.42	-305.79	3087.89	3127.89	-1922.47	-657.23	1.73	1044.92	75.50	13.96	PASS	
3404.00†	3220.80	-973.59	-317.26	3180.80	3220.80	-1922.47	-657.23	1.79	1007.94	72.38	14.05	PASS	
3504.00†	3313.70	-1008.77	-328.72	3273.70	3313.70	-1922.47	-657.23	1.86	970.96	69.38	14.13	PASS	
3604.00†	3406.61	-1043.94	-340.18	3366.61	3406.61	-1922.47	-657.23	1.93	933.98	66.75	14.13	PASS	
3704.00†	3499.51	-1079.12	-351.64	3459.51	3499.51	-1922.47	-657.23	2.01	897.00	64.82	13.98	PASS	
3804.00†	3592.41	-1114.30	-363.11	3552.41	3592.41	-1922.47	-657.23	2.10	860.03	64.00	13.58	PASS	
3904.00†	3685.32	-1149.47	-374.57	3645.32	3685.32	-1922.47	-657.23	2.19	823.05	64.67	12.86	PASS	
4004.00†	3778.22	-1184.65	-386.03	3738.22	3778.22	-1922.47	-657.23	2.30	786.08	67.08	11.83	PASS	
4104.00†	3871.13	-1219.83	-397.49	3831.13	3871.13	-1922.47	-657.23	2.41	749.11	71.29	10.60	PASS	
4204.00†	3964.03	-1255.00	-408.96	3924.03	3964.03	-1922.47	-657.23	2.53	712.14	77.17	9.30	PASS	
4304.00†	4056.94	-1290.18	-420.42	4016.94	4056.94	-1922.47	-657.23	2.67	675.18	84.47	8.05	PASS	
4404.00†	4149.84	-1325.35	-431.88	4109.84	4149.84	-1922.47	-657.23	2.83	638.22	92.93	6.91	PASS	
4504.00†	4242.75	-1360.53	-443.35	4202.75	4242.75	-1922.47	-657.23	3.00	601.27	102.32	5.91	PASS	
4604.00†	4335.65	-1395.71	-454.81	4295.65	4335.65	-1922.47	-657.23	3.20	564.32	112.44	5.04	PASS	
4704.00†	4428.55	-1430.88	-466.27	4388.55	4428.55	-1922.47	-657.23	3.42	527.37	123.14	4.30	PASS	
4804.00†	4521.46	-1466.06	-477.73	4481.46	4521.46	-1922.47	-657.23	3.68	490.44	134.29	3.67	PASS	
4904.00†	4614.36	-1501.24	-489.20	4574.36	4614.36	-1922.47	-657.23	3.98	453.51	145.78	3.12	PASS	
5004.00†	4707.27	-1536.41	-500.66	4667.27	4707.27	-1922.47	-657.23	4.33	416.60	157.55	2.65	PASS	
5104.00†	4800.17	-1571.59	-512.12	4760.17	4800.17	-1922.47	-657.23	4.75	379.70	169.51	2.25	PASS	
5204.00†	4893.08	-1606.76	-523.58	4853.08	4893.08	-1922.47	-657.23	5.27	342.83	181.61	1.89	PASS	
5304.00†	4985.98	-1641.94	-535.05	4945.98	4985.98	-1922.47	-657.23	5.90	305.98	193.81	1.58	PASS	
5404.00†	5078.89	-1677.12	-546.51	5038.89	5078.89	-1922.47	-657.23	6.71	269.18	206.10	1.31	PASS	
5504.00†	5171.79	-1712.29	-557.97	5131.79	5171.79	-1922.47	-657.23	7.78	232.43	218.47	1.06	PASS	
5604.00†	5264.69	-1747.47	-569.43	5224.69	5264.69	-1922.47	-657.23	9.24	195.79	230.99	0.85	FAIL	
5704.00†	5357.60	-1782.65	-580.90	5317.60	5357.60	-1922.47	-657.23	11.37	159.30	243.78	0.65	FAIL	

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 9 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ARIEL J 7-13 AWB Offset Wellpath: EX. ARIEL J 7-13 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#56 EX. ARIEL J 7-13 (670'FSL & 664'FWL, SI-CODL-7451'TD) Well: EX. ARIEL J 7-13 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5804.00†	5450.50	-1817.82	-592.36	5410.50	5450.50	-1922.47	-657.23	14.75	123.12	257.24	0.48	FAIL
5904.00†	5543.41	-1853.00	-603.82	5503.41	5543.41	-1922.47	-657.23	20.87	87.63	272.41	0.32	FAIL
6004.00†	5636.31	-1888.18	-615.28	5596.31	5636.31	-1922.47	-657.23	34.62	54.18	292.76	0.18	FAIL
6104.00†	5729.22	-1923.35	-626.75	5689.22	5729.22	-1922.47	-657.23	74.72	30.49	318.69	0.09	FAIL
6124.07†	5747.86	-1930.41	-629.05	5707.87	5747.87	-1922.47	-657.23	87.86	29.28	317.70	0.09	FAIL
6127.31†	5750.87	-1931.55	-629.42	5710.83	5750.83	-1922.47	-657.23	90.00	29.25	317.25	0.09	FAIL
6204.00†	5822.12	-1958.53	-638.21	5782.12	5822.12	-1922.47	-657.23	132.04	40.76	296.80	0.14	FAIL
6304.00†	5915.03	-1993.70	-649.67	5875.03	5915.03	-1922.47	-657.23	154.29	71.63	298.43	0.24	FAIL
6404.00†	6007.93	-2028.88	-661.14	5967.93	6007.93	-1922.47	-657.23	162.91	106.48	308.13	0.34	FAIL
6504.00†	6100.83	-2064.06	-672.60	6060.83	6100.83	-1922.47	-657.23	167.27	142.42	318.33	0.45	FAIL
6604.00†	6193.74	-2099.23	-684.06	6153.74	6193.74	-1922.47	-657.23	169.88	178.79	328.20	0.54	FAIL

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ARIEL J 7-13 AWB Offset Wellpath: EX. ARIEL J 7-13 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. ARIEL J 7-13 AWB Offset Wellpath: EX. ARIEL J 7-13 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7451.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7451>
			Wellbore
			EX. ARIEL J 7-13 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ARIEL J 7-13 AWB Offset Wellpath: EX. ARIEL J 7-13 AWP	
MD Reference: Rig on SLOT#56 EX. ARIEL J 7-13 (670'FSL & 664'FWL, SI-CODL-7451'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 10 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#11 BOST FARM 34N-11C-L (2666'FSL & 1254'FWL, SEC.07) Well: BOST FARM 34N-11C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASH [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	0.36	-20.05	-88.96	20.05	1.56	31.82	PASS
100.00	100.00	0.00	0.00	100.00	100.00	0.36	-20.05	-88.96	20.05	2.16	15.91	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	0.36	-20.05	73.00	20.05	2.20	15.50	PASS
204.00†	203.98	-1.79	-0.58	203.97	203.97	0.36	-20.05	78.28	19.58	3.21	8.28	PASS
304.00†	303.83	-6.90	-2.25	303.82	303.80	-1.41	-20.67	88.55	19.22	4.27	5.52	PASS
404.00†	403.43	-15.32	-4.99	403.79	403.62	-6.48	-22.44	98.85	19.56	5.45	4.15	PASS
504.00†	502.66	-27.04	-8.81	503.88	503.31	-14.84	-25.36	108.43	20.57	6.86	3.32	PASS
604.00†	601.40	-42.04	-13.70	604.09	602.75	-26.50	-29.43	116.81	22.15	8.47	2.82	PASS
704.00†	699.54	-60.32	-19.65	704.43	701.82	-41.46	-34.65	123.83	24.20	10.15	2.53	PASS
804.00†	796.94	-81.83	-26.67	804.88	800.40	-59.70	-41.02	129.56	26.60	11.86	2.35	PASS
904.00†	893.49	-106.57	-34.73	905.46	898.36	-81.23	-48.53	134.18	29.26	13.54	2.25	PASS
1004.00†	989.07	-134.49	-43.83	1006.17	995.57	-106.02	-57.19	137.89	32.11	15.21	2.19	PASS
1104.00†	1083.57	-165.57	-53.95	1106.99	1091.91	-134.06	-66.98	140.86	35.10	16.86	2.15	PASS
1185.68	1159.88	-193.27	-62.98	1189.43	1169.88	-159.36	-75.81	142.85	37.61	18.18	2.13	PASS
1204.00†	1176.90	-199.71	-65.08	1207.94	1187.27	-165.32	-77.89	143.20	38.14	18.50	2.12	PASS
1304.00†	1269.80	-234.89	-76.54	1308.17	1281.10	-198.59	-89.50	144.06	40.16	20.02	2.06	PASS
1404.00†	1362.71	-270.07	-88.00	1408.15	1374.66	-231.87	-101.12	144.75	42.12	21.57	2.00	PASS
1504.00†	1455.61	-305.24	-99.47	1508.13	1468.22	-265.15	-112.74	145.37	44.07	23.13	1.94	PASS
1604.00†	1548.52	-340.42	-110.93	1608.11	1561.78	-298.43	-124.35	145.95	46.04	24.70	1.90	PASS
1704.00†	1641.42	-375.59	-122.39	1708.09	1655.34	-331.71	-135.97	146.47	48.00	26.27	1.86	PASS
1804.00†	1734.33	-410.77	-133.85	1808.07	1748.91	-364.99	-147.59	146.96	49.97	26.77	1.89	PASS
1904.00†	1827.23	-445.95	-145.32	1908.05	1842.47	-398.26	-159.21	147.41	51.95	26.77	1.97	PASS
2004.00†	1920.13	-481.12	-156.78	2008.03	1936.03	-431.54	-170.82	147.82	53.93	26.85	2.04	PASS
2104.00†	2013.04	-516.30	-168.24	2108.01	2029.59	-464.82	-182.44	148.21	55.91	26.95	2.10	PASS
2204.00†	2105.94	-551.48	-179.71	2207.99	2123.15	-498.10	-194.06	148.57	57.89	27.20	2.16	PASS
2304.00†	2198.85	-586.65	-191.17	2307.97	2216.71	-531.38	-205.67	148.90	59.87	27.47	2.21	PASS
2404.00†	2291.75	-621.83	-202.63	2407.95	2310.27	-564.66	-217.29	149.22	61.86	27.81	2.26	PASS
2504.00†	2384.66	-657.01	-214.09	2507.93	2403.83	-597.93	-228.91	149.51	63.85	28.20	2.30	PASS
2604.00†	2477.56	-692.18	-225.56	2607.91	2497.39	-631.21	-240.52	149.79	65.84	28.66	2.33	PASS
2704.00†	2570.47	-727.36	-237.02	2707.89	2590.95	-664.49	-252.14	150.05	67.83	29.17	2.36	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 11 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#11 BOST FARM 34N-11C-L (2666'FSL & 1254'FWL, SEC.07) Well: BOST FARM 34N-11C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2804.00†	2663.37	-762.53	-248.48	2807.87	2684.51	-697.77	-263.76	150.30	69.82	29.73	2.38	PASS
2904.00†	2756.27	-797.71	-259.94	2907.84	2778.07	-731.05	-275.38	150.53	71.81	30.33	2.40	PASS
3004.00†	2849.18	-832.89	-271.41	3007.82	2871.63	-764.32	-286.99	150.75	73.81	30.99	2.41	PASS
3104.00†	2942.08	-868.06	-282.87	3107.80	2965.19	-797.60	-298.61	150.95	75.81	31.68	2.42	PASS
3204.00†	3034.99	-903.24	-294.33	3207.78	3058.75	-830.88	-310.23	151.15	77.80	32.41	2.43	PASS
3304.00†	3127.89	-938.42	-305.79	3307.76	3152.31	-864.16	-321.84	151.34	79.80	33.18	2.44	PASS
3404.00†	3220.80	-973.59	-317.26	3407.74	3245.87	-897.44	-333.46	151.52	81.80	33.99	2.44	PASS
3504.00†	3313.70	-1008.77	-328.72	3507.72	3339.43	-930.72	-345.08	151.69	83.80	34.82	2.44	PASS
3604.00†	3406.61	-1043.94	-340.18	3607.70	3432.99	-963.99	-356.69	151.85	85.80	35.69	2.43	PASS
3704.00†	3499.51	-1079.12	-351.64	3707.68	3526.55	-997.27	-368.31	152.00	87.80	36.58	2.43	PASS
3804.00†	3592.41	-1114.30	-363.11	3807.66	3620.11	-1030.55	-379.93	152.15	89.80	37.50	2.42	PASS
3904.00†	3685.32	-1149.47	-374.57	3907.64	3713.67	-1063.83	-391.55	152.29	91.80	38.43	2.41	PASS
4004.00†	3778.22	-1184.65	-386.03	4007.62	3807.23	-1097.11	-403.16	152.43	93.80	39.40	2.41	PASS
4104.00†	3871.13	-1219.83	-397.49	4107.60	3900.79	-1130.38	-414.78	152.56	95.81	40.38	2.40	PASS
4204.00†	3964.03	-1255.00	-408.96	4207.58	3994.35	-1163.66	-426.40	152.68	97.81	41.37	2.39	PASS
4304.00†	4056.94	-1290.18	-420.42	4307.56	4087.92	-1196.94	-438.01	152.80	99.81	42.39	2.38	PASS
4404.00†	4149.84	-1325.35	-431.88	4407.54	4181.48	-1230.22	-449.63	152.91	101.82	43.42	2.37	PASS
4504.00†	4242.75	-1360.53	-443.35	4507.52	4275.04	-1263.50	-461.25	153.02	103.82	44.47	2.36	PASS
4604.00†	4335.65	-1395.71	-454.81	4607.50	4368.60	-1296.78	-472.86	153.13	105.83	45.53	2.35	PASS
4704.00†	4428.55	-1430.88	-466.27	4707.48	4462.16	-1330.05	-484.48	153.23	107.83	46.60	2.33	PASS
4804.00†	4521.46	-1466.06	-477.73	4807.46	4555.72	-1363.33	-496.10	153.33	109.84	47.68	2.32	PASS
4904.00†	4614.36	-1501.24	-489.20	4907.44	4649.28	-1396.61	-507.72	153.43	111.84	48.78	2.31	PASS
5004.00†	4707.27	-1536.41	-500.66	5007.42	4742.84	-1429.89	-519.33	153.52	113.85	49.88	2.30	PASS
5104.00†	4800.17	-1571.59	-512.12	5107.40	4836.40	-1463.17	-530.95	153.61	115.85	50.99	2.29	PASS
5204.00†	4893.08	-1606.76	-523.58	5207.38	4929.96	-1496.44	-542.57	153.69	117.86	52.12	2.28	PASS
5304.00†	4985.98	-1641.94	-535.05	5307.36	5023.52	-1529.72	-554.18	153.77	119.87	53.25	2.27	PASS
5404.00†	5078.89	-1677.12	-546.51	5407.34	5117.08	-1563.00	-565.80	153.85	121.88	54.39	2.26	PASS
5504.00†	5171.79	-1712.29	-557.97	5507.32	5210.64	-1596.28	-577.42	153.93	123.88	55.53	2.25	PASS
5604.00†	5264.69	-1747.47	-569.43	5607.30	5304.20	-1629.56	-589.03	154.00	125.89	56.69	2.24	PASS
5704.00†	5357.60	-1782.65	-580.90	5707.28	5397.76	-1662.84	-600.65	154.08	127.90	57.85	2.23	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 12 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#11 BOST FARM 34N-11C-L (2666'FSL & 1254'FWL, SEC.07) Well: BOST FARM 34N-11C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5804.00†	5450.50	-1817.82	-592.36	5807.26	5491.32	-1696.11	-612.27	154.15	129.91	59.01	2.22	PASS
5904.00†	5543.41	-1853.00	-603.82	5907.24	5584.88	-1729.39	-623.89	154.21	131.91	60.18	2.21	PASS
6004.00†	5636.31	-1888.18	-615.28	6007.22	5678.44	-1762.67	-635.50	154.28	133.92	61.36	2.20	PASS
6104.00†	5729.22	-1923.35	-626.75	6107.20	5772.00	-1795.95	-647.12	154.34	135.93	62.54	2.19	PASS
6204.00†	5822.12	-1958.53	-638.21	6207.18	5865.56	-1829.23	-658.74	154.41	137.94	63.72	2.18	PASS
6304.00†	5915.03	-1993.70	-649.67	6307.16	5959.12	-1862.50	-670.35	154.47	139.95	64.92	2.17	PASS
6404.00†	6007.93	-2028.88	-661.14	6407.13	6052.68	-1895.78	-681.97	154.52	141.96	66.11	2.16	PASS
6504.00†	6100.83	-2064.06	-672.60	6507.11	6146.24	-1929.06	-693.59	154.58	143.97	67.31	2.15	PASS
6604.00†	6193.74	-2099.23	-684.06	6607.09	6239.80	-1962.34	-705.20	154.64	145.98	68.51	2.14	PASS
6704.00†	6286.64	-2134.41	-695.52	6707.07	6333.37	-1995.62	-716.82	154.69	147.99	69.72	2.13	PASS
6804.00†	6379.55	-2169.59	-706.99	6807.05	6426.93	-2028.90	-728.44	154.74	150.00	70.93	2.13	PASS
6904.00†	6472.45	-2204.76	-718.45	6907.03	6520.49	-2062.17	-740.06	154.79	152.00	72.14	2.12	PASS
7004.00†	6565.36	-2239.94	-729.91	7007.01	6614.05	-2095.45	-751.67	154.84	154.01	73.35	2.11	PASS
7104.00†	6658.26	-2275.11	-741.37	7105.50	6705.96	-2128.19	-764.89	154.24	156.26	74.59	2.11	PASS
7204.00†	6751.17	-2310.29	-752.84	7200.28	6791.93	-2159.10	-789.76	149.30	160.89	76.01	2.13	PASS
7239.20	6783.87	-2322.67	-756.87	7232.37	6820.11	-2169.30	-801.22	146.62	163.71	76.55	2.15	PASS
7304.00†	6843.59	-2345.36	-767.56	7290.02	6869.20	-2187.19	-825.56	128.52	170.41	77.41	2.21	PASS
7404.00†	6932.83	-2379.58	-796.62	7376.69	6938.53	-2212.70	-870.76	107.15	182.70	78.31	2.35	PASS
7504.00†	7016.60	-2412.10	-840.27	7461.01	6999.74	-2235.53	-923.97	92.23	196.13	78.64	2.51	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-L (REV-B.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 13 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1694.57	0.22	-12.22	-105.25	-49.04
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1694.57	0.22	-12.22	-105.25	-49.04
8.5in Open Hole	1750.00	17950.95	16200.95	1694.57	N/A	-105.25	-49.04	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 34N-11C-L PWB
1750.00	17950.95	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 34N-11C-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 14 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 38N-8C-L PWB Offset Wellpath: BOST FARM 38N-8C-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#24 BOST FARM 38N-8C-L (2508'FSL & 1056'FWL, SEC.07) Well: BOST FARM 38N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	7.00	4.00	181.79	-218.59	-50.25	284.31	1.57	464.90	PASS
100.00	100.00	0.00	0.00	103.00	100.00	181.79	-218.59	-50.25	284.31	2.17	234.24	PASS
104.00†	104.00	0.00	0.00	107.00	104.00	181.79	-218.59	111.70	284.31	2.21	227.31	PASS
204.00†	203.98	-1.79	-0.58	206.98	203.98	181.79	-218.59	112.04	285.01	3.26	123.58	PASS
304.00†	303.83	-6.90	-2.25	307.76	304.76	181.30	-218.90	112.89	286.98	4.45	81.97	PASS
404.00†	403.43	-15.32	-4.99	409.35	406.27	178.02	-220.92	113.73	289.86	5.65	61.58	PASS
504.00†	502.66	-27.04	-8.81	511.09	507.73	171.68	-224.84	114.47	293.57	6.91	49.21	PASS
604.00†	601.40	-42.04	-13.70	612.98	609.01	162.26	-230.67	115.12	298.11	8.23	40.87	PASS
704.00†	699.54	-60.32	-19.65	715.00	709.96	149.76	-238.39	115.67	303.46	9.66	34.78	PASS
804.00†	796.94	-81.83	-26.67	817.15	810.45	134.20	-248.01	116.12	309.59	11.12	30.38	PASS
904.00†	893.49	-106.57	-34.73	919.40	910.33	115.57	-259.53	116.47	316.49	12.89	26.45	PASS
1004.00†	989.07	-134.49	-43.83	1021.75	1009.45	93.90	-272.92	116.72	324.13	14.73	23.47	PASS
1104.00†	1083.57	-165.57	-53.95	1124.19	1107.69	69.22	-288.18	116.88	332.52	16.73	21.03	PASS
1185.68	1159.88	-193.27	-62.98	1207.92	1187.17	46.83	-302.02	116.95	339.90	18.48	19.34	PASS
1204.00†	1176.90	-199.71	-65.08	1226.71	1204.89	41.54	-305.29	116.98	341.59	18.85	19.04	PASS
1304.00†	1269.80	-234.89	-76.54	1329.34	1300.99	10.88	-324.24	116.79	350.33	21.22	17.25	PASS
1404.00†	1362.71	-270.07	-88.00	1431.92	1395.68	-22.67	-344.98	116.03	358.23	23.68	15.73	PASS
1504.00†	1455.61	-305.24	-99.47	1534.18	1488.60	-58.96	-367.41	114.75	365.43	26.30	14.38	PASS
1604.00†	1548.52	-340.42	-110.93	1635.43	1579.09	-97.61	-391.30	113.00	372.15	29.08	13.20	PASS
1704.00†	1641.42	-375.59	-122.39	1734.47	1667.06	-136.30	-415.22	111.18	379.03	31.70	12.30	PASS
1804.00†	1734.33	-410.77	-133.85	1833.51	1755.03	-175.00	-439.13	109.42	386.28	32.74	12.04	PASS
1904.00†	1827.23	-445.95	-145.32	1932.54	1843.00	-213.69	-463.05	107.72	393.89	32.94	12.20	PASS
2004.00†	1920.13	-481.12	-156.78	2031.58	1930.97	-252.38	-486.97	106.09	401.83	33.18	12.35	PASS
2104.00†	2013.04	-516.30	-168.24	2130.62	2018.95	-291.07	-510.88	104.53	410.08	33.46	12.50	PASS
2204.00†	2105.94	-551.48	-179.71	2229.65	2106.92	-329.76	-534.80	103.03	418.63	33.78	12.64	PASS
2304.00†	2198.85	-586.65	-191.17	2328.69	2194.89	-368.46	-558.72	101.58	427.46	34.15	12.76	PASS
2404.00†	2291.75	-621.83	-202.63	2427.72	2282.86	-407.15	-582.63	100.20	436.54	34.55	12.88	PASS
2504.00†	2384.66	-657.01	-214.09	2526.76	2370.83	-445.84	-606.55	98.87	445.88	35.00	12.98	PASS
2604.00†	2477.56	-692.18	-225.56	2625.80	2458.81	-484.53	-630.47	97.60	455.44	35.48	13.08	PASS
2704.00†	2570.47	-727.36	-237.02	2724.83	2546.78	-523.23	-654.38	96.38	465.22	36.01	13.16	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 15 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 38N-8C-L PWB Offset Wellpath: BOST FARM 38N-8C-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#24 BOST FARM 38N-8C-L (2508'FSL & 1056'FWL, SEC.07) Well: BOST FARM 38N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2804.00†	2663.37	-762.53	-248.48	2823.87	2634.75	-561.92	-678.30	95.21	475.20	36.57	13.23	PASS
2904.00†	2756.27	-797.71	-259.94	2922.91	2722.72	-600.61	-702.22	94.08	485.37	37.17	13.29	PASS
3004.00†	2849.18	-832.89	-271.41	3021.94	2810.70	-639.30	-726.13	93.01	495.72	37.81	13.34	PASS
3104.00†	2942.08	-868.06	-282.87	3120.98	2898.67	-677.99	-750.05	91.98	506.23	38.48	13.38	PASS
3204.00†	3034.99	-903.24	-294.33	3220.02	2986.64	-716.69	-773.97	90.99	516.91	39.18	13.42	PASS
3304.00†	3127.89	-938.42	-305.79	3319.05	3074.61	-755.38	-797.89	90.04	527.73	39.92	13.44	PASS
3404.00†	3220.80	-973.59	-317.26	3418.09	3162.58	-794.07	-821.80	89.12	538.69	40.69	13.46	PASS
3504.00†	3313.70	-1008.77	-328.72	3517.12	3250.56	-832.76	-845.72	88.25	549.78	41.48	13.47	PASS
3604.00†	3406.61	-1043.94	-340.18	3616.16	3338.53	-871.46	-869.64	87.41	560.99	42.31	13.47	PASS
3704.00†	3499.51	-1079.12	-351.64	3715.20	3426.50	-910.15	-893.55	86.60	572.32	43.16	13.47	PASS
3804.00†	3592.41	-1114.30	-363.11	3814.23	3514.47	-948.84	-917.47	85.82	583.75	44.03	13.46	PASS
3904.00†	3685.32	-1149.47	-374.57	3913.27	3602.44	-987.53	-941.39	85.07	595.29	44.93	13.45	PASS
4004.00†	3778.22	-1184.65	-386.03	4012.31	3690.42	-1026.22	-965.30	84.36	606.93	45.85	13.43	PASS
4104.00†	3871.13	-1219.83	-397.49	4111.34	3778.39	-1064.92	-989.22	83.66	618.66	46.79	13.41	PASS
4204.00†	3964.03	-1255.00	-408.96	4210.38	3866.36	-1103.61	-1013.14	83.00	630.47	47.76	13.39	PASS
4304.00†	4056.94	-1290.18	-420.42	4309.42	3954.33	-1142.30	-1037.05	82.36	642.36	48.74	13.36	PASS
4404.00†	4149.84	-1325.35	-431.88	4408.45	4042.31	-1180.99	-1060.97	81.74	654.34	49.74	13.33	PASS
4504.00†	4242.75	-1360.53	-443.35	4507.49	4130.28	-1219.69	-1084.89	81.14	666.38	50.76	13.30	PASS
4604.00†	4335.65	-1395.71	-454.81	4606.52	4218.25	-1258.38	-1108.80	80.57	678.49	51.79	13.27	PASS
4704.00†	4428.55	-1430.88	-466.27	4705.56	4306.22	-1297.07	-1132.72	80.01	690.67	52.84	13.24	PASS
4804.00†	4521.46	-1466.06	-477.73	4804.60	4394.19	-1335.76	-1156.64	79.48	702.91	53.90	13.20	PASS
4904.00†	4614.36	-1501.24	-489.20	4903.63	4482.17	-1374.46	-1180.55	78.96	715.21	54.98	13.17	PASS
5004.00†	4707.27	-1536.41	-500.66	5002.67	4570.14	-1413.15	-1204.47	78.46	727.56	56.07	13.13	PASS
5104.00†	4800.17	-1571.59	-512.12	5101.71	4658.11	-1451.84	-1228.39	77.98	739.97	57.17	13.09	PASS
5204.00†	4893.08	-1606.76	-523.58	5200.74	4746.08	-1490.53	-1252.30	77.51	752.43	58.28	13.06	PASS
5304.00†	4985.98	-1641.94	-535.05	5299.78	4834.05	-1529.22	-1276.22	77.06	764.94	59.40	13.02	PASS
5404.00†	5078.89	-1677.12	-546.51	5398.82	4922.03	-1567.92	-1300.14	76.62	777.49	60.54	12.98	PASS
5504.00†	5171.79	-1712.29	-557.97	5497.85	5010.00	-1606.61	-1324.05	76.20	790.08	61.68	12.95	PASS
5604.00†	5264.69	-1747.47	-569.43	5596.89	5097.97	-1645.30	-1347.97	75.79	802.72	62.83	12.91	PASS
5704.00†	5357.60	-1782.65	-580.90	5695.92	5185.94	-1683.99	-1371.89	75.39	815.39	63.99	12.87	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 16 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 38N-8C-L PWB Offset Wellpath: BOST FARM 38N-8C-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#24 BOST FARM 38N-8C-L (2508'FSL & 1056'FWL, SEC.07) Well: BOST FARM 38N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5804.00†	5450.50	-1817.82	-592.36	5794.96	5273.92	-1722.69	-1395.81	75.00	828.11	65.16	12.84	PASS
5904.00†	5543.41	-1853.00	-603.82	5894.00	5361.89	-1761.38	-1419.72	74.63	840.85	66.34	12.80	PASS
6004.00†	5636.31	-1888.18	-615.28	5993.03	5449.86	-1800.07	-1443.64	74.27	853.64	67.52	12.77	PASS
6104.00†	5729.22	-1923.35	-626.75	6092.07	5537.83	-1838.76	-1467.56	73.91	866.45	68.72	12.73	PASS
6204.00†	5822.12	-1958.53	-638.21	6191.11	5625.80	-1877.45	-1491.47	73.57	879.30	69.91	12.70	PASS
6304.00†	5915.03	-1993.70	-649.67	6290.14	5713.78	-1916.15	-1515.39	73.24	892.18	71.12	12.66	PASS
6404.00†	6007.93	-2028.88	-661.14	6389.18	5801.75	-1954.84	-1539.31	72.92	905.08	72.33	12.63	PASS
6504.00†	6100.83	-2064.06	-672.60	6488.22	5889.72	-1993.53	-1563.22	72.60	918.02	73.55	12.59	PASS
6604.00†	6193.74	-2099.23	-684.06	6587.25	5977.69	-2032.22	-1587.14	72.30	930.98	74.77	12.56	PASS
6704.00†	6286.64	-2134.41	-695.52	6686.29	6065.66	-2070.92	-1611.06	72.00	943.96	75.99	12.53	PASS
6804.00†	6379.55	-2169.59	-706.99	6785.33	6153.63	-2109.61	-1635.00	71.70	956.94	77.21	12.50	PASS
6904.00†	6472.45	-2204.76	-718.45	6884.37	6241.60	-2148.30	-1658.94	71.40	969.92	78.43	12.47	PASS
7004.00†	6565.36	-2239.94	-729.91	6983.41	6329.57	-2187.00	-1682.88	71.10	982.90	79.65	12.44	PASS
7104.00†	6658.26	-2275.11	-741.37	7082.45	6417.54	-2225.69	-1706.82	70.80	995.88	80.87	12.41	PASS
7204.00†	6751.17	-2310.29	-752.84	7181.49	6505.51	-2264.38	-1730.76	70.50	1008.86	82.09	12.38	PASS
7239.20	6783.87	-2322.67	-756.87	7220.63	6537.66	-2276.53	-1742.91	70.20	1015.84	82.64	12.37	PASS
7304.00†	6843.59	-2345.36	-767.56	7299.77	6605.63	-2305.22	-1754.85	70.00	1022.82	83.19	12.36	PASS
7404.00†	6932.83	-2379.58	-796.62	7398.81	6694.67	-2343.91	-1778.79	69.80	1035.80	84.41	12.33	PASS
7504.00†	7016.60	-2412.10	-840.27	7497.85	6783.71	-2382.60	-1802.73	69.60	1048.78	85.63	12.30	PASS
7604.00†	7092.83	-2442.11	-897.43	7596.89	6872.75	-2421.29	-1826.67	69.40	1061.76	86.85	12.27	PASS
7704.00†	7159.65	-2468.87	-966.70	7695.93	6961.79	-2459.98	-1850.61	69.20	1074.74	88.07	12.24	PASS
7804.00†	7215.41	-2491.73	-1046.37	7794.97	7050.83	-2498.67	-1874.55	69.00	1087.72	89.29	12.21	PASS
7860.62†	7241.54	-2502.72	-1095.37	7894.01	7139.87	-2537.36	-1898.49	68.80	1094.70	90.51	12.18	PASS
7863.89†	7242.93	-2503.31	-1098.27	7895.40	7141.26	-2538.75	-1899.88	68.70	1095.09	90.60	12.18	PASS
7904.00†	7258.74	-2510.11	-1134.49	7994.05	7230.30	-2577.44	-1923.82	68.50	1102.07	91.83	12.15	PASS
8004.00†	7288.57	-2523.58	-1228.87	8093.09	7319.34	-2616.13	-1947.76	68.30	1109.05	93.05	12.12	PASS
8104.00†	7304.17	-2531.80	-1327.20	8192.13	7408.38	-2654.82	-1971.70	68.10	1116.03	94.27	12.09	PASS
8187.49	7306.00	-2534.48	-1410.56	8291.17	7497.42	-2693.51	-1995.64	67.90	1123.01	95.49	12.06	PASS
8204.00†	7305.35	-2534.63	-1427.06	8292.56	7498.81	-2694.90	-1996.03	67.80	1123.40	95.58	12.06	PASS
8304.00†	7301.44	-2535.55	-1526.98	8391.60	7587.85	-2733.59	-2019.97	67.60	1130.38	96.80	12.03	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 17 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 38N-8C-L PWB Offset Wellpath: BOST FARM 38N-8C-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 38N-8C-L PWB Offset Wellpath: BOST FARM 38N-8C-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	1.00	1680.85	110.82	-133.25	12.02	-194.33
9.625in Casing Surface	4.00	1750.00	1746.00	1.00	1680.85	110.82	-133.25	12.02	-194.33
8.5in Open Hole	1750.00	18383.72	16633.72	1680.85	N/A	12.02	-194.33	N/A	N/A

