

SRC ENERGY

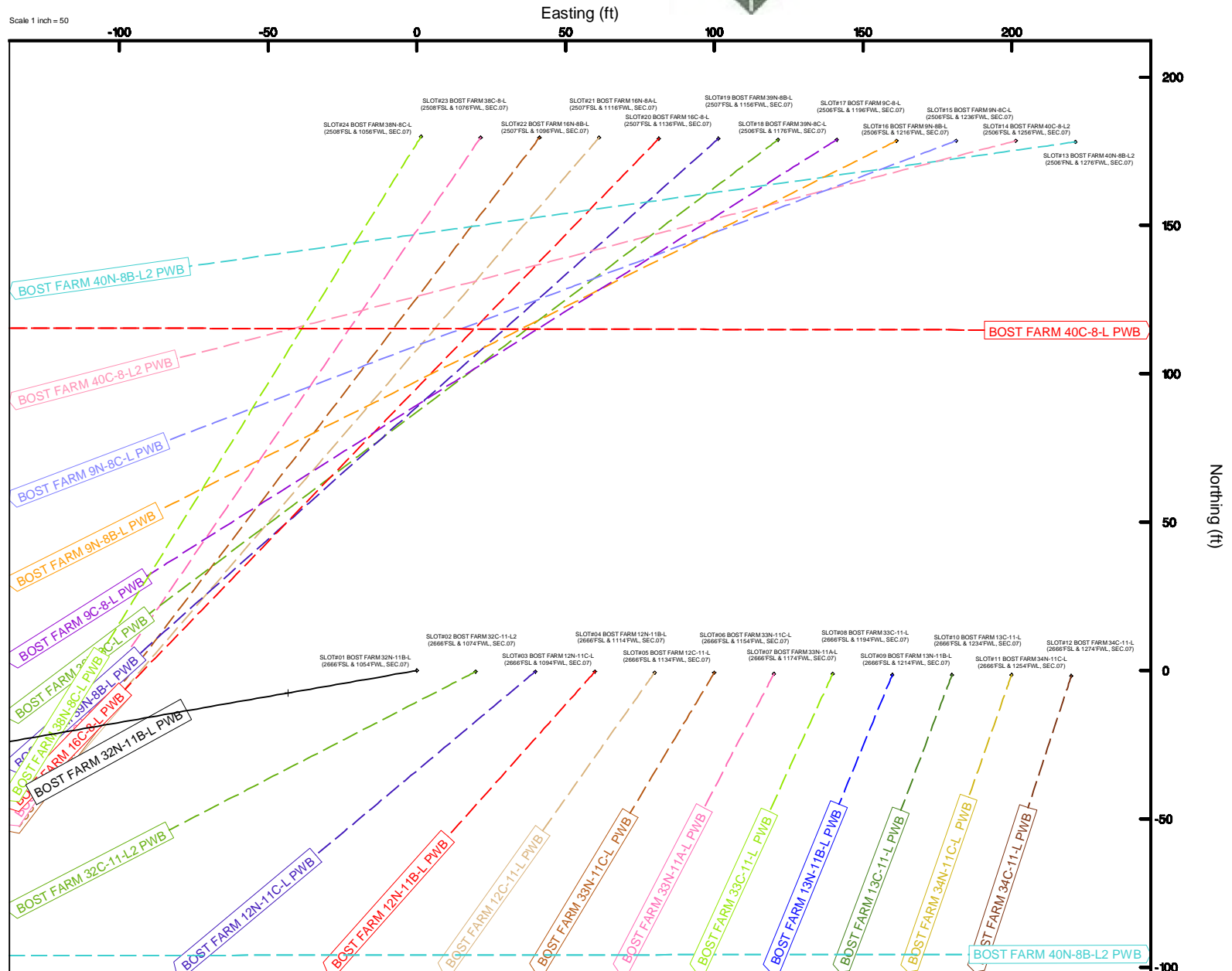
Location: COLORADO
Field: WELD COUNTY (NAD83, TRUE NORTH)
Facility: SEC.07-T05N-R66W