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 38N-8C-L PWB Offset Wellpath: BOST FARM 38N-8C-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 38N-8C-L PWB
1750.00	18383.72	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 38N-8C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 38N-8C-L PWB Offset Wellpath: BOST FARM 38N-8C-L (REV-B.0) PWP

MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 18 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 13C-11-L PWB Offset Wellpath: BOST FARM 13C-11-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#10 BOST FARM 13C-11-L (2666'FSL & 1234'FWL, SEC.07) Well: BOST FARM 13C-11-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	0.36	-40.10	-89.48	40.10	1.57	64.89	PASS
100.00	100.00	0.00	0.00	101.00	100.00	0.36	-40.10	-89.48	40.10	2.17	32.52	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	0.36	-40.10	72.48	40.10	2.20	31.65	PASS
204.00†	203.98	-1.79	-0.58	204.98	203.98	0.36	-40.10	75.09	39.57	3.23	17.06	PASS
304.00†	303.83	-6.90	-2.25	304.82	303.82	0.36	-40.10	82.83	38.54	4.29	11.30	PASS
365.86†	365.48	-11.72	-3.82	366.47	365.47	-0.36	-40.37	89.22	38.28	4.96	9.33	PASS
404.00†	403.43	-15.32	-4.99	404.47	403.44	-1.42	-40.77	93.17	38.38	5.39	8.46	PASS
504.00†	502.66	-27.04	-8.81	504.36	503.19	-6.45	-42.67	103.23	39.63	6.67	6.78	PASS
604.00†	601.40	-42.04	-13.70	604.49	602.92	-14.76	-45.80	112.33	42.16	8.16	5.72	PASS
704.00†	699.54	-60.32	-19.65	704.87	702.52	-26.36	-50.18	120.13	45.75	9.79	5.07	PASS
804.00†	796.94	-81.83	-26.67	805.49	801.87	-41.26	-55.79	126.57	50.19	11.47	4.69	PASS
904.00†	893.49	-106.57	-34.73	906.36	900.84	-59.46	-62.66	131.78	55.26	13.16	4.45	PASS
1004.00†	989.07	-134.49	-43.83	1007.47	999.30	-80.96	-70.77	135.95	60.80	14.84	4.31	PASS
1104.00†	1083.57	-165.57	-53.95	1108.83	1097.13	-105.76	-80.12	139.29	66.67	16.51	4.23	PASS
1185.68	1159.88	-193.27	-62.98	1191.80	1176.47	-128.47	-88.68	141.51	71.66	17.86	4.19	PASS
1204.00†	1176.90	-199.71	-65.08	1210.44	1194.19	-133.87	-90.72	141.94	72.75	18.14	4.18	PASS
1304.00†	1269.80	-234.89	-76.54	1311.00	1289.39	-164.18	-102.15	143.42	77.71	19.65	4.11	PASS
1404.00†	1362.71	-270.07	-88.00	1410.87	1383.86	-194.49	-113.58	144.63	82.55	21.15	4.04	PASS
1504.00†	1455.61	-305.24	-99.47	1510.74	1478.33	-224.79	-125.00	145.70	87.41	22.64	3.99	PASS
1604.00†	1548.52	-340.42	-110.93	1610.60	1572.80	-255.09	-136.43	146.65	92.31	24.14	3.94	PASS
1704.00†	1641.42	-375.59	-122.39	1710.47	1667.27	-285.40	-147.86	147.51	97.23	25.61	3.91	PASS
1804.00†	1734.33	-410.77	-133.85	1810.34	1761.75	-315.70	-159.28	148.29	102.16	26.04	4.01	PASS
1904.00†	1827.23	-445.95	-145.32	1910.21	1856.22	-346.00	-170.71	148.99	107.12	26.02	4.20	PASS
2004.00†	1920.13	-481.12	-156.78	2010.08	1950.69	-376.31	-182.14	149.64	112.09	26.07	4.39	PASS
2104.00†	2013.04	-516.30	-168.24	2109.95	2045.16	-406.61	-193.57	150.23	117.07	26.19	4.57	PASS
2204.00†	2105.94	-551.48	-179.71	2209.82	2139.63	-436.91	-204.99	150.77	122.06	26.38	4.73	PASS
2304.00†	2198.85	-586.65	-191.17	2309.69	2234.10	-467.22	-216.42	151.26	127.07	26.64	4.87	PASS
2404.00†	2291.75	-621.83	-202.63	2409.56	2328.58	-497.52	-227.85	151.72	132.08	26.97	5.00	PASS
2504.00†	2384.66	-657.01	-214.09	2509.42	2423.05	-527.82	-239.28	152.15	137.10	27.36	5.12	PASS
2604.00†	2477.56	-692.18	-225.56	2609.29	2517.52	-558.13	-250.70	152.55	142.12	27.80	5.22	PASS

C-C Clearance Distance Cutoff: 200.00 ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 19 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 13C-11-L PWB Offset Wellpath: BOST FARM 13C-11-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#10 BOST FARM 13C-11-L (2666'FSL & 1234'FWL, SEC.07) Well: BOST FARM 13C-11-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2704.00†	2570.47	-727.36	-237.02	2709.16	2611.99	-588.43	-262.13	152.91	147.16	28.31	5.31	PASS
2804.00†	2663.37	-762.53	-248.48	2809.03	2706.46	-618.73	-273.56	153.26	152.20	28.86	5.38	PASS
2904.00†	2756.27	-797.71	-259.94	2908.90	2800.93	-649.04	-284.99	153.58	157.24	29.46	5.44	PASS
3004.00†	2849.18	-832.89	-271.41	3008.77	2895.41	-679.34	-296.41	153.88	162.29	30.11	5.50	PASS
3104.00†	2942.08	-868.06	-282.87	3108.64	2989.88	-709.65	-307.84	154.17	167.34	30.80	5.54	PASS
3204.00†	3034.99	-903.24	-294.33	3208.51	3084.35	-739.95	-319.27	154.44	172.40	31.53	5.57	PASS
3304.00†	3127.89	-938.42	-305.79	3308.38	3178.82	-770.25	-330.69	154.69	177.46	32.30	5.59	PASS
3404.00†	3220.80	-973.59	-317.26	3408.25	3273.29	-800.56	-342.12	154.93	182.53	33.10	5.61	PASS
3504.00†	3313.70	-1008.77	-328.72	3508.11	3367.76	-830.86	-353.55	155.15	187.59	33.94	5.62	PASS
3604.00†	3406.61	-1043.94	-340.18	3607.98	3462.24	-861.16	-364.98	155.37	192.66	34.80	5.63	PASS
3704.00†	3499.51	-1079.12	-351.64	3707.85	3556.71	-891.47	-376.40	155.57	197.73	35.68	5.63	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 13C-11-L PWB Offset Wellpath: BOST FARM 13C-11-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 13C-11-L PWB Offset Wellpath: BOST FARM 13C-11-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1704.66	0.22	-24.44	-90.53	-58.67
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1704.66	0.22	-24.44	-90.53	-58.67
8.5in Open Hole	1750.00	17967.27	16217.27	1704.66	7117.00	-90.53	-58.67	-659.80	-3472.91



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 20 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