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
HUGHES
a GE company



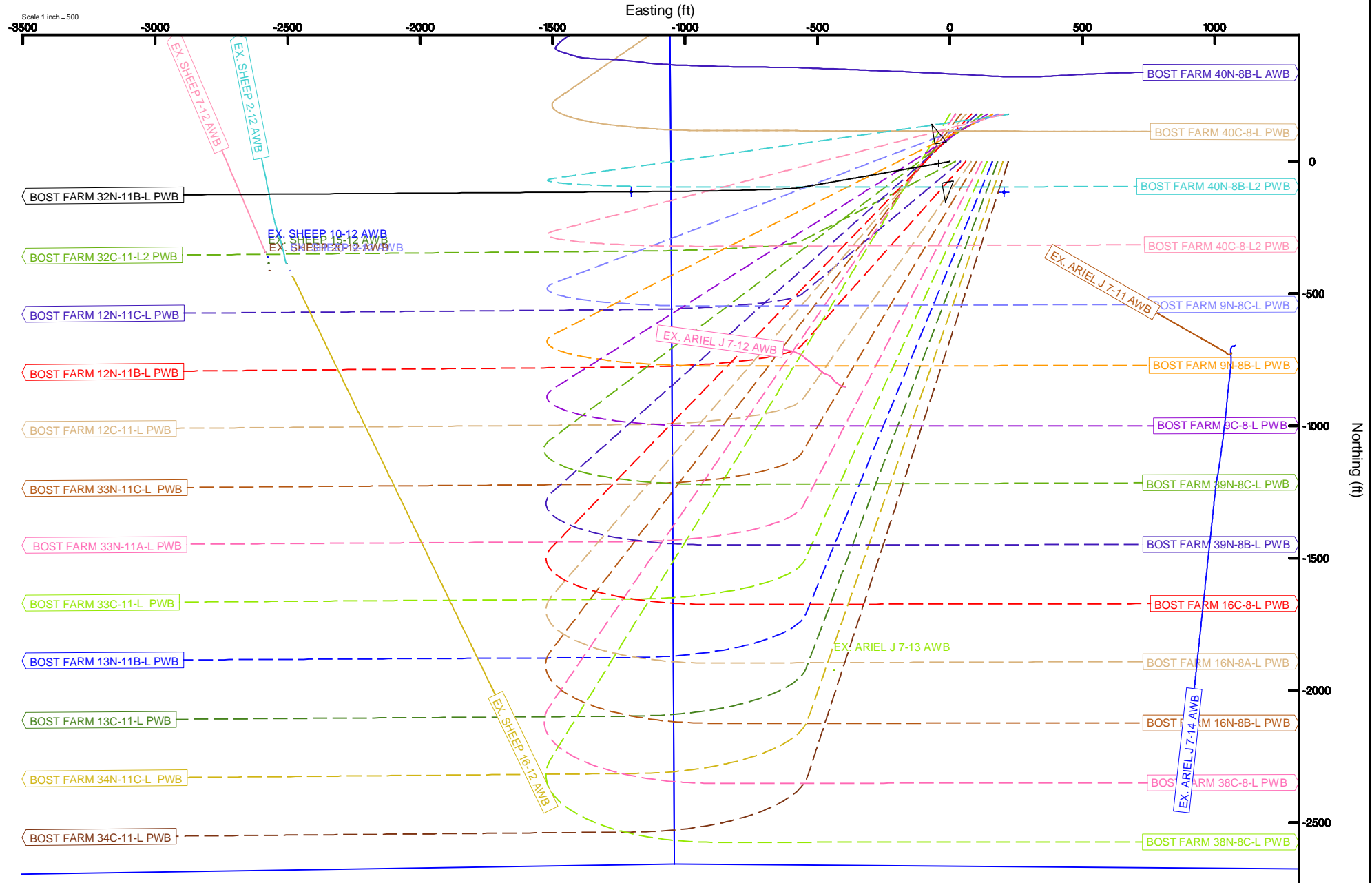
SRC ENERGY

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

**BAKER
HUGHES**
a GE company





Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 1 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	01/03/2019 at 14:27
Convergence at slot	0.43° East	Database/Source file	WA_DEN_Denver_Defn/BOST FARM 13N-11B-L (REV-C.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	114.03	-44.29	3187116.44	1394423.48	40°24'50.933"N	104°49'40.822"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	IKON 12 (4') (RKB) to Facility Vertical Datum	4877.00ft
Horizontal Reference Pt	Slot	IKON 12 (4') (RKB) to Mean Sea Level	4877.00ft
Vertical Reference Pt	IKON 12 (4') (RKB)	IKON 12 (4') (RKB) to Mud Line at Slot (SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07))	4877.00ft
MD Reference Pt	IKON 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	8.200ft	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 13N-11B-L (REV-C.0) PWP