SURVEY PROGRAM - Offset Wellbore: BOST FARM 13C-11-L PWB    Offset Wellpath: BOST FARM 13C-11-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 13C-11-L PWB
1750.00	17967.28	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 13C-11-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 13C-11-L PWB    Offset Wellpath: BOST FARM 13C-11-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 21 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. UPRR 49 PAN AM B #1 AWB Offset Wellpath: EX. UPRR 49 PAN AM B #1 AWP												
Facility: SEC.11-T05N-R67W Slot: SLOT#02 EX. UPRR 49 PAN AM B #1 (660'FSL & 660'FWL, PR/7860'TD) Well: EX. UPRR 49 PAN AM B #1 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	137.00	4.00	-2045.70	-11043.95	-100.49	11231.82	54.13	211.23	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. UPRR 49 PAN AM B #1 AWB Offset Wellpath: EX. UPRR 49 PAN AM B #1 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. UPRR 49 PAN AM B #1 AWB Offset Wellpath: EX. UPRR 49 PAN AM B #1 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7860.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7860'>	EX. UPRR 49 PAN AM B #1 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. UPRR 49 PAN AM B #1 AWB Offset Wellpath: EX. UPRR 49 PAN AM B #1 AWP	
MD Reference: Rig on SLOT#02 EX. UPRR 49 PAN AM B #1 (660'FSL & 660'FWL, PR/7860'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 22 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 13N-11B-L PWB Offset Wellpath: BOST FARM 13N-11B-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07) Well: BOST FARM 13N-11B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	0.36	-60.15	-89.65	60.15	1.57	98.13	PASS
100.00	100.00	0.00	0.00	101.00	100.00	0.36	-60.15	-89.65	60.15	2.17	49.19	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	0.36	-60.15	72.30	60.15	2.20	47.87	PASS
204.00†	203.98	-1.79	-0.58	204.98	203.98	0.36	-60.15	74.04	59.60	3.23	25.87	PASS
304.00†	303.83	-6.90	-2.25	304.53	303.53	-0.12	-60.35	78.62	58.49	4.32	17.16	PASS
404.00†	403.43	-15.32	-4.99	403.93	402.86	-3.46	-61.72	83.74	57.96	5.41	12.81	PASS
428.02†	427.30	-17.84	-5.81	427.88	426.76	-4.74	-62.25	84.99	57.94	5.69	12.04	PASS
504.00†	502.66	-27.04	-8.81	503.52	502.18	-10.00	-64.41	88.93	58.15	6.58	10.18	PASS
604.00†	601.40	-42.04	-13.70	603.28	601.38	-19.76	-68.42	94.05	59.08	7.87	8.41	PASS
704.00†	699.54	-60.32	-19.65	703.21	700.33	-32.72	-73.75	98.93	60.73	9.32	7.15	PASS
804.00†	796.94	-81.83	-26.67	803.33	798.90	-48.91	-80.40	103.48	63.05	10.92	6.23	PASS
904.00†	893.49	-106.57	-34.73	903.63	896.97	-68.30	-88.37	107.61	65.99	12.68	5.55	PASS
1004.00†	989.07	-134.49	-43.83	1004.10	994.42	-90.91	-97.66	111.28	69.48	14.57	5.04	PASS
1104.00†	1083.57	-165.57	-53.95	1104.75	1091.12	-116.70	-108.27	114.49	73.45	16.57	4.65	PASS
1185.68	1159.88	-193.27	-62.98	1186.44	1169.06	-139.35	-117.58	117.23	77.28	18.24	4.42	PASS
1204.00†	1176.90	-199.71	-65.08	1204.70	1186.47	-144.43	-119.66	117.97	78.28	18.60	4.38	PASS
1304.00†	1269.80	-234.89	-76.54	1304.40	1281.56	-172.15	-131.06	121.73	83.94	20.55	4.24	PASS
1404.00†	1362.71	-270.07	-88.00	1404.10	1376.65	-199.87	-142.45	125.01	89.92	22.42	4.15	PASS
1504.00†	1455.61	-305.24	-99.47	1503.79	1471.73	-227.59	-153.85	127.86	96.16	24.22	4.09	PASS
1604.00†	1548.52	-340.42	-110.93	1603.49	1566.82	-255.31	-165.24	130.37	102.61	25.95	4.07	PASS
1704.00†	1641.42	-375.59	-122.39	1703.19	1661.91	-283.03	-176.63	132.58	109.22	27.63	4.06	PASS
1804.00†	1734.33	-410.77	-133.85	1802.89	1756.99	-310.75	-188.03	134.53	115.99	28.09	4.21	PASS
1904.00†	1827.23	-445.95	-145.32	1902.59	1852.08	-338.47	-199.42	136.26	122.87	27.91	4.49	PASS
2004.00†	1920.13	-481.12	-156.78	2002.28	1947.16	-366.19	-210.82	137.81	129.85	27.82	4.76	PASS
2104.00†	2013.04	-516.30	-168.24	2101.98	2042.25	-393.91	-222.21	139.20	136.91	27.80	5.03	PASS
2204.00†	2105.94	-551.48	-179.71	2201.68	2137.34	-421.63	-233.60	140.46	144.05	27.87	5.28	PASS
2304.00†	2198.85	-586.65	-191.17	2301.38	2232.42	-449.35	-245.00	141.59	151.25	28.00	5.52	PASS
2404.00†	2291.75	-621.83	-202.63	2401.07	2327.51	-477.07	-256.39	142.62	158.51	28.22	5.74	PASS
2504.00†	2384.66	-657.01	-214.09	2500.77	2422.60	-504.79	-267.79	143.56	165.81	28.50	5.94	PASS
2604.00†	2477.56	-692.18	-225.56	2600.47	2517.68	-532.51	-279.18	144.43	173.15	28.84	6.13	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 23 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 13N-11B-L PWB Offset Wellpath: BOST FARM 13N-11B-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07) Well: BOST FARM 13N-11B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2704.00†	2570.47	-727.36	-237.02	2700.17	2612.77	-560.23	-290.57	145.22	180.53	29.25	6.30	PASS
2804.00†	2663.37	-762.53	-248.48	2799.86	2707.86	-587.95	-301.97	145.95	187.94	29.72	6.45	PASS
2904.00†	2756.27	-797.71	-259.94	2899.56	2802.94	-615.67	-313.36	146.62	195.37	30.24	6.59	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 13N-11B-L PWB Offset Wellpath: BOST FARM 13N-11B-L (REV-B.0) PWP				
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 13N-11B-L PWB Offset Wellpath: BOST FARM 13N-11B-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1706.55	0.22	-36.67	-90.12	-73.80
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1706.55	0.22	-36.67	-90.12	-73.80
8.5in Open Hole	1750.00	17719.53	15969.53	1706.55	6932.00	-90.12	-73.80	-594.71	-3478.99

SURVEY PROGRAM - Offset Wellbore: BOST FARM 13N-11B-L PWB Offset Wellpath: BOST FARM 13N-11B-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 13N-11B-L PWB
1750.00	17719.53	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 13N-11B-L PWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 24 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 13N-11B-L PWB    Offset Wellpath: BOST FARM 13N-11B-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>4.00ft</b>





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 25 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 38C-8-L PWB Offset Wellpath: BOST FARM 38C-8-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#23 BOST FARM 38C-8-L (2508'FSL & 1076'FWL, SEC.07) Well: BOST FARM 38C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	7.00	4.00	181.43	-198.54	-47.58	268.95	1.57	439.71	PASS
100.00	100.00	0.00	0.00	103.00	100.00	181.43	-198.54	-47.58	268.95	2.17	221.55	PASS
104.00†	104.00	0.00	0.00	107.00	104.00	181.43	-198.54	114.37	268.95	2.21	215.00	PASS
204.00†	203.98	-1.79	-0.58	206.98	203.98	181.43	-198.54	114.72	269.74	3.27	116.37	PASS
304.00†	303.83	-6.90	-2.25	307.72	304.71	180.95	-198.87	115.60	271.94	4.49	76.86	PASS
404.00†	403.43	-15.32	-4.99	409.22	406.14	177.78	-201.04	116.44	275.19	5.70	57.86	PASS
504.00†	502.66	-27.04	-8.81	510.87	507.51	171.63	-205.25	117.17	279.43	6.96	46.42	PASS
604.00†	601.40	-42.04	-13.70	612.64	608.68	162.51	-211.49	117.78	284.63	8.29	38.74	PASS
704.00†	699.54	-60.32	-19.65	714.54	709.50	150.41	-219.76	118.26	290.77	9.71	33.15	PASS
804.00†	796.94	-81.83	-26.67	816.52	809.84	135.35	-230.07	118.63	297.84	11.16	29.12	PASS
904.00†	893.49	-106.57	-34.73	918.59	909.54	117.33	-242.40	118.88	305.80	12.91	25.52	PASS
1004.00†	989.07	-134.49	-43.83	1020.73	1008.46	96.38	-256.73	119.02	314.65	14.73	22.79	PASS
1104.00†	1083.57	-165.57	-53.95	1122.91	1106.46	72.52	-273.06	119.05	324.37	16.71	20.54	PASS
1185.68	1159.88	-193.27	-62.98	1206.40	1185.73	50.89	-287.85	119.01	332.94	18.45	18.98	PASS
1204.00†	1176.90	-199.71	-65.08	1225.13	1203.41	45.78	-291.35	119.02	334.91	18.81	18.71	PASS
1304.00†	1269.80	-234.89	-76.54	1327.44	1299.21	16.17	-311.61	118.71	345.18	21.15	17.05	PASS
1404.00†	1362.71	-270.07	-88.00	1429.66	1393.61	-16.21	-333.76	117.84	354.67	23.59	15.63	PASS
1504.00†	1455.61	-305.24	-99.47	1531.19	1485.92	-51.07	-357.61	116.47	363.54	26.19	14.37	PASS
1604.00†	1548.52	-340.42	-110.93	1630.35	1575.54	-86.10	-381.57	115.00	372.37	28.86	13.31	PASS
1704.00†	1641.42	-375.59	-122.39	1729.51	1665.16	-121.12	-405.53	113.60	381.43	31.40	12.50	PASS
1804.00†	1734.33	-410.77	-133.85	1828.67	1754.79	-156.14	-429.50	112.27	390.71	32.42	12.30	PASS
1904.00†	1827.23	-445.95	-145.32	1927.83	1844.41	-191.17	-453.46	110.99	400.20	32.60	12.53	PASS
2004.00†	1920.13	-481.12	-156.78	2026.99	1934.03	-226.19	-477.42	109.78	409.87	32.82	12.74	PASS
2104.00†	2013.04	-516.30	-168.24	2126.15	2023.66	-261.21	-501.38	108.62	419.72	33.09	12.94	PASS
2204.00†	2105.94	-551.48	-179.71	2225.32	2113.28	-296.23	-525.34	107.52	429.73	33.40	13.12	PASS
2304.00†	2198.85	-586.65	-191.17	2324.48	2202.90	-331.26	-549.30	106.46	439.89	33.76	13.29	PASS
2404.00†	2291.75	-621.83	-202.63	2423.64	2292.52	-366.28	-573.26	105.46	450.19	34.16	13.44	PASS
2504.00†	2384.66	-657.01	-214.09	2522.80	2382.15	-401.30	-597.22	104.50	460.63	34.61	13.57	PASS
2604.00†	2477.56	-692.18	-225.56	2621.96	2471.77	-436.33	-621.19	103.58	471.19	35.10	13.68	PASS
2704.00†	2570.47	-727.36	-237.02	2721.12	2561.39	-471.35	-645.15	102.70	481.86	35.63	13.78	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 26 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 38C-8-L PWB Offset Wellpath: BOST FARM 38C-8-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#23 BOST FARM 38C-8-L (2508'FSL & 1076'FWL, SEC.07) Well: BOST FARM 38C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
2804.00†	2663.37	-762.53	-248.48	2820.28	2651.02	-506.37	-669.11	101.86	492.64	36.20	13.86	PASS
2904.00†	2756.27	-797.71	-259.94	2919.45	2740.64	-541.40	-693.07	101.05	503.53	36.81	13.93	PASS
3004.00†	2849.18	-832.89	-271.41	3018.61	2830.26	-576.42	-717.03	100.28	514.50	37.45	13.98	PASS
3104.00†	2942.08	-868.06	-282.87	3117.77	2919.88	-611.44	-740.99	99.54	525.57	38.13	14.03	PASS
3204.00†	3034.99	-903.24	-294.33	3216.93	3009.51	-646.46	-764.95	98.84	536.72	38.84	14.06	PASS
3304.00†	3127.89	-938.42	-305.79	3316.09	3099.13	-681.49	-788.91	98.16	547.95	39.59	14.08	PASS
3404.00†	3220.80	-973.59	-317.26	3415.25	3188.75	-716.51	-812.88	97.51	559.25	40.36	14.09	PASS
3504.00†	3313.70	-1008.77	-328.72	3514.41	3278.37	-751.53	-836.84	96.88	570.61	41.16	14.09	PASS
3604.00†	3406.61	-1043.94	-340.18	3613.58	3368.00	-786.56	-860.80	96.28	582.05	41.99	14.08	PASS
3704.00†	3499.51	-1079.12	-351.64	3712.74	3457.62	-821.58	-884.76	95.70	593.54	42.85	14.07	PASS
3804.00†	3592.41	-1114.30	-363.11	3811.90	3547.24	-856.60	-908.72	95.14	605.10	43.73	14.05	PASS
3904.00†	3685.32	-1149.47	-374.57	3911.06	3636.87	-891.63	-932.68	94.61	616.70	44.63	14.02	PASS
4004.00†	3778.22	-1184.65	-386.03	4010.22	3726.49	-926.65	-956.64	94.09	628.36	45.55	14.00	PASS
4104.00†	3871.13	-1219.83	-397.49	4109.38	3816.11	-961.67	-980.60	93.59	640.07	46.50	13.96	PASS
4204.00†	3964.03	-1255.00	-408.96	4208.54	3905.73	-996.69	-1004.57	93.11	651.82	47.46	13.93	PASS
4304.00†	4056.94	-1290.18	-420.42	4307.71	3995.36	-1031.72	-1028.53	92.65	663.62	48.44	13.89	PASS
4404.00†	4149.84	-1325.35	-431.88	4406.87	4084.98	-1066.74	-1052.49	92.21	675.46	49.44	13.85	PASS
4504.00†	4242.75	-1360.53	-443.35	4506.03	4174.60	-1101.76	-1076.45	91.77	687.33	50.46	13.80	PASS
4604.00†	4335.65	-1395.71	-454.81	4605.19	4264.22	-1136.79	-1100.41	91.36	699.25	51.48	13.76	PASS
4704.00†	4428.55	-1430.88	-466.27	4704.35	4353.85	-1171.81	-1124.37	90.96	711.20	52.53	13.71	PASS
4804.00†	4521.46	-1466.06	-477.73	4803.51	4443.47	-1206.83	-1148.33	90.57	723.18	53.59	13.66	PASS
4904.00†	4614.36	-1501.24	-489.20	4902.67	4533.09	-1241.86	-1172.30	90.19	735.19	54.66	13.61	PASS
5004.00†	4707.27	-1536.41	-500.66	5001.84	4622.72	-1276.88	-1196.26	89.83	747.24	55.74	13.57	PASS
5104.00†	4800.17	-1571.59	-512.12	5101.00	4712.34	-1311.90	-1220.22	89.47	759.31	56.83	13.52	PASS
5204.00†	4893.08	-1606.76	-523.58	5200.16	4801.96	-1346.92	-1244.18	89.13	771.41	57.93	13.47	PASS
5304.00†	4985.98	-1641.94	-535.05	5299.32	4891.58	-1381.95	-1268.14	88.80	783.54	59.05	13.42	PASS
5404.00†	5078.89	-1677.12	-546.51	5398.48	4981.21	-1416.97	-1292.10	88.48	795.69	60.17	13.37	PASS
5504.00†	5171.79	-1712.29	-557.97	5497.64	5070.83	-1451.99	-1316.06	88.17	807.87	61.31	13.32	PASS
5604.00†	5264.69	-1747.47	-569.43	5596.80	5160.45	-1487.02	-1340.02	87.87	820.07	62.45	13.27	PASS
5704.00†	5357.60	-1782.65	-580.90	5695.97	5250.08	-1522.04	-1363.99	87.57	832.29	63.60	13.22	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 27 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 38C-8-L PWB Offset Wellpath: BOST FARM 38C-8-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#23 BOST FARM 38C-8-L (2508'FSL & 1076'FWL, SEC.07) Well: BOST FARM 38C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
5804.00†	5450.50	-1817.82	-592.36	5795.13	5339.70	-1557.06	-1387.95	87.29	844.53	64.75	13.18	PASS
5904.00†	5543.41	-1853.00	-603.82	5894.29	5429.32	-1592.09	-1411.91	87.01	856.79	65.92	13.13	PASS
6004.00†	5636.31	-1888.18	-615.28	5993.45	5518.94	-1627.11	-1435.87	86.74	869.07	67.09	13.08	PASS
6104.00†	5729.22	-1923.35	-626.75	6092.61	5608.57	-1662.13	-1459.83	86.48	881.37	68.27	13.04	PASS
6204.00†	5822.12	-1958.53	-638.21	6191.77	5698.19	-1697.15	-1483.79	86.23	893.69	69.45	12.99	PASS
6304.00†	5915.03	-1993.70	-649.67	6290.94	5787.81	-1732.18	-1507.75	85.98	906.03	70.64	12.95	PASS
6404.00†	6007.93	-2028.88	-661.14	6390.10	5877.43	-1767.20	-1531.71	85.74	918.38	71.84	12.90	PASS
6504.00†	6100.83	-2064.06	-672.60	6489.26	5967.06	-1802.22	-1555.68	85.50	930.74	73.04	12.86	PASS
6604.00†	6193.74	-2099.23	-684.06	6588.42	6056.68	-1837.25	-1579.64	85.28	943.12	74.24	12.82	PASS
6704.00†	6286.64	-2134.41	-695.52	6687.58	6146.30	-1872.27	-1603.60	85.05	955.52	75.45	12.77	PASS
6804.00†	6379.55	-2169.59	-706.99	6786.74	6235.93	-1907.29	-1627.56	84.84	967.93	76.67	12.73	PASS
6904.00†	6472.45	-2204.76	-718.45	6880.04	6325.06	-1942.31	-1652.04	84.62	980.34	77.88	12.69	PASS
7004.00†	6565.36	-2239.94	-729.91	6973.35	6414.19	-1977.33	-1676.52	84.40	992.75	79.09	12.65	PASS
7104.00†	6658.26	-2275.11	-741.37	7066.66	6503.32	-2012.35	-1701.00	84.18	1005.16	80.30	12.61	PASS
7204.00†	6751.17	-2310.29	-752.84	7159.97	6592.45	-2047.37	-1725.48	83.96	1017.57	81.51	12.57	PASS
7239.20	6783.87	-2322.67	-756.87	7192.67	6625.15	-2060.17	-1738.28	83.84	1022.97	82.09	12.56	PASS
7304.00†	6843.59	-2345.36	-767.56	7281.98	6714.28	-2095.19	-1752.76	83.62	1035.38	83.30	12.52	PASS
7404.00†	6932.83	-2379.58	-796.62	7371.29	6803.41	-2130.21	-1767.24	83.40	1047.79	84.51	12.48	PASS
7504.00†	7016.60	-2412.10	-840.27	7460.60	6892.54	-2165.23	-1781.72	83.18	1060.20	85.72	12.44	PASS
7604.00†	7092.83	-2442.11	-897.43	7550.91	6981.67	-2200.25	-1796.20	82.96	1072.61	86.93	12.40	PASS
7704.00†	7159.65	-2468.87	-966.70	7640.22	7070.80	-2235.27	-1810.68	82.74	1085.02	88.14	12.36	PASS
7804.00†	7215.41	-2491.73	-1046.37	7729.53	7159.93	-2270.29	-1825.16	82.52	1097.43	89.35	12.32	PASS
7904.00†	7258.74	-2510.11	-1134.49	7818.84	7249.06	-2305.31	-1839.64	82.30	1109.84	90.56	12.28	PASS
7981.36†	7283.04	-2520.98	-1207.07	7898.15	7338.19	-2340.33	-1854.12	82.08	1122.25	91.77	12.24	PASS
7988.26†	7284.80	-2521.80	-1213.69	7905.91	7346.01	-2347.16	-1858.00	82.00	1125.00	92.00	12.23	PASS
8004.00†	7288.57	-2523.58	-1228.87	7913.67	7353.83	-2353.99	-1861.88	81.92	1127.81	92.21	12.22	PASS
8104.00†	7304.17	-2531.80	-1327.20	7922.48	7362.96	-2361.01	-1865.76	81.70	1130.22	92.42	12.21	PASS

C-C Clearance Distance Cutoff: 200.00 ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 28 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 38C-8-L PWB Offset Wellpath: BOST FARM 38C-8-L (REV-B.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 38C-8-L PWB Offset Wellpath: BOST FARM 38C-8-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	1.00	1683.68	110.60	-121.03	16.18	-185.63
9.625in Casing Surface	4.00	1750.00	1746.00	1.00	1683.68	110.60	-121.03	16.18	-185.63
8.5in Open Hole	1750.00	18450.73	16700.73	1683.68	N/A	16.18	-185.63	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 38C-8-L PWB Offset Wellpath: BOST FARM 38C-8-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 38C-8-L PWB
1750.00	18450.73	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 38C-8-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 38C-8-L PWB Offset Wellpath: BOST FARM 38C-8-L (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 29 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#08 BOST FARM 33C-11-L (2666'FSL & 1194'FWL, SEC.07) Well: BOST FARM 33C-11-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	4.00	0.73	-80.20	-89.48	80.20	1.57	130.69	PASS
100.00	100.00	0.00	0.00	102.00	100.00	0.73	-80.20	-89.48	80.20	2.17	65.68	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	0.73	-80.20	72.47	80.20	2.21	63.82	PASS
204.00†	203.98	-1.79	-0.58	205.98	203.98	0.73	-80.20	73.78	79.65	3.24	34.62	PASS
304.00†	303.83	-6.90	-2.25	305.83	303.83	0.73	-80.20	77.57	78.32	4.33	22.99	PASS
404.00†	403.43	-15.32	-4.99	405.43	403.43	0.73	-80.20	84.03	76.90	5.40	17.10	PASS
471.43†	470.39	-22.86	-7.45	472.48	470.48	0.73	-80.20	89.93	76.48	6.17	14.50	PASS
504.00†	502.66	-27.04	-8.81	504.66	502.66	0.73	-80.20	93.17	76.60	6.56	13.53	PASS
604.00†	601.40	-42.04	-13.70	603.77	601.74	-0.98	-80.98	103.19	78.82	7.86	11.29	PASS
704.00†	699.54	-60.32	-19.65	703.35	701.18	-5.83	-83.20	112.33	83.72	9.33	9.90	PASS
804.00†	796.94	-81.83	-26.67	803.41	800.84	-13.87	-86.87	120.18	90.88	10.91	9.04	PASS
904.00†	893.49	-106.57	-34.73	903.95	900.62	-25.13	-92.02	126.66	99.83	12.54	8.54	PASS
1004.00†	989.07	-134.49	-43.83	1004.98	1000.37	-39.64	-98.66	131.88	110.14	14.20	8.25	PASS
1104.00†	1083.57	-165.57	-53.95	1106.50	1099.98	-57.44	-106.80	136.03	121.47	15.85	8.09	PASS
1185.68	1159.88	-193.27	-62.98	1189.79	1181.15	-74.43	-114.57	138.77	131.29	17.19	8.03	PASS
1204.00†	1176.90	-199.71	-65.08	1208.53	1199.33	-78.55	-116.45	139.33	133.51	17.48	8.02	PASS
1304.00†	1269.80	-234.89	-76.54	1310.69	1297.92	-102.85	-127.57	141.48	144.32	19.02	7.94	PASS
1404.00†	1362.71	-270.07	-88.00	1410.10	1393.55	-127.58	-138.88	142.97	154.40	20.48	7.86	PASS
1504.00†	1455.61	-305.24	-99.47	1509.52	1489.17	-152.32	-150.19	144.27	164.57	21.95	7.79	PASS
1604.00†	1548.52	-340.42	-110.93	1608.94	1584.79	-177.06	-161.51	145.42	174.82	23.42	7.74	PASS
1704.00†	1641.42	-375.59	-122.39	1708.35	1680.41	-201.79	-172.82	146.44	185.12	24.86	7.71	PASS
1804.00†	1734.33	-410.77	-133.85	1807.77	1776.04	-226.53	-184.13	147.35	195.48	25.29	7.92	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 30 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	2.00	1720.47	0.44	-48.89	-64.44	-78.56
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1720.47	0.44	-48.89	-64.44	-78.56
8.5in Open Hole	1750.00	17818.49	16068.49	1720.47	N/A	-64.44	-78.56	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 33C-11-L PWB
1750.00	17818.49	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 33C-11-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	<b>4.00ft</b>





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 31 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 33N-11A-L PWB Offset Wellpath: BOST FARM 33N-11A-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#07 BOST FARM 33N-11A-L (2666'FSL & 1174'FWL, SEC.07) Well: BOST FARM 33N-11A-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	4.00	0.73	-99.97	-89.58	99.97	1.57	163.29	PASS
100.00	100.00	0.00	0.00	102.00	100.00	0.73	-99.97	-89.58	99.97	2.17	82.06	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	0.73	-99.97	72.37	99.97	2.21	79.75	PASS
204.00†	203.98	-1.79	-0.58	205.98	203.98	0.73	-99.97	73.42	99.42	3.24	43.30	PASS
304.00†	303.83	-6.90	-2.25	305.83	303.83	0.73	-99.97	76.45	98.02	4.34	28.76	PASS
404.00†	403.43	-15.32	-4.99	405.43	403.43	0.73	-99.97	81.59	96.32	5.42	21.40	PASS
504.00†	502.66	-27.04	-8.81	504.66	502.66	0.73	-99.97	88.90	95.29	6.55	16.88	PASS
516.73†	515.26	-28.77	-9.37	517.14	515.14	0.73	-99.97	89.98	95.28	6.71	16.42	PASS
604.00†	601.40	-42.04	-13.70	603.40	601.40	0.73	-99.97	98.20	96.29	7.81	13.93	PASS
704.00†	699.54	-60.32	-19.65	702.11	700.08	-0.89	-100.81	107.85	100.59	9.21	12.08	PASS
804.00†	796.94	-81.83	-26.67	801.39	799.22	-5.55	-103.23	116.41	108.10	10.73	10.97	PASS
904.00†	893.49	-106.57	-34.73	901.25	898.70	-13.32	-107.25	123.61	118.25	12.32	10.33	PASS
1004.00†	989.07	-134.49	-43.83	1001.71	998.40	-24.23	-112.92	129.46	130.45	13.94	9.98	PASS
1104.00†	1083.57	-165.57	-53.95	1102.77	1098.19	-38.33	-120.23	134.13	144.21	15.57	9.81	PASS
1185.68	1159.88	-193.27	-62.98	1185.76	1179.68	-52.25	-127.44	137.19	156.32	16.89	9.75	PASS
1204.00†	1176.90	-199.71	-65.08	1204.43	1197.96	-55.66	-129.22	137.82	159.08	17.18	9.75	PASS
1304.00†	1269.80	-234.89	-76.54	1307.07	1297.91	-76.34	-139.94	140.39	173.06	18.72	9.69	PASS
1404.00†	1362.71	-270.07	-88.00	1408.32	1395.76	-99.45	-151.93	141.83	185.17	20.22	9.56	PASS
1504.00†	1455.61	-305.24	-99.47	1507.53	1491.52	-122.47	-163.87	142.96	197.08	21.71	9.45	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 33N-11A-L PWB    Offset Wellpath: BOST FARM 33N-11A-L (REV-B.0) PWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 32 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 33N-11A-L PWB Offset Wellpath: BOST FARM 33N-11A-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	2.00	1725.56	0.44	-60.94	-54.26	-89.31
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1725.56	0.44	-60.94	-54.26	-89.31
8.5in Open Hole	1750.00	17443.96	15693.96	1725.56	6824.00	-54.26	-89.31	-461.81	-3491.07

SURVEY PROGRAM - Offset Wellbore: BOST FARM 33N-11A-L PWB Offset Wellpath: BOST FARM 33N-11A-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 33N-11A-L PWB
1750.00	17443.96	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 33N-11A-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 33N-11A-L PWB Offset Wellpath: BOST FARM 33N-11A-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 33 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#06 BOST FARM 33N-11C-L (2666'FSL & 1154'FWL, SEC.07) Well: BOST FARM 33N-11C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	4.00	1.09	-120.02	-89.48	120.02	1.57	196.37	PASS
100.00	100.00	0.00	0.00	102.00	100.00	1.09	-120.02	-89.48	120.02	2.17	98.68	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	1.09	-120.02	72.47	120.02	2.21	95.90	PASS
204.00†	203.98	-1.79	-0.58	205.98	203.98	1.09	-120.02	73.35	119.47	3.24	52.11	PASS
304.00†	303.83	-6.90	-2.25	305.83	303.83	1.09	-120.02	75.87	118.04	4.34	34.64	PASS
404.00†	403.43	-15.32	-4.99	405.43	403.43	1.09	-120.02	80.13	116.19	5.43	25.79	PASS
504.00†	502.66	-27.04	-8.81	504.66	502.66	1.09	-120.02	86.19	114.71	6.56	20.33	PASS
554.00†	552.10	-34.13	-11.12	554.00	552.00	1.09	-120.02	89.87	114.45	7.16	18.31	PASS
604.00†	601.40	-42.04	-13.70	603.40	601.40	1.09	-120.02	93.97	114.74	7.78	16.69	PASS
704.00†	699.54	-60.32	-19.65	701.54	699.54	1.09	-120.02	103.13	117.66	9.14	14.27	PASS
804.00†	796.94	-81.83	-26.67	799.70	797.68	-0.40	-120.91	112.24	124.56	10.61	12.81	PASS
904.00†	893.49	-106.57	-34.73	898.54	896.38	-4.81	-123.55	120.14	135.10	12.15	12.00	PASS
1004.00†	989.07	-134.49	-43.83	998.06	995.52	-12.20	-127.97	126.66	148.58	13.74	11.56	PASS
1104.00†	1083.57	-165.57	-53.95	1098.26	1094.97	-22.63	-134.20	131.90	164.33	15.33	11.37	PASS
1185.68	1159.88	-193.27	-62.98	1180.61	1176.36	-33.42	-140.66	135.36	178.49	16.64	11.33	PASS
1204.00†	1176.90	-199.71	-65.08	1199.16	1194.63	-36.13	-142.28	136.08	181.75	16.92	11.33	PASS
1304.00†	1269.80	-234.89	-76.54	1301.20	1294.80	-52.85	-152.28	139.10	198.75	18.43	11.32	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 33N-11C-L PWB    Offset Wellpath: BOST FARM 33N-11C-L (REV-B.0) PWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 34 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	2.00	1731.80	0.67	-73.16	-42.50	-98.99
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1731.80	0.67	-73.16	-42.50	-98.99
8.5in Open Hole	1750.00	17507.50	15757.50	1731.80	6993.00	-42.50	-98.99	-392.85	-3497.15

SURVEY PROGRAM - Offset Wellbore: BOST FARM 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 33N-11C-L PWB
1750.00	17507.51	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 33N-11C-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 35 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 16N-8B-L PWB Offset Wellpath: BOST FARM 16N-8B-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#22 BOST FARM 16N-8B-L (2507'FSL & 1096'FWL, SEC.07) Well: BOST FARM 16N-8B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	7.00	4.00	181.43	-178.77	-44.58	254.71	1.57	416.33	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 16N-8B-L PWB Offset Wellpath: BOST FARM 16N-8B-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 16N-8B-L PWB Offset Wellpath: BOST FARM 16N-8B-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	1.00	1684.44	110.60	-108.98	20.00	-178.03
9.625in Casing Surface	4.00	1750.00	1746.00	1.00	1684.44	110.60	-108.98	20.00	-178.03
8.5in Open Hole	1750.00	18148.42	16398.42	1684.44	N/A	20.00	-178.03	N/A	N/A

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 16N-8B-L PWB Offset Wellpath: BOST FARM 16N-8B-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 16N-8B-L PWB
1750.00	18148.42	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 16N-8B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 16N-8B-L PWB Offset Wellpath: BOST FARM 16N-8B-L (REV-B.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 36 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. TRI POINT 12-3B AWB Offset Wellpath: EX. TRI POINT 12-3B AWP												
Facility: SEC.12-T05N-R67W Slot: SLOT#01 EX. TRI POINT 12-3B (1925'FSL & 1450'FWL, SI-CODL-7490'TD) Well: EX. TRI POINT 12-3B Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	51.00	4.00	-819.56	-5032.01	-99.25	5098.31	52.67	98.57	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. TRI POINT 12-3B AWB Offset Wellpath: EX. TRI POINT 12-3B AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. TRI POINT 12-3B AWB Offset Wellpath: EX. TRI POINT 12-3B AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7490.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7490>	EX. TRI POINT 12-3B AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. TRI POINT 12-3B AWB Offset Wellpath: EX. TRI POINT 12-3B AWP	
MD Reference: Rig on SLOT#01 EX. TRI POINT 12-3B (1925'FSL & 1450'FWL, SI-CODL-7490'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 37 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 12C-11-L PWB Offset Wellpath: BOST FARM 12C-11-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#05 BOST FARM 12C-11-L (2666'FSL & 1134'FWL, SEC.07) Well: BOST FARM 12C-11-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	7.00	4.00	1.09	-140.07	-89.55	140.07	1.57	228.24	PASS
100.00	100.00	0.00	0.00	103.00	100.00	1.09	-140.07	-89.55	140.07	2.17	115.00	PASS
104.00†	104.00	0.00	0.00	107.00	104.00	1.09	-140.07	72.40	140.07	2.21	111.60	PASS
204.00†	203.98	-1.79	-0.58	206.98	203.98	1.09	-140.07	73.15	139.51	3.24	60.77	PASS
304.00†	303.83	-6.90	-2.25	306.83	303.83	1.09	-140.07	75.31	138.05	4.35	40.43	PASS
404.00†	403.43	-15.32	-4.99	406.43	403.43	1.09	-140.07	78.94	136.07	5.45	30.13	PASS
504.00†	502.66	-27.04	-8.81	505.66	502.66	1.09	-140.07	84.11	134.24	6.57	23.76	PASS
592.93†	590.50	-40.22	-13.11	593.70	590.70	1.09	-140.07	89.99	133.51	7.65	19.84	PASS
604.00†	601.40	-42.04	-13.70	604.40	601.40	1.09	-140.07	90.79	133.53	7.78	19.45	PASS
704.00†	699.54	-60.32	-19.65	702.54	699.54	1.09	-140.07	98.78	135.17	9.11	16.48	PASS
804.00†	796.94	-81.83	-26.67	799.94	796.94	1.09	-140.07	107.62	140.49	10.55	14.55	PASS
904.00†	893.49	-106.57	-34.73	897.37	894.35	-0.26	-141.02	116.12	150.34	12.07	13.45	PASS
1004.00†	989.07	-134.49	-43.83	995.54	992.39	-4.35	-143.92	123.35	164.21	13.61	12.91	PASS
1104.00†	1083.57	-165.57	-53.95	1094.44	1090.93	-11.25	-148.79	129.25	181.28	15.16	12.70	PASS
1185.68	1159.88	-193.27	-62.98	1175.78	1171.70	-19.00	-154.27	133.16	197.09	16.44	12.67	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 12C-11-L PWB Offset Wellpath: BOST FARM 12C-11-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 12C-11-L PWB Offset Wellpath: BOST FARM 12C-11-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	1.00	1736.07	0.67	-85.38	-31.70	-108.26
9.625in Casing Surface	4.00	1750.00	1746.00	1.00	1736.07	0.67	-85.38	-31.70	-108.26
8.5in Open Hole	1750.00	17638.05	15888.05	1736.07	7118.00	-31.70	-108.26	-325.20	-3503.23



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 38 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

SURVEY PROGRAM - Offset Wellbore: BOST FARM 12C-11-L PWB    Offset Wellpath: BOST FARM 12C-11-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 12C-11-L PWB
1750.00	17638.05	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 12C-11-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 12C-11-L PWB    Offset Wellpath: BOST FARM 12C-11-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>4.00ft</b>





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 39 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 12N-11B-L PWB Offset Wellpath: BOST FARM 12N-11B-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#04 BOST FARM 12N-11B-L (2666'FSL & 1114'FWL, SEC.07) Well: BOST FARM 12N-11B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	7.00	4.00	1.46	-160.12	-89.48	160.12	1.57	261.14	PASS
100.00	100.00	0.00	0.00	103.00	100.00	1.46	-160.12	-89.48	160.12	2.17	131.58	PASS
104.00†	104.00	0.00	0.00	107.00	104.00	1.46	-160.12	72.47	160.12	2.21	127.69	PASS
204.00†	203.98	-1.79	-0.58	206.98	203.98	1.46	-160.12	73.13	159.56	3.24	69.56	PASS
304.00†	303.83	-6.90	-2.25	306.83	303.83	1.46	-160.12	75.02	158.09	4.36	46.30	PASS
404.00†	403.43	-15.32	-4.99	406.43	403.43	1.46	-160.12	78.19	156.03	5.46	34.52	PASS
504.00†	502.66	-27.04	-8.81	505.66	502.66	1.46	-160.12	82.69	153.97	6.58	27.23	PASS
604.00†	601.40	-42.04	-13.70	604.40	601.40	1.46	-160.12	88.52	152.74	7.78	22.26	PASS
629.00†	626.00	-46.31	-15.09	629.00	626.00	1.46	-160.12	90.18	152.69	8.10	21.25	PASS
704.00†	699.54	-60.32	-19.65	702.54	699.54	1.46	-160.12	95.57	153.45	9.09	18.76	PASS
804.00†	796.94	-81.83	-26.67	799.94	796.94	1.46	-160.12	103.52	157.31	10.51	16.37	PASS
904.00†	893.49	-106.57	-34.73	896.49	893.49	1.46	-160.12	111.89	165.51	12.02	14.88	PASS
1004.00†	989.07	-134.49	-43.83	992.83	989.81	0.33	-161.12	119.73	178.71	13.54	14.13	PASS
1104.00†	1083.57	-165.57	-53.95	1089.89	1086.75	-3.24	-164.30	126.28	196.31	15.06	13.86	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 12N-11B-L PWB Offset Wellpath: BOST FARM 12N-11B-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 12N-11B-L PWB Offset Wellpath: BOST FARM 12N-11B-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	1.00	1739.16	0.89	-97.61	-22.85	-118.73
9.625in Casing Surface	4.00	1750.00	1746.00	1.00	1739.16	0.89	-97.61	-22.85	-118.73
8.5in Open Hole	1750.00	17404.02	15654.02	1739.16	N/A	-22.85	-118.73	N/A	N/A



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 40 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

SURVEY PROGRAM - Offset Wellbore: BOST FARM 12N-11B-L PWB    Offset Wellpath: BOST FARM 12N-11B-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 12N-11B-L PWB
1750.00	17404.02	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 12N-11B-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 12N-11B-L PWB    Offset Wellpath: BOST FARM 12N-11B-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	<b>4.00ft</b>



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 41 of 135

**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

**CLEARANCE DATA - Offset Wellbore: EX. SHEEP 20-12 AWB Offset Wellpath: EX. SHEEP 20-12 AWP**

Facility: SEC.12-T05N-R67W				Slot: SLOT#05 EX. SHEEP 20-12 (2266'FSL & 1511'FEL, PR/NB-CD/7464'TD)				Well: EX. SHEEP 20-12		Threshold Value=1.00 † = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4.00	4.00	0.00	0.00	18.00	4.00	-410.79	-2789.70	-98.38	2819.78	51.05	56.28	PASS	

**C-C Clearance Distance Cutoff: 200.00 ft****POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 20-12 AWB Offset Wellpath: EX. SHEEP 20-12 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 20-12 AWB Offset Wellpath: EX. SHEEP 20-12 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7464.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7464>	EX. SHEEP 20-12 AWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 20-12 AWB Offset Wellpath: EX. SHEEP 20-12 AWP**

MD Reference: Rig on SLOT#05 EX. SHEEP 20-12 (2266'FSL & 1511'FEL, PR/NB-CD/7464'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 42 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 9-12 AWB Offset Wellpath: EX. SHEEP 9-12 AWP												
Facility: SEC.12-T05N-R67W Slot: SLOT#08 EX. SHEEP 9-12 (2268'FSL & 1439'FEL, PR/NB-CD/7441'TD) Well: EX. SHEEP 9-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	18.00	4.00	-410.80	-2710.89	-98.62	2741.84	51.05	54.72	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 9-12 AWB Offset Wellpath: EX. SHEEP 9-12 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 9-12 AWB Offset Wellpath: EX. SHEEP 9-12 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7441.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7441>	EX. SHEEP 9-12 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 9-12 AWB Offset Wellpath: EX. SHEEP 9-12 AWP	
MD Reference: Rig on SLOT#08 EX. SHEEP 9-12 (2268'FSL & 1439'FEL, PR.NB-CD/7441'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 43 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 15-12 AWB Offset Wellpath: EX. SHEEP 15-12 AWP												
Facility: SEC.12-T05N-R67W Slot: SLOT#03 EX. SHEEP 15-12 (2294'FSL & 1520'FEL, PR/NB-CD/7701'TD) Well: EX. SHEEP 15-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	18.00	4.00	-382.37	-2792.20	-97.80	2818.26	51.05	56.24	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 15-12 AWB Offset Wellpath: EX. SHEEP 15-12 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 15-12 AWB Offset Wellpath: EX. SHEEP 15-12 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7701.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7701>
			EX. SHEEP 15-12 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 15-12 AWB Offset Wellpath: EX. SHEEP 15-12 AWP	
MD Reference: Rig on SLOT#03 EX. SHEEP 15-12 (2294'FSL & 1520'FEL, PR/NB-CD/7701'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 44 of 135

**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

**CLEARANCE DATA - Offset Wellbore: EX. SHEEP 10-12 AWB Offset Wellpath: EX. SHEEP 10-12 AWP**

Facility: SEC.12-T05N-R67W Slot: SLOT#02 EX. SHEEP 10-12 (2323'FSL & 1529'FEL, PR/NB-CD/7371'TD) Well: EX. SHEEP 10-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	18.00	4.00	-359.05	-2796.09	-97.32	2819.05	51.05	56.26	PASS

**C-C Clearance Distance Cutoff: 200.00 ft****POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 10-12 AWB Offset Wellpath: EX. SHEEP 10-12 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 10-12 AWB Offset Wellpath: EX. SHEEP 10-12 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7371.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7371>	EX. SHEEP 10-12 AWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 10-12 AWB Offset Wellpath: EX. SHEEP 10-12 AWP**

MD Reference: Rig on SLOT#02 EX. SHEEP 10-12 (2323'FSL & 1529'FEL, PR/NB-CD/7371'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 45 of 135

**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

**CLEARANCE DATA - Offset Wellbore: EX. SHEEP 16-12 AWB Offset Wellpath: EX. SHEEP 16-12 AWP**

Facility: SEC.12-T05N-R67W Slot: SLOT#04 EX. SHEEP 16-12 (2240'FSL & 1430'FEL, PR/NB-CD/7793'TD) Well: EX. SHEEP 16-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	18.00	4.00	-433.02	-2700.87	-99.11	2735.36	50.17	55.57	PASS