Closest Approach

Page 2 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L PWB Ref Wellpath: BOST FARM 13N-11B-L (REV-C.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	1707.54	0.00	0.00	-296.40	-121.94
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1707.54	0.00	0.00	-296.40	-121.94
8.5in Open Hole	1750.00	18028.85	16278.85	1707.54	6933.00	-296.40	-121.94	-1954.36	-11603.67

SURVEY PROGRAM - Ref Wellbore: BOST FARM 13N-11B-L PWB Ref Wellpath: BOST FARM 13N-11B-L (REV-C.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 13N-11B-L PWB
1750.00	18028.85	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 13N-11B-L PWB



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 3 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CALCULATION RANGE & CUTOFF

From: 4.00ft MD	To: 18028.85ft MD	C-C Cutoff: 300.00 ft
-----------------	-------------------	-----------------------

OFFSET WELL CLEARANCE SUMMARY (91 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.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	17410.09	98.14	17410.09	17412.36	0.24	17412.36	FAIL
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	6976.03	222.53	6976.03	7004.00	0.59	7004.00	FAIL
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	7373.23	59.76	7373.23	7375.67	0.75	7375.67	FAIL
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-C.0) PWP	454.64	18.68	18026.52	18026.52	0.81	18026.52	FAIL
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-C.0) PWP	4.00	20.05	18028.85	18028.85	0.86	18028.85	FAIL
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	466.50	39.35	17704.00	17746.87	1.20	17746.87	PASS
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-C.0) PWP	541.70	36.96	18024.09	18024.09	1.20	18024.09	PASS
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	8300.03	138.59	8300.03	8286.41	1.36	8286.41	PASS
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-C.0) PWP	604.00	55.65	11504.00	18024.03	1.74	18024.03	PASS
SEC.07-T05N-R66W	SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07)	BOST FARM 34C-11-L	BOST FARM 34C-11-L PWB	BOST FARM 34C-11-L (REV-B.0) PWP	429.00	57.94	17704.00	17769.21	1.89	17769.21	PASS
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	11387.48	1076.45	11387.48	11404.00	2.35	11404.00	PASS
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-C.0) PWP	662.82	74.19	10004.00	18022.41	2.37	18022.41	PASS
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	216.46	7855.58	7855.58	2.70	7855.58	PASS
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-C.0) PWP	710.06	92.87	13004.00	18020.85	2.88	18020.85	PASS
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	197.02	7834.56	7834.56	2.99	7834.56	PASS
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	9141.50	1470.98	9141.50	9141.50	3.42	9141.50	PASS
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	9066.24	1470.51	9066.24	9080.36	3.43	9080.36	PASS
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-C.0) PWP	755.95	111.41	12204.00	18024.59	3.46	18024.59	PASS
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	9151.50	1499.41	9151.50	9151.50	3.48	9151.50	PASS
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	9151.44	1522.73	9151.44	9151.44	3.55	9151.44	PASS
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	4.00	227.90	8104.00	8112.88	3.97	8112.88	PASS
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-C.0) PWP	797.50	129.95	11304.00	18028.85	4.07	18028.85	PASS
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-C.0) PWP	833.36	148.37	18004.00	18028.85	4.61	18028.85	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	189.93	7358.70	7358.70	5.18	7358.70	PASS
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	991.50	1929.91	8256.11	8256.11	5.96	8256.11	PASS



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 4 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CALCULATION RANGE & CUTOFF

From: 4.00ft MD	To: 18028.85ft MD	C-C Cutoff: 300.00 ft
-----------------	-------------------	-----------------------