**C-C Clearance Distance Cutoff: 200.00 ft****POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 16-12 AWB Offset Wellpath: EX. SHEEP 16-12 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 16-12 AWB Offset Wellpath: EX. SHEEP 16-12 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7783.00	ISCWSA MWD, Rev. 4 (Standard)	DIRECTIONAL SURVEY PROVIDED BY SRC <500-7783>	EX. SHEEP 16-12 AWB
7783.00	7793.00	Blind Drilling (std)	Projection to bit	EX. SHEEP 16-12 AWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 16-12 AWB Offset Wellpath: EX. SHEEP 16-12 AWP**

MD Reference: <b>Rig on SLOT#04 EX. SHEEP 16-12 (2240'FSL &amp; 1430'FEL, PR/NB-CD/7793'TD) (RT)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 46 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 12N-11C-L PWB Offset Wellpath: BOST FARM 12N-11C-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#03 BOST FARM 12N-11C-L (2666'FSL & 1094'FWL, SEC.07) Well: BOST FARM 12N-11C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	8.00	4.00	1.46	-180.17	-89.54	180.17	1.58	292.52	PASS
100.00	100.00	0.00	0.00	104.00	100.00	1.46	-180.17	-89.54	180.17	2.18	147.77	PASS
104.00†	104.00	0.00	0.00	108.00	104.00	1.46	-180.17	72.42	180.17	2.22	143.19	PASS
204.00†	203.98	-1.79	-0.58	207.98	203.98	1.46	-180.17	73.00	179.61	3.25	78.16	PASS
304.00†	303.83	-6.90	-2.25	307.83	303.83	1.46	-180.17	74.68	178.11	4.37	52.07	PASS
404.00†	403.43	-15.32	-4.99	407.43	403.43	1.46	-180.17	77.49	175.98	5.47	38.86	PASS
504.00†	502.66	-27.04	-8.81	506.66	502.66	1.46	-180.17	81.48	173.71	6.60	30.67	PASS
604.00†	601.40	-42.04	-13.70	605.40	601.40	1.46	-180.17	86.65	172.06	7.79	25.06	PASS
657.38†	653.87	-51.39	-16.75	658.11	654.11	1.46	-180.17	89.89	171.75	8.48	22.72	PASS
704.00†	699.54	-60.32	-19.65	703.54	699.54	1.46	-180.17	92.93	171.99	9.09	21.06	PASS
804.00†	796.94	-81.83	-26.67	800.94	796.94	1.46	-180.17	100.13	174.64	10.49	18.23	PASS
904.00†	893.49	-106.57	-34.73	897.49	893.49	1.46	-180.17	107.88	181.17	11.99	16.34	PASS
1004.00†	989.07	-134.49	-43.83	993.07	989.07	1.46	-180.17	115.72	192.54	13.52	15.26	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 12N-11C-L PWB Offset Wellpath: BOST FARM 12N-11C-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 12N-11C-L PWB Offset Wellpath: BOST FARM 12N-11C-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	0.00	1740.98	0.89	-109.83	-14.53	-128.23
9.625in Casing Surface	4.00	1750.00	1746.00	0.00	1740.98	0.89	-109.83	-14.53	-128.23
8.5in Open Hole	1750.00	17441.99	15691.99	1740.98	6990.00	-14.53	-128.23	-192.39	-3515.39





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 47 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

SURVEY PROGRAM - Offset Wellbore: BOST FARM 12N-11C-L PWB    Offset Wellpath: BOST FARM 12N-11C-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 12N-11C-L PWB
1750.00	17442.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 12N-11C-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 12N-11C-L PWB    Offset Wellpath: BOST FARM 12N-11C-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 48 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 16N-8A-L PWB Offset Wellpath: BOST FARM 16N-8A-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#21 BOST FARM 16N-8A-L (2507'FSL & 1116'FWL, SEC.07) Well: BOST FARM 16N-8A-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	7.00	4.00	181.43	-158.72	-41.18	241.06	1.57	393.94	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 16N-8A-L PWB Offset Wellpath: BOST FARM 16N-8A-L (REV-B.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 16N-8A-L PWB Offset Wellpath: BOST FARM 16N-8A-L (REV-B.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	1.00	1685.85	110.60	-96.76	24.85	-170.31
9.625in Casing Surface	4.00	1750.00	1746.00	1.00	1685.85	110.60	-96.76	24.85	-170.31
8.5in Open Hole	1750.00	17935.49	16185.49	1685.85	N/A	24.85	-170.31	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 16N-8A-L PWB Offset Wellpath: BOST FARM 16N-8A-L (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 16N-8A-L PWB
1750.00	17935.49	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 16N-8A-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 16N-8A-L PWB Offset Wellpath: BOST FARM 16N-8A-L (REV-B.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 49 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 32C-11-L2 PWB Offset Wellpath: BOST FARM 32C-11-L2 (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#02 BOST FARM 32C-11-L2 (2666'FSL & 1074'FWL, SEC.07) Well: BOST FARM 32C-11-L2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	9.00	4.00	1.46	-200.22	-89.58	200.22	1.58	323.58	PASS
100.00	100.00	0.00	0.00	105.00	100.00	1.46	-200.22	-89.58	200.22	2.18	163.62	PASS
104.00†	104.00	0.00	0.00	109.00	104.00	1.46	-200.22	72.37	200.22	2.22	158.58	PASS
204.00†	203.98	-1.79	-0.58	208.98	203.98	1.46	-200.22	72.90	199.66	3.25	86.72	PASS
304.00†	303.83	-6.90	-2.25	308.83	303.83	1.46	-200.22	74.41	198.14	4.37	57.83	PASS
404.00†	403.43	-15.32	-4.99	408.43	403.43	1.46	-200.22	76.94	195.94	5.48	43.18	PASS
504.00†	502.66	-27.04	-8.81	507.66	502.66	1.46	-200.22	80.51	193.51	6.61	34.10	PASS
604.00†	601.40	-42.04	-13.70	606.40	601.40	1.46	-200.22	85.16	191.52	7.80	27.86	PASS
690.89†	686.71	-57.74	-18.81	691.66	686.66	1.46	-200.22	90.02	190.82	8.92	23.87	PASS
704.00†	699.54	-60.32	-19.65	704.54	699.54	1.46	-200.22	90.82	190.84	9.09	23.37	PASS
804.00†	796.94	-81.83	-26.67	801.94	796.94	1.46	-200.22	97.36	192.50	10.48	20.12	PASS
904.00†	893.49	-106.57	-34.73	898.49	893.49	1.46	-200.22	104.52	197.63	11.98	17.86	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 32C-11-L2 PWB Offset Wellpath: BOST FARM 32C-11-L2 (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 32C-11-L2 PWB Offset Wellpath: BOST FARM 32C-11-L2 (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-1.00	1741.90	0.89	-122.05	-7.22	-137.71
9.625in Casing Surface	4.00	1750.00	1746.00	-1.00	1741.90	0.89	-122.05	-7.22	-137.71
8.5in Open Hole	1750.00	17526.18	15776.18	1741.90	N/A	-7.22	-137.71	N/A	N/A



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 50 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

SURVEY PROGRAM - Offset Wellbore: BOST FARM 32C-11-L2 PWB    Offset Wellpath: BOST FARM 32C-11-L2 (REV-B.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 32C-11-L2 PWB
1750.00	17526.18	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 32C-11-L2 PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 32C-11-L2 PWB    Offset Wellpath: BOST FARM 32C-11-L2 (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

## BOST FARM 34C-11-L (REV-B.0) PWP

### Closest Approach

Page 51 of 135



#### REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

#### CLEARANCE DATA - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#01 BOST FARM 32N-11B-L (2666'FSL & 1054'FWL, SEC.07) Well: BOST FARM 32N-11B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	9.00	4.00	1.82	-219.99	-89.53	219.99	1.58	355.69	PASS

C-C Clearance Distance Cutoff: 200.00 ft

#### POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

#### HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-1.00	1742.85	1.11	-134.10	-1.20	-147.29
9.625in Casing Surface	4.00	1750.00	1746.00	-1.00	1742.85	1.11	-134.10	-1.20	-147.29
8.5in Open Hole	1750.00	17315.07	15565.07	1742.85	6966.00	-1.20	-147.29	-59.57	-3527.46

#### SURVEY PROGRAM - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 32N-11B-L PWB
1750.00	17315.08	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 32N-11B-L PWB

#### OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-B.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 52 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. BORESEN 1 AWB Offset Wellpath: EX. BORESEN 1 AWP												
Facility: SEC.12-T05N-R67W Slot: SLOT#09 EX. BORESEN 1 (2040'FNL & 600'FEL, PR/NB-CD/7244'TD) Well: EX. BORESEN 1 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	4.00	645.63	-1881.53	-71.06	1989.22	50.76	39.93	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. BORESEN 1 AWB Offset Wellpath: EX. BORESEN 1 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. BORESEN 1 AWB Offset Wellpath: EX. BORESEN 1 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7244.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7244>	EX. BORESEN 1 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. BORESEN 1 AWB Offset Wellpath: EX. BORESEN 1 AWP	
MD Reference: Rig on SLOT#09 EX. BORESEN 1 (2040'FNL & 600'FEL, PR/NB-CD/7244'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 53 of 135

**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

**CLEARANCE DATA - Offset Wellbore: EX. DETIENNE 24-12 AWB Offset Wellpath: EX. DETIENNE 24-12 AWP**

Facility: SEC.12-T05N-R67W Slot: SLOT#10 EX. DETIENNE 24-12 (2008'FNL & 641'FEL, PR/NB-CD/7396'TD) Well: EX. DETIENNE 24-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	16.00	4.00	679.52	-1918.84	-70.50	2035.61	50.95	40.70	PASS

**C-C Clearance Distance Cutoff: 200.00 ft****POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DETIENNE 24-12 AWB Offset Wellpath: EX. DETIENNE 24-12 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION - Offset Wellbore: EX. DETIENNE 24-12 AWB Offset Wellpath: EX. DETIENNE 24-12 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7396.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7396>	EX. DETIENNE 24-12 AWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. DETIENNE 24-12 AWB Offset Wellpath: EX. DETIENNE 24-12 AWP**

MD Reference: Rig on SLOT#10 EX. DETIENNE 24-12 (2008'FNL & 641'FEL, PR/NB-CD/7396'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 54 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 16C-8-L PWB Offset Wellpath: BOST FARM 16C-8-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#20 BOST FARM 16C-8-L (2507'FSL & 1136'FWL, SEC.07) Well: BOST FARM 16C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	4.00	181.06	-138.67	-37.45	228.07	1.57	374.56	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 16C-8-L PWB Offset Wellpath: BOST FARM 16C-8-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 16C-8-L PWB Offset Wellpath: BOST FARM 16C-8-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	2.00	1692.64	110.38	-84.54	32.16	-160.17
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1692.64	110.38	-84.54	32.16	-160.17
8.5in Open Hole	1750.00	18154.98	16404.98	1692.64	7340.00	32.16	-160.17	-447.36	2686.34

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 16C-8-L PWB Offset Wellpath: BOST FARM 16C-8-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 16C-8-L PWB
1750.00	18154.98	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 16C-8-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 16C-8-L PWB Offset Wellpath: BOST FARM 16C-8-L (REV-B.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 55 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 39N-8B-L PWB Offset Wellpath: BOST FARM 39N-8B-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#19 BOST FARM 39N-8B-L (2507'FSL & 1156'FWL, SEC.07) Well: BOST FARM 39N-8B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	4.00	181.06	-118.62	-33.23	216.46	1.57	355.42	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 39N-8B-L PWB Offset Wellpath: BOST FARM 39N-8B-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 39N-8B-L PWB Offset Wellpath: BOST FARM 39N-8B-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	2.00	1693.97	110.38	-72.31	38.62	-152.73
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1693.97	110.38	-72.31	38.62	-152.73
8.5in Open Hole	1750.00	17924.41	16174.41	1693.97	N/A	38.62	-152.73	N/A	N/A

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 39N-8B-L PWB Offset Wellpath: BOST FARM 39N-8B-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 39N-8B-L PWB
1750.00	17924.41	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 39N-8B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 39N-8B-L PWB Offset Wellpath: BOST FARM 39N-8B-L (REV-B.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 56 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 22-11 AWB Offset Wellpath: EX. SKYWAY 22-11 AWP												
Facility: SEC.11-T05N-R67W Slot: SLOT#03 EX. SKYWAY 22-11 (2069'FNL & 468'FWL, PR/7921'TD) Well: EX. SKYWAY 22-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	75.00	4.00	531.91	-11243.29	-87.29	11255.86	50.19	228.64	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SKYWAY 22-11 AWB Offset Wellpath: EX. SKYWAY 22-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SKYWAY 22-11 AWB Offset Wellpath: EX. SKYWAY 22-11 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7921.00	ISCWSA MWD, Rev. 4 (Standard)	DIRECTIONAL SURVEYS PROVIDED BY SRC <500-7921>
			EX. SKYWAY 22-11 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SKYWAY 22-11 AWB Offset Wellpath: EX. SKYWAY 22-11 AWP	
MD Reference: Rig on SLOT#03 EX. SKYWAY 22-11 (2069'FNL & 468'FWL, PR/7470'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 57 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ARIEL J 7-12 AWB Offset Wellpath: EX. ARIEL J 7-12 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#55 EX. ARIEL J 7-12 (1813'FSL & 660'FWL, PA-CODL-7370'TD) Well: EX. ARIEL J 7-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	26.00	-849.93	-615.15	-144.11	1049.42	1.27	3421.21	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ARIEL J 7-12 AWB Offset Wellpath: EX. ARIEL J 7-12 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. ARIEL J 7-12 AWB Offset Wellpath: EX. ARIEL J 7-12 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7150.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7150>	EX. ARIEL J 7-12 AWB
7150.00	7370.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7370>	EX. ARIEL J 7-12 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ARIEL J 7-12 AWB Offset Wellpath: EX. ARIEL J 7-12 AWP	
MD Reference: Rig on SLOT#55 EX. ARIEL J 7-12 (1813'FSL & 660'FWL, PA-CODL-7370'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 58 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 39N-8C-L PWB Offset Wellpath: BOST FARM 39N-8C-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#18 BOST FARM 39N-8C-L (2506'FSL & 1176'FWL, SEC.07) Well: BOST FARM 39N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	4.00	180.70	-98.58	-28.61	205.84	1.57	337.90	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 39N-8C-L PWB Offset Wellpath: BOST FARM 39N-8C-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 39N-8C-L PWB Offset Wellpath: BOST FARM 39N-8C-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	2.00	1698.22	110.15	-60.09	47.26	-143.32
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1698.22	110.15	-60.09	47.26	-143.32
8.5in Open Hole	1750.00	18009.43	16259.43	1698.22	7226.00	47.26	-143.32	-310.33	2697.57

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 39N-8C-L PWB Offset Wellpath: BOST FARM 39N-8C-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 39N-8C-L PWB
1750.00	18009.43	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 39N-8C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 39N-8C-L PWB Offset Wellpath: BOST FARM 39N-8C-L (REV-B.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 59 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 9C-8-L PWB Offset Wellpath: BOST FARM 9C-8-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#17 BOST FARM 9C-8-L (2506'FSL & 1196'FWL, SEC.07) Well: BOST FARM 9C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	6.00	4.00	180.70	-78.80	-23.56	197.14	1.57	323.55	PASS
100.00	100.00	0.00	0.00	102.00	100.00	180.70	-78.80	-23.56	197.14	2.17	162.60	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	180.70	-78.80	138.39	197.14	2.21	158.01	PASS
204.00†	203.98	-1.79	-0.58	205.98	203.98	180.70	-78.80	138.73	198.55	3.39	81.47	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 9C-8-L PWB Offset Wellpath: BOST FARM 9C-8-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 9C-8-L PWB Offset Wellpath: BOST FARM 9C-8-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	2.00	1701.49	110.15	-48.04	55.83	-133.74
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1701.49	110.15	-48.04	55.83	-133.74
8.5in Open Hole	1750.00	17975.59	16225.59	1701.49	7343.00	55.83	-133.74	-241.70	2703.05

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 9C-8-L PWB Offset Wellpath: BOST FARM 9C-8-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 9C-8-L PWB
1750.00	17975.59	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 9C-8-L PWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 60 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 9C-8-L PWB Offset Wellpath: BOST FARM 9C-8-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>4.00ft</b>



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 61 of 135

**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

**CLEARANCE DATA - Offset Wellbore: EX. DRAKE 8-1 AWB Offset Wellpath: EX. DRAKE 8-1 AWP**

Facility: SEC.08-T05N-R66W Slot: SLOT#05 EX. DRAKE 8-1 (660'FSL & 1980'FWL, PA/NB-CD/7400'TD) Well: EX. DRAKE 8-1 Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	40.00	-2062.37	6011.70	108.94	6355.72	25.57	258.31	PASS

**C-C Clearance Distance Cutoff: 200.00 ft****POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DRAKE 8-1 AWB Offset Wellpath: EX. DRAKE 8-1 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION - Offset Wellbore: EX. DRAKE 8-1 AWB Offset Wellpath: EX. DRAKE 8-1 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7400.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7400>	EX. DRAKE 8-1 AWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. DRAKE 8-1 AWB Offset Wellpath: EX. DRAKE 8-1 AWP**

MD Reference: Rig on SLOT#05 EX. DRAKE 8-1 (660'FSL & 1980'FWL, PA/NB-CD/7400'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 62 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 9N-8B-L PWB Offset Wellpath: BOST FARM 9N-8B-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#16 BOST FARM 9N-8B-L (2506'FSL & 1216'FWL, SEC.07) Well: BOST FARM 9N-8B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	180.34	-58.76	-18.05	189.67	1.57	312.86	PASS
100.00	100.00	0.00	0.00	101.00	100.00	180.34	-58.76	-18.05	189.67	2.17	156.82	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	180.34	-58.76	143.91	189.67	2.20	152.61	PASS
204.00†	203.98	-1.79	-0.58	204.98	203.98	180.34	-58.76	144.22	191.19	3.41	77.73	PASS
304.00†	303.83	-6.90	-2.25	305.47	304.47	180.09	-59.24	144.94	195.49	4.92	49.20	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 9N-8B-L PWB Offset Wellpath: BOST FARM 9N-8B-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 9N-8B-L PWB Offset Wellpath: BOST FARM 9N-8B-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1702.96	109.93	-35.82	64.57	-126.10
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1702.96	109.93	-35.82	64.57	-126.10
8.5in Open Hole	1750.00	17754.03	16004.03	1702.96	N/A	64.57	-126.10	N/A	N/A

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 9N-8B-L PWB Offset Wellpath: BOST FARM 9N-8B-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 9N-8B-L PWB
1750.00	17754.03	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 9N-8B-L PWB





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 63 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 9N-8B-L PWB    Offset Wellpath: BOST FARM 9N-8B-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 64 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 9N-8C-L PWB Offset Wellpath: BOST FARM 9N-8C-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#15 BOST FARM 9N-8C-L (2506'FSL & 1236'FWL, SEC.07) Well: BOST FARM 9N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	5.00	4.00	180.33	-38.71	-12.11	184.44	1.57	304.20	PASS
100.00	100.00	0.00	0.00	101.00	100.00	180.33	-38.71	-12.11	184.44	2.17	152.48	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	180.33	-38.71	149.84	184.44	2.20	148.39	PASS
204.00†	203.98	-1.79	-0.58	204.98	203.98	180.33	-38.71	150.11	186.08	3.44	74.82	PASS
304.00†	303.83	-6.90	-2.25	305.45	304.45	180.14	-39.21	150.72	190.66	4.99	47.11	PASS
404.00†	403.43	-15.32	-4.99	406.36	405.28	178.82	-42.69	150.85	197.77	6.34	36.58	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 9N-8C-L PWB Offset Wellpath: BOST FARM 9N-8C-L (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 9N-8C-L PWB Offset Wellpath: BOST FARM 9N-8C-L (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	3.00	1705.53	109.93	-23.60	74.81	-115.79
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1705.53	109.93	-23.60	74.81	-115.79
8.5in Open Hole	1750.00	17786.12	16036.12	1705.53	7231.00	74.81	-115.79	-104.67	2714.21

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 9N-8C-L PWB Offset Wellpath: BOST FARM 9N-8C-L (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 9N-8C-L PWB
1750.00	17786.12	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 9N-8C-L PWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 65 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 9N-8C-L PWB    Offset Wellpath: BOST FARM 9N-8C-L (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>4.00ft</b>



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 66 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 40C-8-L2 PWB Offset Wellpath: BOST FARM 40C-8-L2 (REV-B.0) PWB