OFFSET WELL CLEARANCE SUMMARY (91 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.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	916.50	1977.31	8256.18	8256.18	6.03	8256.18	PASS
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	4.00	240.88	8104.00	8121.22	6.86	8121.22	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	3831.20	265.85	3831.20	4013.73	7.95	4013.73	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	184.38	7404.00	7555.02	8.44	7555.02	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	16736.50	1961.45	16736.50	16865.05	8.79	16865.05	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	181.30	7404.00	7580.67	11.33	7580.67	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	179.98	7004.00	1704.00	13.58	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	181.24	7004.00	1707.96	14.71	7204.00	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	184.69	7104.00	1704.00	16.02	7404.00	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	104.00	6412.66	250.00	7259.75	17.06	7259.75	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	253.52	189.85	6804.00	1704.00	17.25	7004.00	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	104.00	7769.54	250.00	7304.00	20.69	7304.00	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	9590.25	2570.37	9590.25	10089.29	22.80	10089.29	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	14634.00	4009.79	14634.00	15366.71	23.03	15366.71	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	104.00	8930.75	250.00	7351.66	23.40	7351.66	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-B.0) PWP	4.00	1207.66	6904.00	8255.87	26.27	8255.87	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	1666.50	1101.90	1666.50	7067.24	26.56	7067.24	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 AWB	BOST FARM 40N-8B-L AWP	353.92	1225.53	6704.00	6934.70	29.05	6934.70	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	2279.00	2560.65	9504.00	11080.62	30.98	11080.62	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 AWB	BOST FARM 8C-8-L AWP	290.50	1243.84	7804.00	8256.00	31.11	8256.00	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	6857.07	2478.62	6857.07	7104.00	31.14	7104.00	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	2191.50	1089.35	2191.50	6851.51	33.56	6851.51	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 AWB	BOST FARM 8N-8C-L AWP	4.00	1266.08	6604.00	8256.12	34.96	8256.12	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 AWB	BOST FARM 41N-8A-L AWP	290.50	1282.58	6404.00	8255.90	36.63	8255.90	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 AWB	BOST FARM 41N-8B-L AWP	254.05	1303.97	6504.00	8256.05	39.41	10004.00	PASS



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 5 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CALCULATION RANGE & CUTOFF

From: 4.00ft MD	To: 18028.85ft MD	C-C Cutoff: 300.00 ft
-----------------	-------------------	-----------------------

OFFSET WELL CLEARANCE SUMMARY (91 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#42 BOST FARM 41C-8-L (1397'FNL & 940'FWL, SEC.07)	BOST FARM 41C-8-L	BOST FARM 41C-8-L AWB	BOST FARM 41C-8-L AWP	166.50	1324.01	7904.00	8256.29	43.36	8804.00	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	6704.00	3621.94	6704.00	7187.03	45.45	7187.03	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	5404.00	2686.24	5419.00	7196.61	47.29	7196.61	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 AWB	BOST FARM 41N-8C-L AWB	268.90	1342.06	8104.00	7080.86	47.37	9204.00	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 AWB	BOST FARM 1N-8B-L AWP	254.05	1362.45	254.05	9227.17	47.76	10804.00	PASS
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	3766.50	4631.97	3766.50	7068.28	48.20	7068.28	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 AWB	BOST FARM 1N-8C-L AWP	200.80	1382.00	7904.00	8256.41	49.95	9504.00	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 AWB	BOST FARM 40C-8-L AWP	4.00	1207.66	4.00	1743.37	50.45	13004.00	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	64.00	2285.26	64.00	7182.14	51.92	7182.14	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 AWB	BOST FARM 26C-8-L AWP	166.50	1402.46	8104.00	9804.00	52.74	9804.00	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 AWB	BOST FARM 26N-8B-L AWP	250.00	1419.49	8004.00	10041.03	54.87	10041.03	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	68.38	2787.96	68.38	7204.00	62.61	7204.00	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	64.00	4649.33	64.00	7204.00	68.56	7204.00	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	356.03	2812.11	356.03	7277.58	69.61	7277.58	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	391.50	2740.89	391.50	7204.00	74.32	7204.00	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	4.00	5274.12	1104.00	7204.00	75.33	7204.00	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	66.50	5894.04	66.50	7286.71	87.56	7286.71	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	41.50	5333.89	250.00	7204.00	89.50	7204.00	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	290.50	8171.62	290.50	6953.71	101.41	7204.00	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	89.00	8172.54	89.00	7263.73	107.03	7263.73	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	89.00	8172.74	89.00	6443.44	111.25	11704.00	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	91.50	8169.02	91.50	7504.00	117.76	7504.00	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	89.00	8172.16	89.00	7234.25	120.43	7234.25	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	66.50	8171.92	66.50	7304.00	123.77	7304.00	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	459.62	8164.41	459.62	7194.01	123.96	7194.01	PASS



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 6 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CALCULATION RANGE & CUTOFF

From: 4.00ft MD	To: 18028.85ft MD	C-C Cutoff: 300.00 ft
-----------------	-------------------	-----------------------