Facility: SEC.07-T05N-R66W Slot: SLOT#14 BOST FARM 40C-8-L2 (2506'FSL & 1256'FWL, SEC.07) Well: BOST FARM 40C-8-L2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	4.00	4.00	180.33	-18.66	-5.91	181.30	1.56	300.56	PASS
100.00	100.00	0.00	0.00	100.00	100.00	180.33	-18.66	-5.91	181.30	2.16	150.26	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	180.33	-18.66	156.05	181.30	2.20	146.44	PASS
204.00†	203.98	-1.79	-0.58	203.98	203.98	180.33	-18.66	156.27	183.02	3.46	73.03	PASS
304.00†	303.83	-6.90	-2.25	304.42	304.41	180.20	-19.16	156.74	187.87	5.05	45.73	PASS
404.00†	403.43	-15.32	-4.99	405.23	405.16	179.28	-22.73	156.65	195.41	6.42	35.64	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 40C-8-L2 PWB Offset Wellpath: BOST FARM 40C-8-L2 (REV-B.0) PWB

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 40C-8-L2 PWB Offset Wellpath: BOST FARM 40C-8-L2 (REV-B.0) PWB

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	4.00	1708.93	109.93	-11.37	85.67	-104.60
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1708.93	109.93	-11.37	85.67	-104.60
8.5in Open Hole	1750.00	17867.51	16117.51	1708.93	7348.00	85.67	-104.60	-36.04	2719.87

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 40C-8-L2 PWB Offset Wellpath: BOST FARM 40C-8-L2 (REV-B.0) PWB

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 40C-8-L2 PWB
1750.00	17867.51	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 40C-8-L2 PWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 67 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 40C-8-L2 PWB    Offset Wellpath: BOST FARM 40C-8-L2 (REV-B.0) PWB	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 68 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. DRAKE 8-15H6 AWB Offset Wellpath: EX. DRAKE 8-15H6 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#07 EX. DRAKE 8-15H6 (838'FSL & 2014'FEL, PA-CODL-7553'TD) Well: EX. DRAKE 8-15H6 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	53.00	-1804.76	7496.79	103.54	7711.12	25.56	313.40	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DRAKE 8-15H6 AWB Offset Wellpath: EX. DRAKE 8-15H6 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: EX. DRAKE 8-15H6 AWB Offset Wellpath: EX. DRAKE 8-15H6 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7553.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7553>	EX. DRAKE 8-15H6 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. DRAKE 8-15H6 AWB Offset Wellpath: EX. DRAKE 8-15H6 AWP	
MD Reference: Rig on SLOT#07 EX. DRAKE 8-15H6 (838'FSL & 2014'FEL, PA-CODL-7553'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 69 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 40N-8B-L2 PWB Offset Wellpath: BOST FARM 40N-8B-L2 (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#13 BOST FARM 40N-8B-L2 (2506'FNL & 1276'FWL, SEC.07) Well: BOST FARM 40N-8B-L2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	9.00	4.00	179.97	1.39	0.44	179.98	1.58	290.71	PASS
100.00	100.00	0.00	0.00	105.00	100.00	179.97	1.39	0.44	179.98	2.18	147.00	PASS
104.00†	104.00	0.00	0.00	109.00	104.00	179.97	1.39	162.40	179.98	2.22	142.47	PASS
204.00†	203.98	-1.79	-0.58	208.98	203.98	179.97	1.39	162.56	181.78	3.50	71.21	PASS
304.00†	303.83	-6.90	-2.25	309.43	304.43	179.88	0.78	162.84	186.81	5.13	44.60	PASS
404.00†	403.43	-15.32	-4.95	410.14	405.06	179.35	-3.04	162.45	194.69	6.51	34.91	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 40N-8B-L2 PWB Offset Wellpath: BOST FARM 40N-8B-L2 (REV-B.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 40N-8B-L2 PWB Offset Wellpath: BOST FARM 40N-8B-L2 (REV-B.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-1.00	1702.57	109.71	0.85	96.11	-95.86
9.625in Casing Surface	4.00	1750.00	1746.00	-1.00	1702.57	109.71	0.85	96.11	-95.86
8.5in Open Hole	1750.00	17671.98	15921.98	1702.57	7160.00	96.11	-95.86	32.58	2725.46

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 40N-8B-L2 PWB Offset Wellpath: BOST FARM 40N-8B-L2 (REV-B.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 40N-8B-L2 PWB
1750.00	17671.98	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 40N-8B-L2 PWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 70 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 40N-8B-L2 PWB    Offset Wellpath: BOST FARM 40N-8B-L2 (REV-B.0) PWP	
MD Reference: <b>PROPETRO 12 (4') (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>4.00ft</b>





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 71 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. DRAKE 8-2 AWB Offset Wellpath: EX. DRAKE 8-2 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#08 EX. DRAKE 8-2 (660'FSL & 660'FEL, PA-CODL-7432'TD) Well: EX. DRAKE 8-2 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	23.00	-2036.09	8635.31	103.27	8872.13	25.57	360.59	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DRAKE 8-2 AWB Offset Wellpath: EX. DRAKE 8-2 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: EX. DRAKE 8-2 AWB Offset Wellpath: EX. DRAKE 8-2 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7432.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7432>	EX. DRAKE 8-2 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. DRAKE 8-2 AWB Offset Wellpath: EX. DRAKE 8-2 AWP	
MD Reference: Rig on SLOT#08 EX. DRAKE 8-2 (660'FSL & 660'FEL, PA-CODL-7432'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 72 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ARIEL J 7-14 AWB Offset Wellpath: EX. ARIEL J 7-14 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#57 EX. ARIEL J 7-14 (1939'FSL & 2157'FWL, SI-CODL-7710'TD) Well: EX. ARIEL J 7-14 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	30.00	-694.73	857.69	129.01	1104.07	1.27	3580.04	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ARIEL J 7-14 AWB Offset Wellpath: EX. ARIEL J 7-14 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. ARIEL J 7-14 AWB Offset Wellpath: EX. ARIEL J 7-14 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7500.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7500>	EX. ARIEL J 7-14 AWB
7500.00	7710.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7710>	EX. ARIEL J 7-14 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ARIEL J 7-14 AWB Offset Wellpath: EX. ARIEL J 7-14 AWP	
MD Reference: Rig on SLOT#57 EX. ARIEL J 7-14 (1939'FSL & 2157'FWL, SI-CODL-7710'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 73 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP												
Facility: SEC.11-T05N-R67W Slot: SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) Well: EX. ARTIST 11-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	174.86	88.85	2098.82	-8222.54	-75.68	8486.60	50.18	172.41	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7150.00	BHI Generic gyro - continuous (Standard)	CORETECH WIRELINE GYRO SURVEYS PROVIDED BY SRC <100-7150>	EX. ARTIST 11-12 AWB
7150.00	7358.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7358>	EX. ARTIST 11-12 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP	
MD Reference: Rig on SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 74 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LUNDVALL J 18-28D AWB Offset Wellpath: EX. LUNDVALL J 18-28D AWP												
Facility: SEC.18-T05N-R66W Slot: SLOT#03 EX. LUNDVALL J 18-28D (2033'FNL & 1917'FEL, PR/NB-CD/7995'TD) Well: EX. LUNDVALL J 18-28D Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	63.99	4.99	-4712.98	2128.49	155.70	5171.33	50.17	105.08	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. LUNDVALL J 18-28D AWB Offset Wellpath: EX. LUNDVALL J 18-28D AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. LUNDVALL J 18-28D AWB Offset Wellpath: EX. LUNDVALL J 18-28D AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7800.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7800>	EX. LUNDVALL J 18-28D AWB
7800.00	7995.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7995>	EX. LUNDVALL J 18-28D AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. LUNDVALL J 18-28D AWB Offset Wellpath: EX. LUNDVALL J 18-28D AWP	
MD Reference: Rig on SLOT#03 EX. LUNDVALL J 18-28D (2033'FNL & 1917'FEL, PR/NB-CD/7995'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 75 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 7-12 AWB Offset Wellpath: EX. SHEEP 7-12 AWP												
Facility: SEC.12-T05N-R67W Slot: SLOT#07 EX. SHEEP 7-12 (2352'FSL & 1539'FEL, PR/NB-CD/7436'TD) Well: EX. SHEEP 7-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	18.00	4.00	-340.84	-2804.45	-96.93	2825.08	50.17	57.39	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 7-12 AWB Offset Wellpath: EX. SHEEP 7-12 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 7-12 AWB Offset Wellpath: EX. SHEEP 7-12 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Wellbore
0.00	7451.00	ISWWSA MWD, Rev. 4 (Standard)	EX. SHEEP 7-12 AWB
		DIRECTIONAL SURVEYS PROVIDED BY SRC <500-7451>	

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 7-12 AWB Offset Wellpath: EX. SHEEP 7-12 AWP	
MD Reference: Rig on SLOT#07 EX. SHEEP 7-12 (2352'FSL & 1539'FEL, PR/NB-CD/7436'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

## BOST FARM 34C-11-L (REV-B.0) PWP

### Closest Approach

Page 76 of 135



#### REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

#### CLEARANCE DATA - Offset Wellbore: BOST FARM 40C-8-L PWB Offset Wellpath: BOST FARM 40C-8-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#48 BOST FARM 40C-8-L (1517'FNL & 939'FWL, SEC.07) Well: BOST FARM 40C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	4.00	1174.89	-341.10	-16.19	1223.41	1.59	1955.10	PASS

C-C Clearance Distance Cutoff: 200.00 ft

#### POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 40C-8-L PWB Offset Wellpath: BOST FARM 40C-8-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

#### HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 40C-8-L PWB Offset Wellpath: BOST FARM 40C-8-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-4.00	1703.79	716.22	-207.93	664.26	-285.56
9.625in Casing Surface	4.00	1750.00	1746.00	-4.00	1703.79	716.22	-207.93	664.26	-285.56
8.5in Open Hole	1750.00	17750.91	16000.91	1703.79	N/A	664.26	-285.56	N/A	N/A

#### SURVEY PROGRAM - Offset Wellbore: BOST FARM 40C-8-L PWB Offset Wellpath: BOST FARM 40C-8-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 40C-8-L PWB
1750.00	17750.91	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 40C-8-L PWB

#### OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 40C-8-L PWB Offset Wellpath: BOST FARM 40C-8-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 77 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP												
Facility: SEC.12-T05N-R67W Slot: SLOT#06 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD/7880'TD) Well: EX. SHEEP 2-12 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	17.55	3.55	-384.20	-2723.98	-98.03	2750.94	50.18	55.88	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Wellbore
0.00	7880.00	ISWWSA MWD, Rev. 4 (Standard)	EX. SHEEP 2-12 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP	
MD Reference: Rig on SLOT#06 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD/7880'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 78 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 40N-8B-L PWB Offset Wellpath: BOST FARM 40N-8B-L (REV-A.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#47 BOST FARM 40N-8B-L (1497'FNL & 939'FWL, SEC.07) Well: BOST FARM 40N-8B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	12.00	4.00	1194.93	-340.79	-15.92	1242.58	1.59	1985.76	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 40N-8B-L PWB Offset Wellpath: BOST FARM 40N-8B-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 40N-8B-L PWB Offset Wellpath: BOST FARM 40N-8B-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-4.00	1705.03	728.43	-207.74	684.88	-288.89
9.625in Casing Surface	4.00	1750.00	1746.00	-4.00	1705.03	728.43	-207.74	684.88	-288.89
8.5in Open Hole	1750.00	17529.40	15779.40	1705.03	N/A	684.88	-288.89	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 40N-8B-L PWB Offset Wellpath: BOST FARM 40N-8B-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 40N-8B-L PWB
1750.00	17529.40	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 40N-8B-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 40N-8B-L PWB Offset Wellpath: BOST FARM 40N-8B-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 79 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ARIEL J 7-11 AWB Offset Wellpath: EX. ARIEL J 7-11 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#54 EX. ARIEL J 7-11 (1950'FSL & 2108'FWL, PA-CODL-7506'TD) Well: EX. ARIEL J 7-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	26.00	-723.88	843.77	130.63	1111.95	1.27	3633.54	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ARIEL J 7-11 AWB Offset Wellpath: EX. ARIEL J 7-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. ARIEL J 7-11 AWB Offset Wellpath: EX. ARIEL J 7-11 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7000.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7000>	EX. ARIEL J 7-11 AWB
7000.00	7506.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7506>	EX. ARIEL J 7-11 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ARIEL J 7-11 AWB Offset Wellpath: EX. ARIEL J 7-11 AWP	
MD Reference: Rig on SLOT#54 EX. ARIEL J 7-11 (1950'FSL & 2108'FWL, PA-CODL-7506'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 80 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 8C-8-L PWB Offset Wellpath: BOST FARM 8C-8-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#46 BOST FARM 8C-8-L (1477'FNL & 939'FWL, SEC.07) Well: BOST FARM 8C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1214.97	-340.79	-15.67	1261.86	1.59	2006.46	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 8C-8-L PWB Offset Wellpath: BOST FARM 8C-8-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 8C-8-L PWB Offset Wellpath: BOST FARM 8C-8-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1708.29	740.65	-207.74	707.63	-288.58
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1708.29	740.65	-207.74	707.63	-288.58
8.5in Open Hole	1750.00	17688.59	15938.59	1708.29	7354.00	707.63	-288.58	538.11	2589.26

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 8C-8-L PWB Offset Wellpath: BOST FARM 8C-8-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 8C-8-L PWB
1750.00	17688.59	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 8C-8-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 8C-8-L PWB Offset Wellpath: BOST FARM 8C-8-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

## BOST FARM 34C-11-L (REV-B.0) PWP

### Closest Approach

Page 81 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 8N-8C-L PWB Offset Wellpath: BOST FARM 8N-8C-L (REV-A.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#45 BOST FARM 8N-8C-L (1457'FNL & 940'FWL, SEC.07) Well: BOST FARM 8N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1235.00	-340.56	-15.42	1281.10	1.59	2037.08	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 8N-8C-L PWB Offset Wellpath: BOST FARM 8N-8C-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 8N-8C-L PWB Offset Wellpath: BOST FARM 8N-8C-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1709.18	752.86	-207.60	729.79	-290.73
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1709.18	752.86	-207.60	729.79	-290.73
8.5in Open Hole	1750.00	17551.93	15801.93	1709.18	N/A	729.79	-290.73	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 8N-8C-L PWB Offset Wellpath: BOST FARM 8N-8C-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 8N-8C-L PWB
1750.00	17551.93	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 8N-8C-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 8N-8C-L PWB Offset Wellpath: BOST FARM 8N-8C-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 82 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: EX. LUNDVALL J 18-27D AWB Offset Wellpath: EX. LUNDVALL J 18-27D AWP

Facility: SEC.18-T05N-R66W				Slot: SLOT#02 EX. LUNDVALL J 18-27D (2065'FNL & 1894'FEL, PR/CODL/7974'TD)				Well: EX. LUNDVALL J 18-27D		Threshold Value=1.00 † = interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4.00	4.00	0.00	0.00	88.53	28.53	-4743.79	2150.08	155.62	5208.36	50.17	105.83	PASS	

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: EX. LUNDVALL J 18-27D AWB Offset Wellpath: EX. LUNDVALL J 18-27D AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: EX. LUNDVALL J 18-27D AWB Offset Wellpath: EX. LUNDVALL J 18-27D AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7876.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7876>	EX. LUNDVALL J 18-27D AWB
7876.00	7974.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7974>	EX. LUNDVALL J 18-27D AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. LUNDVALL J 18-27D AWB Offset Wellpath: EX. LUNDVALL J 18-27D AWP

MD Reference: Rig on SLOT#02 EX. LUNDVALL J 18-27D (2065'FNL & 1894'FEL, PR/CODL/7974'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 83 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SAMUEL J 7-15 AWB Offset Wellpath: EX. SAMUEL J 7-15 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#59 EX. SAMUEL J 7-15 (1881'FSL & 1422'FEL, SI-CODL-7923'TD) Well: EX. SAMUEL J 7-15 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	62.00	-796.62	2592.58	107.08	2712.83	1.27	8841.70	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SAMUEL J 7-15 AWB Offset Wellpath: EX. SAMUEL J 7-15 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SAMUEL J 7-15 AWB Offset Wellpath: EX. SAMUEL J 7-15 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7500.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEY PROVIDED BY SRC <100-7500>	EX. SAMUEL J 7-15 AWB
7500.00	7923.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7923>	EX. SAMUEL J 7-15 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SAMUEL J 7-15 AWB Offset Wellpath: EX. SAMUEL J 7-15 AWP	
MD Reference: Rig on SLOT#59 EX. SAMUEL J 7-15 (1881'FSL & 1422'FEL, SI-CODL-7923'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 84 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LUNDVALL J 17-30D AWB Offset Wellpath: EX. LUNDVALL J 17-30D AWP												
Facility: SEC.18-T05N-R66W Slot: SLOT#01 EX. LUNDVALL J 17-30D (2081'FNL & 1882'FEL, PR/NB-CD/8175'TD) Well: EX. LUNDVALL J 17-30D Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	91.18	31.18	-4757.22	2164.32	155.54	5226.49	50.17	106.20	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. LUNDVALL J 17-30D AWB Offset Wellpath: EX. LUNDVALL J 17-30D AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. LUNDVALL J 17-30D AWB Offset Wellpath: EX. LUNDVALL J 17-30D AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	6800.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <700-6800>	EX. LUNDVALL J 17-30D AWB
6800.00	8175.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <8175>	EX. LUNDVALL J 17-30D AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. LUNDVALL J 17-30D AWB Offset Wellpath: EX. LUNDVALL J 17-30D AWP	
MD Reference: Rig on SLOT#01 EX. LUNDVALL J 17-30D (2081'FNL & 1882'FEL, PR/NB-CD/8175'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 85 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 41N-8A-L PWB Offset Wellpath: BOST FARM 41N-8A-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#44 BOST FARM 41N-8A-L (1437'FNL & 940'FWL, SEC.07) Well: BOST FARM 41N-8A-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1255.04	-340.56	-15.18	1300.43	1.59	2067.84	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41N-8A-L PWB Offset Wellpath: BOST FARM 41N-8A-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 41N-8A-L PWB Offset Wellpath: BOST FARM 41N-8A-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1708.62	765.07	-207.60	752.20	-293.57
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1708.62	765.07	-207.60	752.20	-293.57
8.5in Open Hole	1750.00	17335.89	15585.89	1708.62	7069.00	752.20	-293.57	686.90	2588.35

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 41N-8A-L PWB Offset Wellpath: BOST FARM 41N-8A-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 41N-8A-L PWB
1750.00	17335.89	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 41N-8A-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41N-8A-L PWB Offset Wellpath: BOST FARM 41N-8A-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 86 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 41N-8B-L PWB Offset Wellpath: BOST FARM 41N-8B-L (REV-A.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#43 BOST FARM 41N-8B-L (1417'FNL & 940'FWL, SEC.07) Well: BOST FARM 41N-8B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1275.08	-340.25	-14.94	1319.69	1.59	2098.50	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41N-8B-L PWB Offset Wellpath: BOST FARM 41N-8B-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 41N-8B-L PWB Offset Wellpath: BOST FARM 41N-8B-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1710.23	777.29	-207.41	775.51	-292.40
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1710.23	777.29	-207.41	775.51	-292.40
8.5in Open Hole	1750.00	17458.31	15708.31	1710.23	N/A	775.51	-292.40	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 41N-8B-L PWB Offset Wellpath: BOST FARM 41N-8B-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 41N-8B-L PWB
1750.00	17458.31	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 41N-8B-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41N-8B-L PWB Offset Wellpath: BOST FARM 41N-8B-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 87 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 41C-8-L PWB Offset Wellpath: BOST FARM 41C-8-L (REV-A.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#42 BOST FARM 41C-8-L (1397'FNL & 940'FWL, SEC.07) Well: BOST FARM 41C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1294.81	-340.02	-14.71	1338.71	1.59	2128.76	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41C-8-L PWB Offset Wellpath: BOST FARM 41C-8-L (REV-A.0) PWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 41C-8-L PWB Offset Wellpath: BOST FARM 41C-8-L (REV-A.0) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1711.48	789.32	-207.27	798.32	-290.24
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1711.48	789.32	-207.27	798.32	-290.24
8.5in Open Hole	1750.00	17646.60	15896.60	1711.48	N/A	798.32	-290.24	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 41C-8-L PWB Offset Wellpath: BOST FARM 41C-8-L (REV-A.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 41C-8-L PWB
1750.00	17646.60	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 41C-8-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41C-8-L PWB Offset Wellpath: BOST FARM 41C-8-L (REV-A.0) PWP	
MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 88 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SAMUEL J 7-10 AWB Offset Wellpath: EX. SAMUEL J 7-10 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#58 EX. SAMUEL J 7-10 (1833'FSL & 1948'FEL, PA-CODL-7484'TD) Well: EX. SAMUEL J 7-10 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	52.00	-836.74	2066.27	112.05	2229.78	1.27	7264.61	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SAMUEL J 7-10 AWB Offset Wellpath: EX. SAMUEL J 7-10 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SAMUEL J 7-10 AWB Offset Wellpath: EX. SAMUEL J 7-10 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7300.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7300>	EX. SAMUEL J 7-10 AWB
7300.00	7484.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7484>	EX. SAMUEL J 7-10 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SAMUEL J 7-10 AWB Offset Wellpath: EX. SAMUEL J 7-10 AWP	
MD Reference: Rig on SLOT#58 EX. SAMUEL J 7-10 (1833'FSL & 1948'FEL, PA-CODL-7484'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 89 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 41N-8C-L PWB Offset Wellpath: BOST FARM 41N-8C-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#41 BOST FARM 41N-8C-L (1377'FNL & 941'FWL, SEC.07) Well: BOST FARM 41N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1314.85	-340.02	-14.50	1358.10	1.59	2159.62	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41N-8C-L PWB Offset Wellpath: BOST FARM 41N-8C-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 41N-8C-L PWB Offset Wellpath: BOST FARM 41N-8C-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1709.42	801.53	-207.27	821.62	-290.87
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1709.42	801.53	-207.27	821.62	-290.87
8.5in Open Hole	1750.00	17542.13	15792.13	1709.42	7252.00	821.62	-290.87	911.67	2587.00

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 41N-8C-L PWB Offset Wellpath: BOST FARM 41N-8C-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 41N-8C-L PWB
1750.00	17542.13	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 41N-8C-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41N-8C-L PWB Offset Wellpath: BOST FARM 41N-8C-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 90 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 1N-8B-L PWB Offset Wellpath: BOST FARM 1N-8B-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#40 BOST FARM 1N-8B-L (1357'FNL & 941'FWL, SEC.07) Well: BOST FARM 1N-8B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1334.89	-339.71	-14.28	1377.43	1.59	2190.38	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 1N-8B-L PWB Offset Wellpath: BOST FARM 1N-8B-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 1N-8B-L PWB Offset Wellpath: BOST FARM 1N-8B-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1706.93	813.75	-207.08	844.49	-290.48
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1706.93	813.75	-207.08	844.49	-290.48
8.5in Open Hole	1750.00	17483.63	15733.63	1706.93	7189.00	844.49	-290.48	985.63	2586.56

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 1N-8B-L PWB Offset Wellpath: BOST FARM 1N-8B-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 1N-8B-L PWB
1750.00	17483.63	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 1N-8B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 1N-8B-L PWB Offset Wellpath: BOST FARM 1N-8B-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

## BOST FARM 34C-11-L (REV-B.0) PWP

### Closest Approach

Page 91 of 135



#### REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

#### CLEARANCE DATA - Offset Wellbore: BOST FARM 1N-8C-L PWB Offset Wellpath: BOST FARM 1N-8C-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#39 BOST FARM 1N-8C-L (1337'FNL & 941'FWL, SEC.07) Well: BOST FARM 1N-8C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1354.92	-339.71	-14.08	1396.86	1.59	2221.29	PASS

C-C Clearance Distance Cutoff: 200.00 ft

#### POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 1N-8C-L PWB Offset Wellpath: BOST FARM 1N-8C-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

#### HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 1N-8C-L PWB Offset Wellpath: BOST FARM 1N-8C-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1705.14	825.96	-207.08	866.46	-288.46
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1705.14	825.96	-207.08	866.46	-288.46
8.5in Open Hole	1750.00	17577.42	15827.42	1705.14	7261.00	866.46	-288.46	1060.47	2586.12

#### SURVEY PROGRAM - Offset Wellbore: BOST FARM 1N-8C-L PWB Offset Wellpath: BOST FARM 1N-8C-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 1N-8C-L PWB
1750.00	17577.42	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 1N-8C-L PWB

#### OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 1N-8C-L PWB Offset Wellpath: BOST FARM 1N-8C-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

## BOST FARM 34C-11-L (REV-B.0) PWP

### Closest Approach

Page 92 of 135



#### REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

#### CLEARANCE DATA - Offset Wellbore: BOST FARM 26C-8-L PWB Offset Wellpath: BOST FARM 26C-8-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#38 BOST FARM 26C-8-L (1317'FNL & 941'FWL, SEC..07) Well: BOST FARM 26C-8-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1374.96	-339.40	-13.87	1416.23	1.59	2252.12	PASS

C-C Clearance Distance Cutoff: 200.00 ft

#### POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 26C-8-L PWB Offset Wellpath: BOST FARM 26C-8-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

#### HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 26C-8-L PWB Offset Wellpath: BOST FARM 26C-8-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1703.20	838.18	-206.89	887.41	-285.76
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1703.20	838.18	-206.89	887.41	-285.76
8.5in Open Hole	1750.00	17706.67	15956.67	1703.20	N/A	887.41	-285.76	N/A	N/A

#### SURVEY PROGRAM - Offset Wellbore: BOST FARM 26C-8-L PWB Offset Wellpath: BOST FARM 26C-8-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 26C-8-L PWB
1750.00	17706.67	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 26C-8-L PWB

#### OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 26C-8-L PWB Offset Wellpath: BOST FARM 26C-8-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 93 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SAMUEL J 7-23 AWB Offset Wellpath: EX. SAMUEL J 7-23 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#61 EX. SAMUEL J 7-23 (1879'FSL & 1397'FEL, SI/NB-CD/7448'TD) Well: EX. SAMUEL J 7-23 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	62.00	-803.90	2609.29	107.12	2730.94	1.27	8903.29	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SAMUEL J 7-23 AWB Offset Wellpath: EX. SAMUEL J 7-23 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SAMUEL J 7-23 AWB Offset Wellpath: EX. SAMUEL J 7-23 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7300.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC (ADJ GRID = TRUE -0.44DEG) <100-7300>
			Wellbore
			EX. SAMUEL J 7-23 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SAMUEL J 7-23 AWB Offset Wellpath: EX. SAMUEL J 7-23 AWP	
MD Reference: Rig on SLOT#61 EX. SAMUEL J 7-23 (1879'FSL & 1397'FEL, SI/NB-CD/7448'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 94 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: BOST FARM 26N-8B-L PWB Offset Wellpath: BOST FARM 26N-8B-L (REV-A.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#37 BOST FARM 26N-8B-L (1297'FNL & 942'FWL, SEC.07) Well: BOST FARM 26N-8B-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	13.00	4.00	1395.00	-339.40	-13.67	1435.69	1.59	2283.09	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 26N-8B-L PWB Offset Wellpath: BOST FARM 26N-8B-L (REV-A.0) PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 26N-8B-L PWB Offset Wellpath: BOST FARM 26N-8B-L (REV-A.0) PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	4.00	1750.00	1746.00	-5.00	1698.11	850.39	-206.89	909.23	-285.39
9.625in Casing Surface	4.00	1750.00	1746.00	-5.00	1698.11	850.39	-206.89	909.23	-285.39
8.5in Open Hole	1750.00	17575.68	15825.68	1698.11	7189.00	909.23	-285.39	1209.38	2585.15

## SURVEY PROGRAM - Offset Wellbore: BOST FARM 26N-8B-L PWB Offset Wellpath: BOST FARM 26N-8B-L (REV-A.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Standard)		BOST FARM 26N-8B-L PWB
1750.00	17575.68	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 26N-8B-L PWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 26N-8B-L PWB Offset Wellpath: BOST FARM 26N-8B-L (REV-A.0) PWP

MD Reference: PROPETRO 12 (4') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 95 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SAMUEL J 7-16 AWB Offset Wellpath: EX. SAMUEL J 7-16 AWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#60 EX. SAMUEL J 7-16 (1879'FSL & 1372'FEL, SI/NB-CD/7924'TD) Well: EX. SAMUEL J 7-16 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	62.00	-796.61	2637.14	106.81	2755.44	1.27	8986.60	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SAMUEL J 7-16 AWB Offset Wellpath: EX. SAMUEL J 7-16 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SAMUEL J 7-16 AWB Offset Wellpath: EX. SAMUEL J 7-16 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7500.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7500>	EX. SAMUEL J 7-16 AWB
7500.00	7924.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7924>	EX. SAMUEL J 7-16 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SAMUEL J 7-16 AWB Offset Wellpath: EX. SAMUEL J 7-16 AWP	
MD Reference: Rig on SLOT#60 EX. SAMUEL J 7-16 (1879'FSL & 1372'FEL, SI/NB-CD/7924'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 96 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. WIEDEMAN 8-12H6 AWB Offset Wellpath: EX. WIEDEMAN 8-12H6 AWP												
Facility: SEC.08-T05N-R66W		Slot: SLOT#10 EX. WIEDEMAN 8-12H6 (1993'FSL & 667'FWL, SI/NB-CD/7418'TD)			Well: EX. WIEDEMAN 8-12H6			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	54.00	-891.06	4502.92	101.19	4590.51	25.56	186.56	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. WIEDEMAN 8-12H6 AWB Offset Wellpath: EX. WIEDEMAN 8-12H6 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. WIEDEMAN 8-12H6 AWB Offset Wellpath: EX. WIEDEMAN 8-12H6 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7200.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7200>	EX. WIEDEMAN 8-12H6 AWB
7200.00	7418.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7418>	EX. WIEDEMAN 8-12H6 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. WIEDEMAN 8-12H6 AWB Offset Wellpath: EX. WIEDEMAN 8-12H6 AWP	
MD Reference: Rig on SLOT#10 EX. WIEDEMAN 8-12H6 (1993'FSL & 667'FWL, SI/NB-CD/7418'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 97 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. DRAKE 8-13H6 AWB Offset Wellpath: EX. DRAKE 8-13H6 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#06 EX. DRAKE 8-13H6 (844'FSL & 850'FWL, PR/NB-CD/7500'TD) Well: EX. DRAKE 8-13H6 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	0.00	4.00	-1849.13	4879.05	110.76	5217.70	50.17	106.02	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DRAKE 8-13H6 AWB Offset Wellpath: EX. DRAKE 8-13H6 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. DRAKE 8-13H6 AWB Offset Wellpath: EX. DRAKE 8-13H6 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7300.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7300>	EX. DRAKE 8-13H6 AWB
7300.00	7500.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7500>	EX. DRAKE 8-13H6 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. DRAKE 8-13H6 AWB Offset Wellpath: EX. DRAKE 8-13H6 AWP	
MD Reference: Rig on SLOT#06 EX. DRAKE 8-13H6 (844'FSL & 850'FWL, PR/NB-CD/7500'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 98 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SAMUEL J 7-9 AWB    Offset Wellpath: EX. SAMUEL J 7-9 AWP												
Facility: SEC.07-T05N-R66W		Slot: SLOT#62 EX. SAMUEL J 7-9 (1881'FSL & 1447'FEL, SI-CODL-8133'TD)		Well: EX. SAMUEL J 7-9		Threshold Value=1.00    † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	62.00	-800.26	2561.95	107.35	2684.65	1.27	8745.85	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SAMUEL J 7-9 AWB Offset Wellpath: EX. SAMUEL J 7-9 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. SAMUEL J 7-9 AWB Offset Wellpath: EX. SAMUEL J 7-9 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7300.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC (ADJ GRID =TRUE -0.44) <100-7300>	EX. SAMUEL J 7-9 AWB
7300.00	8133.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD <8133>	EX. SAMUEL J 7-9 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SAMUEL J 7-9 AWB Offset Wellpath: EX. SAMUEL J 7-9 AWP	
MD Reference: Rig on SLOT#62 EX. SAMUEL J 7-9 (1881'FSL & 1447'FEL, SI-CODL-8133'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 99 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. WIEDEMAN 8-11H6 AWB Offset Wellpath: EX. WIEDEMAN 8-11H6 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#09 EX. WIEDEMAN 8-11H6 (2000'FSL & 2002'FWL, SI/NB-CD/7490'TD) Well: EX. WIEDEMAN 8-11H6 Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	61.00	-865.30	5769.97	98.53	5834.77	25.56	237.14	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. WIEDEMAN 8-11H6 AWB Offset Wellpath: EX. WIEDEMAN 8-11H6 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. WIEDEMAN 8-11H6 AWB Offset Wellpath: EX. WIEDEMAN 8-11H6 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7250.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7250>	EX. WIEDEMAN 8-11H6 AWB
7250.00	7490.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7490>	EX. WIEDEMAN 8-11H6 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. WIEDEMAN 8-11H6 AWB Offset Wellpath: EX. WIEDEMAN 8-11H6 AWP	
MD Reference: Rig on SLOT#09 EX. WIEDEMAN 8-11H6 (2000'FSL & 2002'FWL, SI/NB-CD/7490'TD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 100 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX WHITE #8-1 AWB    Offset Wellpath: EX WHITE #8-1 AWP												
Facility: SEC.08-T05N-R66W    Slot: SLOT#23 EX WHITE #8-1 (990'FNL & 990'FWL,SEC.08,PR,7884)    Well: EX WHITE #8-1    Threshold Value=1.00    † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	-4.00	34.00	1659.23	5009.23	71.67	5276.96	25.57	214.46	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX WHITE #8-1 AWB Offset Wellpath: EX WHITE #8-1 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft

WELLPATH COMPOSITION - Offset Wellbore: EX WHITE #8-1 AWB Offset Wellpath: EX WHITE #8-1 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	7302.26	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <50-7302.26>
7302.26	7884.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7884>

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX WHITE #8-1 AWB Offset Wellpath: EX WHITE #8-1 AWP	
MD Reference: Rig on SLOT#23 EX WHITE #8-1 (990'FNL & 990'FWL,SEC.08,PR,7884) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 101 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-HILAND KNOLLS 4-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 4-9-11 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#22 TC-HILAND KNOLLS 4-9-11 (2536'FSL&1188'FEL,SEC.8) Well: TC-HILAND KNOLLS 4-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	79.00	-121.44	8111.69	90.86	8112.94	25.56	329.74	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-HILAND KNOLLS 4-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 4-9-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: TC-HILAND KNOLLS 4-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 4-9-11 AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1620.00	1595.00	104.00	1669.68	-73.22	4944.90	-144.95	4976.10
9.625in Casing Surface	25.00	1620.00	1595.00	104.00	1669.68	-73.22	4944.90	-144.95	4976.10
8.5in Open Hole	1620.00	20489.00	18869.00	1669.68	7223.92	-144.95	4976.10	-651.77	9299.35

WELLPATH COMPOSITION - Offset Wellbore: TC-HILAND KNOLLS 4-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 4-9-11 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1558.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5"(STD ROTATING, AXIAL, ROCKIES GT)<121-1558>	TC-HILAND KNOLLS 4-9-11 AWB
1558.00	6109.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK 8.75" (STD ROTATING, ROCKIES GT)<1669-6109>	TC-HILAND KNOLLS 4-9-11 AWB
6109.00	20403.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI ATC 8.75" (SHORT, ROCKIES GT)<6225-20403>	TC-HILAND KNOLLS 4-9-11 AWB
20403.00	20489.00	Blind Drilling (std)	Projection to bit	TC-HILAND KNOLLS 4-9-11 AWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 102 of 135

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HUGHES**  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-HILAND KNOLLS 4-9-11 AWB    Offset Wellpath: TC-HILAND KNOLLS 4-9-11 AWP	
MD Reference: <b>PATTERSON 341 (25'KB) (RKB)</b>	<i>Offset TVD &amp; local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)</i>
Ellipse Start MD	<b>25.00ft</b>





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 103 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-HILAND KNOLLS C7-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C7-9-11 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#18 TC-HILAND KNOLLS C7-9-11 (2600'FSL & 1189'FEL SEC.8) Drilled Well: TC-HILAND KNOLLS C7-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	80.00	-59.51	8111.67	90.42	8112.24	25.56	329.71	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-HILAND KNOLLS C7-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C7-9-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: TC-HILAND KNOLLS C7-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C7-9-11 AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1587.00	1562.00	105.00	1638.17	-35.46	4944.88	-88.90	4983.05
9.625in Casing Surface	25.00	1570.00	1545.00	105.00	1621.94	-35.46	4944.88	-87.69	4982.09
8.5in Open Hole	1587.00	20525.00	18938.00	1638.17	7340.32	-88.90	4983.05	-580.78	9290.22

WELLPATH COMPOSITION - Offset Wellbore: TC-HILAND KNOLLS C7-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C7-9-11 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, ROCKIES GT 13 1/2<300-1529>	TC-HILAND KNOLLS C7-9-11 AWB
1529.00	20501.00	BHI AutoTrak Curve (Short)	BHI ATC MWD SHORT <1591-20501>	TC-HILAND KNOLLS C7-9-11 AWB
20501.00	20525.00	Blind Drilling (std)	Projection to bit	TC-HILAND KNOLLS C7-9-11 AWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 104 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-HILAND KNOLLS C7-9-11 AWB    Offset Wellpath: TC-HILAND KNOLLS C7-9-11 AWP	
MD Reference: PATTERSON 341 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 105 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-HILAND KNOLLS 3-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 3-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#21 TC-HILAND KNOLLS 3-9-11 (2552'FSL&1188'FEL,SEC.8) Well: TC-HILAND KNOLLS 3-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	80.00	-106.87	8111.68	90.76	8112.74	25.56	329.73	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-HILAND KNOLLS 3-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 3-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-HILAND KNOLLS 3-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 3-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1608.00	1583.00	105.00	1662.22	-64.33	4944.89	-122.86	4995.20
9.625in Casing Surface	25.00	1608.00	1583.00	105.00	1662.22	-64.33	4944.89	-122.86	4995.20
8.5in Open Hole	1608.00	20260.00	18652.00	1662.22	7173.38	-122.86	4995.20	-553.23	9287.24

## WELLPATH COMPOSITION - Offset Wellbore: TC-HILAND KNOLLS 3-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 3-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1573.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<304-1573>	TC-HILAND KNOLLS 3-9-11 AWB
1573.00	7053.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK 8.75" (STD ROTATING, ROCKIES GT)<1762-7053>	TC-HILAND KNOLLS 3-9-11 AWB
7053.00	20216.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI ATC 8.75"(SHORT, ROCKIES GT)<7170-20216>	TC-HILAND KNOLLS 3-9-11 AWB
20216.00	20260.00	Blind Drilling (std)	Projection to bit	TC-HILAND KNOLLS 3-9-11 AWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 106 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-HILAND KNOLLS 3-9-11 AWB    Offset Wellpath: TC-HILAND KNOLLS 3-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 107 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-HILAND KNOLLS C6-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C6-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#15 TC-HILAND KNOLLS C6-9-11 (2648'FSL & 1190'FEL SEC.8) Drilled Well: TC-HILAND KNOLLS C6-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	81.00	-8.51	8108.87	90.06	8109.24	25.56	329.59	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-HILAND KNOLLS C6-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C6-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-HILAND KNOLLS C6-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C6-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1585.00	1560.00	106.00	1651.65	-4.37	4943.17	-31.12	4974.76
9.625in Casing Surface	25.00	1585.00	1560.00	106.00	1651.65	-4.37	4943.17	-31.12	4974.76
8.5in Open Hole	1585.00	20455.00	18870.00	1651.65	7334.27	-31.12	4974.76	-368.50	9289.27

## WELLPATH COMPOSITION - Offset Wellbore: TC-HILAND KNOLLS C6-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS C6-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, AXIAL, ROCKIES GT 13 1/2<109-1529>	TC-HILAND KNOLLS C6-9-11 AWB
1529.00	19372.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD STD ROTATING, ROCKIED GT MONO 8 1/2" <1607-19372>	TC-HILAND KNOLLS C6-9-11 AWB
19372.00	20455.00	Blind Drilling (std)	Projection to bit	TC-HILAND KNOLLS C6-9-11 AWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 108 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-HILAND KNOLLS C6-9-11 AWB    Offset Wellpath: TC-HILAND KNOLLS C6-9-11 AWP	
MD Reference: PATTERSON 341 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 109 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-HILAND KNOLLS 1-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 1-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#19 TC-HILAND KNOLLS 1-9-11 (2584'FSL&1189'FEL,SEC.8) Well: TC-HILAND KNOLLS 1-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	80.00	-74.08	8111.67	90.52	8112.37	25.56	329.72	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-HILAND KNOLLS 1-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 1-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-HILAND KNOLLS 1-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 1-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1632.00	1607.00	105.00	1701.99	-44.35	4944.88	-72.71	4983.27
9.625in Casing Surface	25.00	1601.00	1576.00	105.00	1671.53	-44.35	4944.88	-71.69	4981.84
8.5in Open Hole	1632.00	20200.00	18568.00	1701.99	7148.62	-72.71	4983.27	-360.42	9294.30