OFFSET WELL CLEARANCE SUMMARY (91 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#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	354.00	8164.10	354.00	7204.00	127.96	7204.00	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	354.00	8164.10	354.00	7204.00	127.96	7204.00	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	263.50	8168.94	263.50	7204.00	128.13	7204.00	PASS
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	319.67	8165.17	319.67	7304.00	132.46	7304.00	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	280.38	8166.68	280.38	7204.00	138.29	7204.00	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	366.50	8163.12	366.50	7204.00	148.27	7204.00	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	181.50	8165.37	181.50	1804.00	154.25	3704.00	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	341.50	8166.06	341.50	1804.00	154.94	7004.00	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	416.50	8163.34	416.50	1804.00	155.48	7004.00	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	278.01	8164.51	278.01	1804.00	155.63	7004.00	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	104.00	8166.81	104.00	1804.00	156.38	7004.00	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	104.00	8166.16	104.00	1804.00	156.58	2404.00	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	541.50	8130.68	541.50	1804.00	157.10	7104.00	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	104.00	8167.52	104.00	1804.00	157.38	7004.00	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	89.31	8166.51	89.31	1804.00	158.09	7104.00	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	66.50	8169.01	66.50	1804.00	159.19	7104.00	PASS



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 7 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	136.00	4.00	-2046.09	-10983.80	-100.55	11172.75	54.10	210.23	PASS
104.00†	104.00	0.00	0.00	236.00	104.00	-2046.09	-10983.80	-100.55	11172.75	57.00	199.35	PASS
204.00†	204.00	0.00	0.00	336.00	204.00	-2046.09	-10983.80	-100.55	11172.75	59.92	189.51	PASS
250.00	250.00	0.00	0.00	382.00	250.00	-2046.09	-10983.80	-100.55	11172.75	61.26	185.28	PASS
304.00†	304.00	-0.47	-0.19	436.00	304.00	-2046.09	-10983.80	57.09	11172.47	62.84	180.55	PASS
404.00†	403.93	-3.83	-1.57	535.93	403.93	-2046.09	-10983.80	57.14	11170.50	65.78	172.32	PASS
504.00†	503.67	-10.41	-4.28	635.67	503.67	-2046.09	-10983.80	57.24	11166.64	68.74	164.74	PASS
604.00†	603.10	-20.20	-8.31	735.10	603.10	-2046.09	-10983.80	57.38	11160.89	71.71	157.75	PASS
704.00†	702.10	-33.20	-13.66	834.10	702.10	-2046.09	-10983.80	57.57	11153.28	74.68	151.29	PASS
804.00†	800.55	-49.38	-20.32	932.55	800.55	-2046.09	-10983.80	57.80	11143.82	77.66	145.29	PASS
904.00†	898.33	-68.74	-28.28	1030.33	898.33	-2046.09	-10983.80	58.09	11132.53	80.65	139.69	PASS
1004.00†	995.32	-91.23	-37.53	1127.32	995.32	-2046.09	-10983.80	58.42	11119.45	83.65	134.47	PASS
1104.00†	1091.41	-116.85	-48.07	1223.41	1091.41	-2046.09	-10983.80	58.79	11104.60	86.66	129.56	PASS
1124.85	1111.32	-122.58	-50.43	1243.32	1111.32	-2046.09	-10983.80	58.87	11101.28	87.29	128.58	PASS
1204.00†	1186.80	-144.59	-59.48	1318.80	1186.80	-2046.09	-10983.80	58.98	11088.57	89.69	124.96	PASS
1304.00†	1282.18	-172.39	-70.92	1414.18	1282.18	-2046.09	-10983.80	59.10	11072.56	92.75	120.62	PASS
1404.00†	1377.55	-200.19	-82.36	1509.55	1377.55	-2046.09	-10983.80	59.23	11056.61	95.85	116.52	PASS
1504.00†	1472.92	-228.00	-93.80	1604.92	1472.92	-2046.09	-10983.80	59.36	11040.72	98.98	112.63	PASS
1604.00†	1568.30	-255.80	-105.24	1700.30	1568.30	-2046.09	-10983.80	59.49	11024.89	102.15	108.95	PASS
1704.00†	1663.67	-283.61	-116.68	1795.67	1663.67	-2046.09	-10983.80	59.62	11009.11	105.35	105.46	PASS
1804.00†	1759.04	-311.41	-128.12	1891.04	1759.04	-2046.09	-10983.80	59.75	10993.40	108.09	102.37	PASS
1904.00†	1854.42	-339.22	-139.56	1986.42	1854.42	-2046.09	-10983.80	59.88	10977.75	110.87	99.65	PASS
2004.00†	1949.79	-367.02	-151.00	2081.79	1949.79	-2046.09	-10983.80	60.02	10962.16	113.66	97.04	PASS
2104.00†	2045.16	-394.83	-162.43	2177.16	2045.16	-2046.09	-10983.80	60.15	10946.62	116.47	94.56	PASS
2204.00†	2140.54	-422.63	-173.87	2272.54	2140.54	-2046.09	-10983.80	60.28	10931.15	119.29	92.18	PASS
2304.00†	2235.91	-450.43	-185.31	2367.91	2235.91	-2046.09	-10983.80	60.41	10915.74	122.12	89.90	PASS
2404.00†	2331.28	-478.24	-196.75	2463.28	2331.28	-2046.09	-10983.80	60.54	10900.39	124.96	87.72	PASS
2504.00†	2426.66	-506.04	-208.19	2558.66	2426.66	-2046.09	-10983.80	60.68	10885.10	127.82	85.63	PASS
2604.00†	2522.03	-533.85	-219.63	2654.03	2522.03	-2046.09	-10983.80	60.81	10869.87	130.69	83.62	PASS
2704.00†	2617.40	-561.65	-231.07	2749.40	2617.40	-2046.09	-10983.80	60.94	10854.71	133.57	81.69	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 8 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
2804.00†	2712.78	-589.46	-242.51	2844.78	2712.78	-2046.09	-10983.80	61.08	10839.61	136.47	79.84	PASS
2904.00†	2808.15	-617.26	-253.95	2940.15	2808.15	-2046.09	-10983.80	61.21	10824.57	139.38	78.06	PASS
3004.00†	2903.52	-645.07	-265.38	3035.52	2903.52	-2046.09	-10983.80	61.35	10809.59	142.29	76.34	PASS
3104.00†	2998.90	-672.87	-276.82	3130.90	2998.90	-2046.09	-10983.80	61.48	10794.67	145.23	74.69	PASS
3204.00†	3094.27	-700.67	-288.26	3226.27	3094.27	-2046.09	-10983.80	61.62	10779.82	148.17	73.10	PASS
3304.00†	3189.64	-728.48	-299.70	3321.64	3189.64	-2046.09	-10983.80	61.75	10765.03	151.12	71.57	PASS
3404.00†	3285.02	-756.28	-311.14	3417.02	3285.02	-2046.09	-10983.80	61.89	10750.31	154.09	70.09	PASS
3504.00†	3380.39	-784.09	-322.58	3512.39	3380.39	-2046.09	-10983.80	62.03	10735.65	157.06	68.66	PASS
3604.00†	3475.76	-811.89	-334.02	3607.76	3475.76	-2046.09	-10983.80	62.16	10721.05	160.05	67.28	PASS
3704.00†	3571.14	-839.70	-345.46	3703.14	3571.14	-2046.09	-10983.80	62.30	10706.52	163.04	65.95	PASS
3804.00†	3666.51	-867.50	-356.90	3798.51	3666.51	-2046.09	-10983.80	62.44	10692.06	166.05	64.66	PASS
3904.00†	3761.88	-895.31	-368.34	3893.88	3761.88	-2046.09	-10983.80	62.58	10677.65	169.07	63.42	PASS
4004.00†	3857.26	-923.11	-379.77	3989.26	3857.26	-2046.09	-10983.80	62.71	10663.32	172.09	62.21	PASS
4104.00†	3952.63	-950.91	-391.21	4084.63	3952.63	-2046.09	-10983.80	62.85	10649.05	175.13	61.05	PASS
4204.00†	4048.00	-978.72	-402.65	4180.00	4048.00	-2046.09	-10983.80	62.99	10634.84	178.17	59.92	PASS
4304.00†	4143.37	-1006.52	-414.09	4275.37	4143.37	-2046.09	-10983.80	63.13	10620.70	181.23	58.83	PASS
4404.00†	4238.75	-1034.33	-425.53	4370.75	4238.75	-2046.09	-10983.80	63.27	10606.63	184.29	57.77	PASS
4504.00†	4334.12	-1062.13	-436.97	4466.12	4334.12	-2046.09	-10983.80	63.41	10592.63	187.36	56.75	PASS
4604.00†	4429.49	-1089.94	-448.41	4561.49	4429.49	-2046.09	-10983.80	63.55	10578.69	190.44	55.75	PASS
4704.00†	4524.87	-1117.74	-459.85	4656.87	4524.87	-2046.09	-10983.80	63.69	10564.82	193.53	54.79	PASS
4804.00†	4620.24	-1145.55	-471.29	4752.24	4620.24	-2046.09	-10983.80	63.83	10551.01	196.63	53.85	PASS
4904.00†	4715.61	-1173.35	-482.73	4847.61	4715.61	-2046.09	-10983.80	63.97	10537.28	199.73	52.94	PASS
5004.00†	4810.99	-1201.16	-494.16	4942.99	4810.99	-2046.09	-10983.80	64.11	10523.61	202.84	52.06	PASS
5104.00†	4906.36	-1228.96	-505.60	5038.36	4906.36	-2046.09	-10983.80	64.26	10510.01	205.96	51.20	PASS
5204.00†	5001.73	-1256.76	-517.04	5133.73	5001.73	-2046.09	-10983.80	64.40	10496.47	209.08	50.37	PASS
5304.00†	5097.11	-1284.57	-528.48	5229.11	5097.11	-2046.09	-10983.80	64.54	10483.01	212.21	49.56	PASS
5404.00†	5192.48	-1312.37	-539.92	5324.48	5192.48	-2046.09	-10983.80	64.68	10469.62	215.35	48.77	PASS
5504.00†	5287.85	-1340.18	-551.36	5419.85	5287.85	-2046.09	-10983.80	64.83	10456.29	218.50	48.01	PASS
5604.00†	5383.23	-1367.98	-562.80	5515.23	5383.23	-2046.09	-10983.80	64.97	10443.04	221.65	47.26	PASS
5704.00†	5478.60	-1395.79	-574.24	5610.60	5478.60	-2046.09	-10983.80	65.11	10429.85	224.80	46.54	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 9 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. UPRR 49 PAN AM B #1 AWP 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
5804.00†	5573.97	-1423.59	-585.68	5705.97	5573.97	-2046.09	-10983.80	65.26	10416.74	227.96	45.83	PASS
5904.00†	5669.35	-1451.40	-597.12	5801.35	5669.35	-2046.09	-10983.80	65.40	10403.69	231.13	45.15	PASS
6004.00†	5764.72	-1479.20	-608.55	5896.72	5764.72	-2046.09	-10983.80	65.55	10390.72	234.31	44.48	PASS
6104.00†	5860.09	-1507.00	-619.99	5992.09	5860.09	-2046.09	-10983.80	65.69	10377.81	237.48	43.83	PASS
6204.00†	5955.47	-1534.81	-631.43	6087.47	5955.47	-2046.09	-10983.80	65.84	10364.98	240.67	43.19	PASS
6304.00†	6050.84	-1562.61	-642.87	6182.84	6050.84	-2046.09	-10983.80	65.99	10352.22	243.86	42.57	PASS
6404.00†	6146.21	-1590.42	-654.31	6278.21	6146.21	-2046.09	-10983.80	66.13	10339.53	247.05	41.97	PASS
6504.00†	6241.59	-1618.22	-665.75	6373.59	6241.59	-2046.09	-10983.80	66.28	10326.92	250.25	41.38	PASS
6604.00†	6336.96	-1646.03	-677.19	6468.96	6336.96	-2046.09	-10983.80	66.43	10314.37	253.45	40.81	PASS
6704.00†	6432.33	-1673.83	-688.63	6564.33	6432.33	-2046.09	-10983.80	66.57	10301.90	256.66	40.25	PASS
6804.00†	6527.71	-1701.64	-700.07	6659.71	6527.71	-2046.09	-10983.80	66.72	10289.50	259.87	39.70	PASS
6831.79	6554.21	-1709.36	-703.25	6686.21	6554.21	-2046.09	-10983.80	66.76	10286.06	260.76	39.55	PASS
6904.00†	6622.47	-1729.32	-715.55	6754.47	6622.47	-2046.09	-10983.80	50.63	10273.13	263.12	39.15	PASS
7004.00†	6713.83	-1756.23	-745.70	6845.83	6713.83	-2046.09	-10983.80	36.53	10242.20	266.65	38.51	PASS
7104.00†	6799.47	-1781.68	-790.38	6931.47	6799.47	-2046.09	-10983.80	28.40	10196.85	270.24	37.83	PASS
7204.00†	6877.30	-1805.06	-848.48	7009.30	6877.30	-2046.09	-10983.80	23.44	10138.19	273.44	37.17	PASS
7304.00†	6945.39	-1825.79	-918.57	7077.39	6945.39	-2046.09	-10983.80	20.27	10067.63	276.19	36.54	PASS
7404.00†	7002.07	-1843.35	-998.94	7134.07	7002.07	-2046.09	-10983.80	18.17	9986.92	278.43	35.96	PASS
7504.00†	7045.94	-1857.32	-1087.59	7177.94	7045.94	-2046.09	-10983.80	16.74	9898.00	280.12	35.42	PASS
7604.00†	7075.92	-1867.35	-1182.36	7207.92	7075.92	-2046.09	-10983.80	15.66	9803.07	281.25	34.94	PASS
7704.00†	7091.27	-1873.20	-1280.90	7223.27	7091.27	-2046.09	-10983.80	13.73	9704.44	281.82	34.52	PASS
7777.19	7093.00	-1874.74	-1354.01	7225.00	7093.00	-2046.09	-10983.80	-157.94	9631.31	281.89	34.25	PASS
7804.00†	7092.16	-1874.87	-1380.80	7224.16	7092.16	-2046.09	-10983.80	-157.85	9604.52	281.87	34.16	PASS
7904.00†	7089.03	-1875.38	-1480.75	7221.03	7089.03	-2046.09	-10983.80	-157.53	9504.58	281.78	33.81	PASS
8004.00†	7085.93	-1875.89	-1580.71	7217.93	7085.93	-2046.09	-10983.80	-157.19	9404.63	281.70	33.47	PASS
8104.00†	7082.86	-1876.40	-1680.66	7214.86	7082.86	-2046.09	-10983.80	-156.85	9304.69	281.62	33.12	PASS
8204.00†	7079.83	-1876.93	-1780.61	7211.83	7079.83	-2046.09	-10983.80	-156.50	9204.74	281.53	32.77	PASS
8304.00†	7076.83	-1877.45	-1880.56	7208.83	7076.83	-2046.09	-10983.80	-156.13	9104.80	281.46	32.43	PASS
8404.00†	7073.85	-1877.99	-1980.52	7205.85	7073.85	-2046.09	-10983.80	-155.76	9004.85	281.38	32.08	PASS
8504.00†	7070.91	-1878.52	-2080.47	7202.91	7070.91	-2046.09	-10983.80	-155.38	8904.90	281.30	31.73	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 10 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
8604.00†	7068.00	-1879.07	-2180.43	7200.00	7068.00	-2046.09	-10983.80	-154.99	8804.95	281.23	31.39	PASS
8704.00†	7065.12	-1879.62	-2280.39	7197.12	7065.12	-2046.09	-10983.80	-154.59	8705.00	281.16	31.04	PASS
8804.00†	7062.27	-1880.17	-2380.34	7194.27	7062.27	-2046.09	-10983.80	-154.17	8605.05	281.09	30.69	PASS
8904.00†	7059.45	-1880.73	-2480.30	7191.45	7059.45	-2046.09	-10983.80	-153.75	8505.10	281.02	30.34	PASS
9004.00†	7056.67	-1881.29	-2580.26	7188.67	7056.67	-2046.09	-10983.80	-153.31	8405.15	280.96	29.99	PASS
9104.00†	7053.91	-1881.86	-2680.22	7185.91	7053.91	-2046.09	-10983.80	-152.86	8305.20	280.89	29.64	PASS
9204.00†	7051.19	-1882.44	-2780.18	7183.19	7051.19	-2046.09	-10983.80	-152.40	8205.24	280.83	29.29	PASS
9304.00†	7048.49	-1883.02	-2880.15	7180.49	7048.49	-2046.09	-10983.80	-151.93	8105.29	280.77	28.94	PASS
9404.00†	7045.83	-1883.61	-2980.11	7177.83	7045.83	-2046.09	-10983.80	-151.44	8005.34	280.72	28.59	PASS
9504.00†	7043.20	-1884.20	-3080.07	7175.20	7043.20	-2046.09	-10983.80	-150.94	7905.38	280.66	28.24	PASS
9604.00†	7040.60	-1884.80	-3180.04	7172.60	7040.60	-2046.09	-10983.80	-150.43	7805.43	280.61	27.88	PASS
9704.00†	7038.03	-1885.40	-3280.00	7170.03	7038.03	-2046.09	-10983.80	-149.90	7705.47	280.55	27.53	PASS
9804.00†	7035.49	-1886.01	-3379.97	7167.49	7035.49	-2046.09	-10983.80	-149.36	7605.51	280.50	27.18	PASS
9904.00†	7032.98	-1886.62	-3479.93	7164.98	7032.98	-2046.09	-10983.80	-148.80	7505.56	280.46	26.83	PASS
10004.00†	7030.51	-1887.24	-3579.90	7162.51	7030.51	-2046.09	-10983.80	-148.23	7405.60	280.41	26.47	PASS
10104.