## WELLPATH COMPOSITION - Offset Wellbore: TC-HILAND KNOLLS 1-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 1-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1570.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK (STD ROTATING, AXIAL, ROCKIES GT)<121-1570>	TC-HILAND KNOLLS 1-9-11 AWB
1570.00	19851.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (SHORT, ROCKIES GT)<1785-19851>	TC-HILAND KNOLLS 1-9-11 AWB
19851.00	20200.00	Blind Drilling (std)	Projection to bit	TC-HILAND KNOLLS 1-9-11 AWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 110 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-HILAND KNOLLS 1-9-11 AWB    Offset Wellpath: TC-HILAND KNOLLS 1-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 111 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-HILAND KNOLLS 2-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 2-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#20 TC-HILAND KNOLLS 2-9-11 (2568'FSL&1189'FEL,SEC.8) Well: TC-HILAND KNOLLS 2-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	80.00	-88.65	8111.68	90.63	8112.52	25.56	329.73	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-HILAND KNOLLS 2-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 2-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-HILAND KNOLLS 2-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 2-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1601.00	1576.00	105.00	1680.58	-53.23	4944.89	-53.95	4936.83
9.625in Casing Surface	25.00	1601.00	1576.00	105.00	1680.58	-53.23	4944.89	-53.95	4936.83
8.5in Open Hole	1601.00	20365.00	18764.00	1680.58	7228.31	-53.95	4936.83	-443.52	9293.59

## WELLPATH COMPOSITION - Offset Wellbore: TC-HILAND KNOLLS 2-9-11 AWB Offset Wellpath: TC-HILAND KNOLLS 2-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1532.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<212-1532>	TC-HILAND KNOLLS 2-9-11 AWB
1532.00	6584.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK 8.75" (STD ROTATING, ROCKIES GT)<1672-6584>	TC-HILAND KNOLLS 2-9-11 AWB
6584.00	19932.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (SHORT, ROCKIES GT)<6708-19932>	TC-HILAND KNOLLS 2-9-11 AWB
19932.00	20365.00	Blind Drilling (std)	Projection to bit	TC-HILAND KNOLLS 2-9-11 AWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 112 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-HILAND KNOLLS 2-9-11 AWB    Offset Wellpath: TC-HILAND KNOLLS 2-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 113 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-AIMS 4-9-11 AWB Offset Wellpath: TC-AIMS 4-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#17 TC-AIMS 4-9-11 (2616'FSL&1190'FEL,SEC.8) Well: TC-AIMS 4-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	0.00	60.00	-41.29	8111.66	90.29	8111.96	25.56	329.70	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-AIMS 4-9-11 AWB Offset Wellpath: TC-AIMS 4-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-AIMS 4-9-11 AWB Offset Wellpath: TC-AIMS 4-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1618.00	1593.00	106.00	1687.02	-24.36	4944.88	-47.60	4988.68
9.625in Casing Surface	25.00	1608.00	1583.00	106.00	1677.13	-24.36	4944.88	-47.36	4988.30
8.5in Open Hole	1608.00	20195.00	18587.00	1677.13	7230.09	-47.36	4988.30	-236.07	9286.07

## WELLPATH COMPOSITION - Offset Wellbore: TC-AIMS 4-9-11 AWB Offset Wellpath: TC-AIMS 4-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	645.00	Gyrodata standard - Drop gyro or Multi-shot	GYRODATA SURFACE SURVEYS <52-645>	TC-AIMS 4-9-11 AWB
645.00	1562.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.2" (STD ROTATING, AXIAL, ROCKIES GT <772-1562>	TC-AIMS 4-9-11 AWB
1562.00	20105.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (SHORT, ROCKIES GT)<1608-20105>	TC-AIMS 4-9-11 AWB
20105.00	20195.00	Blind Drilling (std)	Projection to bit	TC-AIMS 4-9-11 AWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 114 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-AIMS 4-9-11 AWB    Offset Wellpath: TC-AIMS 4-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 115 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-AIMS C5-9-11 AWB Offset Wellpath: TC-AIMS C5-9-11 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#12 TC-AIMS C5-9-11 (2606'FNL & 1192'FEL SEC.8) Drilled Well: TC-AIMS C5-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	82.00	38.86	8108.85	89.73	8109.32	25.56	329.60	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-AIMS C5-9-11 AWB Offset Wellpath: TC-AIMS C5-9-11 AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: TC-AIMS C5-9-11 AWB Offset Wellpath: TC-AIMS C5-9-11 AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1585.00	1560.00	107.00	1664.64	24.50	4943.15	19.85	4955.27
9.625in Casing Surface	25.00	1565.00	1540.00	107.00	1644.81	24.50	4943.15	20.04	4954.50
8.5in Open Hole	1565.00	20275.00	18710.00	1644.81	7359.85	20.04	4954.50	-155.90	9286.08

WELLPATH COMPOSITION - Offset Wellbore: TC-AIMS C5-9-11 AWB Offset Wellpath: TC-AIMS C5-9-11 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK MWD STD ROTATING, AXIAL, ROCKIES GT 13 1/2"<391-1529>	TC-AIMS C5-9-11 AWB
1529.00	11965.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, ROCKIES GT <1670-11965	TC-AIMS C5-9-11 AWB
11965.00	15866.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI ATC MWD, SHORT, ROCKIES GT <12094-15866>	TC-AIMS C5-9-11 AWB
15866.00	18363.00	ISCWSA MWD, Rev. 4 (Standard)	PHOENIX MWD 8 1/2" <15994-18363>	TC-AIMS C5-9-11 AWB
18363.00	20246.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI ATC MWD, SHORT, ROCKIES GT <18536-20246>	TC-AIMS C5-9-11 AWB
20246.00	20275.00	Blind Drilling (std)	Projection to bit	TC-AIMS C5-9-11 AWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 116 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-AIMS C5-9-11 AWB    Offset Wellpath: TC-AIMS C5-9-11 AWP	
MD Reference: PATTERSON 341 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 117 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-AIMS 3-9-11 AWB Offset Wellpath: TC-AIMS 3-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#16 TC-AIMS 3-9-11 (2632'FSL&1190'FEL,SEC.8 Well: TC-AIMS 3-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	0.00	60.00	-26.72	8108.87	90.19	8109.11	25.56	329.58	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-AIMS 3-9-11 AWB Offset Wellpath: TC-AIMS 3-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-AIMS 3-9-11 AWB Offset Wellpath: TC-AIMS 3-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1628.00	1603.00	106.00	1700.78	-15.47	4943.15	-26.07	4978.69
9.625in Casing Surface	25.00	1608.00	1583.00	106.00	1680.91	-15.47	4943.15	-26.01	4977.99
8.5in Open Hole	1608.00	9524.00	7916.00	1680.91	N/A	-26.01	4977.99	N/A	N/A

## WELLPATH COMPOSITION - Offset Wellbore: TC-AIMS 3-9-11 AWB Offset Wellpath: TC-AIMS 3-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	1405.00	Gyrodata standard - Drop gyro or Multi-shot	GYRODATA SURFACE SURVEYS <55-1405>	TC-AIMS 3-9-11 AWB
1405.00	1564.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<1437-1564>	TC-AIMS 3-9-11 AWB
1564.00	9421.00	ISCWSA MWD, Rev. 4 (Standard)	NEWSCO MWD 8.5" <1759-9421> BHI DD'S REPLACED ON 4/4/17	TC-AIMS 3-9-11 AWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 118 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-AIMS 3-9-11 AWB    Offset Wellpath: TC-AIMS 3-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 119 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

Facility: SEC.08-T05N-R66W Slot: SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled Well: TC-COUNTRY CLUB WEST C1-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	85.00	199.15	8103.23	88.59	8106.08	25.56	329.47	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1583.00	1558.00	110.00	1650.40	122.21	4939.71	156.81	4977.18
9.625in Casing Surface	25.00	1583.00	1558.00	110.00	1650.40	122.21	4939.71	156.81	4977.18
8.5in Open Hole	1583.00	20590.00	19007.00	1650.40	7332.23	156.81	4977.18	690.80	9273.29

## WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, ROCKIES GT 13 1/2<300-1529>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
1529.00	7143.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING 8.75" HOLE <1662'-7143'>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
7143.00	20498.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI AUTOTRAK CURVE SURVEYS 8.5" HOLE <7263'-20498'>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
20498.00	20590.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 120 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB    Offset Wellpath: TC-COUNTRY CLUB WEST C1-9-11 OWB AWB	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 121 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#02 TC-COUNTRY CLUB WEST C1-9-11 (2446'FNL & 1195'FEL SEC.8) Drilled Well: TC-COUNTRY CLUB WEST C1-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	85.00	199.15	8103.23	88.59	8106.08	25.56	329.47	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, ROCKIES GT 13 1/2<300-1529>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
1529.00	6764.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD; STD ROTATING 8.75" HOLE <1662'-7143'>	TC-COUNTRY CLUB WEST C1-9-11 OWB AWB
6764.00	19173.00	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)	BHI AUTOTRAK CURVE SHORT ROCKIES 8.5" <6885-19173>	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWB
19173.00	19576.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWB Offset Wellpath: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 122 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST C3-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST C3-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#06 TC-COUNTRY CLUB WEST C3-9-11 (2510'FNL & 1194'FEL SEC.8) Drilled Well: TC-COUNTRY CLUB WEST C3-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	84.00	133.58	8106.03	89.06	8107.53	25.56	329.52	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST C3-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST C3-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-COUNTRY CLUB WEST C3-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST C3-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1618.00	1593.00	109.00	1694.76	82.24	4941.42	97.85	4963.85
9.625in Casing Surface	25.00	1585.00	1560.00	109.00	1662.35	82.24	4941.42	96.73	4962.34
8.5in Open Hole	1618.00	20365.00	18747.00	1694.76	7326.04	97.85	4963.85	281.18	9278.64

## WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST C3-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST C3-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, ROCKIES GT 13 1/2<108-1529>	TC-COUNTRY CLUB WEST C3-9-11 AWB
1529.00	7267.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI/NAVITRAK MWD; STD ROTATING; ROCKIES 8 1/2" Hole <1670'-7267'>	TC-COUNTRY CLUB WEST C3-9-11 AWB
7267.00	20029.00	BHI AutoTrak Curve (Standard)	BHI/ATC (Short, Rockies) <7361'-20029'>	TC-COUNTRY CLUB WEST C3-9-11 AWB
20029.00	20368.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST C3-9-11 AWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 123 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST C3-9-11 AWB    Offset Wellpath: TC-COUNTRY CLUB WEST C3-9-11 AWP	
MD Reference: PATTERSON 341 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 124 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-AIMS C4-9-11 AWB Offset Wellpath: TC-AIMS C4-9-11 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#09 TC-AIMS C4-9-11 (2558'FNL & 1193'FEL SEC.8) Drilled Well: TC-AIMS C4-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	83.00	86.22	8106.05	89.39	8106.89	25.56	329.50	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-AIMS C4-9-11 AWB Offset Wellpath: TC-AIMS C4-9-11 AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: TC-AIMS C4-9-11 AWB Offset Wellpath: TC-AIMS C4-9-11 AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1619.00	1594.00	108.00	1701.83	53.37	4941.44	56.08	4940.24
9.625in Casing Surface	25.00	1585.00	1560.00	108.00	1667.83	53.37	4941.44	56.08	4940.13
8.5in Open Hole	1619.00	20312.00	18693.00	1701.83	7411.24	56.08	4940.24	60.64	9281.83

WELLPATH COMPOSITION - Offset Wellbore: TC-AIMS C4-9-11 AWB Offset Wellpath: TC-AIMS C4-9-11 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1529.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK MWD, STD ROTATING, ROCKIES GT 13 1/2"<209-1529>	TC-AIMS C4-9-11 AWB
1529.00	20288.00	ISCVSA MWD, Rev. 4 (Standard)	PHOENIX MWD SURVEYS <1680-20288>	TC-AIMS C4-9-11 AWB
20288.00	20312.00	Blind Drilling (std)	Projection to bit	TC-AIMS C4-9-11 AWB



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 125 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-AIMS C4-9-11 AWB    Offset Wellpath: TC-AIMS C4-9-11 AWP	
MD Reference: PATTERSON 341 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 126 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#03 TC-MOISER HILL 3-9-11 (2462'FNL&1195'FEL,SEC.8) Well: TC-MOISER HILL 3-9-11 Threshold Value=1.00 † = interpolated/extrapolated station

Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	85.00	180.94	8103.23	88.72	8105.66	25.56	329.45	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1605.00	1580.00	110.00	1652.80	111.11	4939.71	184.92	4977.55

## WELLPATH COMPOSITION - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1541.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, AXIAL, ROCKIES GT 13.5"<120-1541>	TC-MOISER HILL 3-9-11 AWB
1541.00	1605.00	Blind Drilling (std)	Projection to bit	TC-MOISER HILL 3-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-MOISER HILL 3-9-11 AWB Offset Wellpath: TC-MOISER HILL 3-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 127 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST A2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST A2-9-11 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#07 TC-COUNTRY CLUB WEST A2-9-11 (2526'FNL&1193'FEL,SEC.8) Well: TC-COUNTRY CLUB WEST A2-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	84.00	119.00	8106.04	89.16	8107.31	25.56	329.52	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST A2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST A2-9-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: TC-COUNTRY CLUB WEST A2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST A2-9-11 AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1605.00	1580.00	109.00	1688.70	73.36	4941.43	74.91	4944.09

WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST A2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST A2-9-11 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Wellbore
25.00	1541.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, AXIAL, ROCKIES GT 13.5" <498-1541>
1541.00	1605.00	Blind Drilling (std)	Projection to bit

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST A2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST A2-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 128 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-AIMS 1-9-11 AWB Offset Wellpath: TC-AIMS 1-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#13 TC-AIMS 1-9-11 (2622'FNL&1191'FEL,SEC.8) Well: TC-AIMS 1-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	82.00	20.64	8108.86	89.85	8109.26	25.56	329.59	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-AIMS 1-9-11 AWB Offset Wellpath: TC-AIMS 1-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-AIMS 1-9-11 AWB Offset Wellpath: TC-AIMS 1-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1597.00	1572.00	107.00	1678.55	13.39	4943.16	14.97	4939.91

## WELLPATH COMPOSITION - Offset Wellbore: TC-AIMS 1-9-11 AWB Offset Wellpath: TC-AIMS 1-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1532.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, AXIAL, ROCKIES GT, 13.5" <212-1532>	TC-AIMS 1-9-11 AWB
1532.00	1597.00	Blind Drilling (std)	Projection to bit	TC-AIMS 1-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-AIMS 1-9-11 AWB Offset Wellpath: TC-AIMS 1-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



SRC ENERGY

# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 129 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST 1-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 1-9-11 AWP												
Facility: SEC.08-T05N-R66W		Slot: SLOT#04 TC-COUNTRY CLUB WEST 1-9-11 (2478'FNL&1194'FEL,SEC.8)			Well: TC-COUNTRY CLUB WEST 1-9-11			Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	84.00	166.36	8103.24	88.82	8105.34	25.56	329.44	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST 1-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 1-9-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST 1-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 1-9-11 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1532.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI/13 1/2" NaviTrak MWD Surface Surveys <121'-1532'>	TC-COUNTRY CLUB WEST 1-9-11 AWB
1532.00	1597.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST 1-9-11 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST 1-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 1-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 130 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-Country Club West 3-9-11 AWB Offset Wellpath: TC-Country Club West 3-9-11 AWP												
Facility: SEC.08-T05N-R66W		Slot: SLOT#08 TC-COUNTRY CLUB WEST 3-9-11 (2542'FNL&1193'FEL,SEC.8)			Well: TC-COUNTRY CLUB WEST 3-9-11			Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	83.00	100.79	8106.04	89.29	8107.06	25.56	329.50	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-Country Club West 3-9-11 AWB Offset Wellpath: TC-Country Club West 3-9-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: TC-Country Club West 3-9-11 AWB Offset Wellpath: TC-Country Club West 3-9-11 AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1605.00	1580.00	108.00	1665.76	62.25	4941.43	110.02	4982.89

WELLPATH COMPOSITION - Offset Wellbore: TC-Country Club West 3-9-11 AWB Offset Wellpath: TC-Country Club West 3-9-11 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1541.00	BHI NaviTrak (Standard)	BHI NAVITRAK 13.5" HOLE <343-1541>	TC-Country Club West 3-9-11 AWB
1541.00	1605.00	Blind Drilling (std)	Projection to bit	TC-Country Club West 3-9-11 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-Country Club West 3-9-11 AWB Offset Wellpath: TC-Country Club West 3-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 131 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#01 TC-MOISER HILL 2-9-11 (2430'FNL&1195'FEL,SEC.8) Well: TC-MOISER HILL 2-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	85.00	213.72	8103.22	88.49	8106.45	25.56	329.48	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1446.00	1421.00	110.00	1514.06	131.10	4939.70	181.98	4949.26

## WELLPATH COMPOSITION - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1446.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, AXIAL, ROCKIES GT <497-1446>	TC-MOISER HILL 2-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-MOISER HILL 2-9-11 AWB Offset Wellpath: TC-MOISER HILL 2-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 132 of 135



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST 5-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 5-9-11 AWP												
Facility: SEC.08-T05N-R66W Slot: SLOT#11 TC-COUNTRY CLUB WEST 5-9-11 (2590'FNL&1192'FEL,SEC.8) Well: TC-COUNTRY CLUB WEST 5-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	574.21	633.93	53.26	8072.38	89.62	8097.10	50.21	164.92	PASS

C-C Clearance Distance Cutoff: 200.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST 5-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 5-9-11 AWP			
Slot Surface Uncertainty @1SD		Horizontal	0.100ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: TC-COUNTRY CLUB WEST 5-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 5-9-11 AWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1625.00	1600.00	107.00	1697.34	33.38	4943.10	41.77	4953.07

WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST 5-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 5-9-11 AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
0.00	1417.00	Gyrodata standard - Drop gyro or Multi-shot	GYRODATA SURFACE SURVEYS <66-1417>
1417.00	1561.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<1437-1561>
1561.00	1625.00	Blind Drilling (std)	Projection to bit

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST 5-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 5-9-11 AWP	
MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 133 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST 2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 2-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#05 TC-COUNTRY CLUB WEST 2-9-11 (2494'FNL&1194'FEL,SEC.8) Well: TC-COUNTRY CLUB WEST 2-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	84.00	148.15	8106.03	88.95	8107.78	25.56	329.53	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST 2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 2-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-COUNTRY CLUB WEST 2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 2-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1597.00	1572.00	109.00	1668.22	91.12	4941.42	128.31	4969.23

## WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST 2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 2-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1532.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK, STD ROTATING, AXIAL, ROCKIES GT 13.5" <488-1532>	TC-COUNTRY CLUB WEST 2-9-11 AWB
1532.00	1597.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST 2-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST 2-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 2-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 134 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-COUNTRY CLUB WEST 4-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 4-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#10 TC-COUNTRY CLUB WEST 4-9-11 (2574'FNL&1192'FEL,SEC.8) Well: TC-COUNTRY CLUB WEST 4-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	21.00	83.00	71.64	8106.05	89.49	8106.76	25.56	329.49	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTRY CLUB WEST 4-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 4-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-COUNTRY CLUB WEST 4-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 4-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1597.00	1572.00	108.00	1662.34	44.48	4941.44	78.09	4985.76

## WELLPATH COMPOSITION - Offset Wellbore: TC-COUNTRY CLUB WEST 4-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 4-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1532.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK STD ROTATING, AXIAL, ROCKIES GT <212-1532>	TC-COUNTRY CLUB WEST 4-9-11 AWB
1532.00	1597.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST 4-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTRY CLUB WEST 4-9-11 AWB Offset Wellpath: TC-COUNTRY CLUB WEST 4-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft





# Clearance Report

BOST FARM 34C-11-L (REV-B.0) PWP  
Closest Approach  
Page 135 of 135



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 34C-11-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 34C-11-L PWB
Facility	SEC.07-T05N-R66W		

## CLEARANCE DATA - Offset Wellbore: TC-AIMS 2-9-11 AWB Offset Wellpath: TC-AIMS 2-9-11 AWP

Facility: SEC.08-T05N-R66W Slot: SLOT#14 TC-AIMS 2-9-11 (2638'FNL&1191'FEL,SEC.8) Well: TC-AIMS 2-9-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4.00	4.00	0.00	0.00	0.00	61.00	6.07	8108.86	89.96	8109.06	25.56	329.58	PASS

C-C Clearance Distance Cutoff: 200.00 ft

## POSITIONAL UNCERTAINTY - Offset Wellbore: TC-AIMS 2-9-11 AWB Offset Wellpath: TC-AIMS 2-9-11 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

## HOLE & CASING SECTIONS - Offset Wellbore: TC-AIMS 2-9-11 AWB Offset Wellpath: TC-AIMS 2-9-11 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1596.00	1571.00	107.00	1665.41	4.53	4943.17	3.73	4990.50

## WELLPATH COMPOSITION - Offset Wellbore: TC-AIMS 2-9-11 AWB Offset Wellpath: TC-AIMS 2-9-11 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	1397.00	Gyrodata standard - Drop gyro or Multi-shot	GYRODATA SURFACE SURVEYS <100-1397>	TC-AIMS 2-9-11 AWB
1397.00	1532.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<1437-1532>	TC-AIMS 2-9-11 AWB
1532.00	1596.00	Blind Drilling (std)	Projection to bit	TC-AIMS 2-9-11 AWB

## OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-AIMS 2-9-11 AWB Offset Wellpath: TC-AIMS 2-9-11 AWP

MD Reference: PATTERSON 341 (25'KB) (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft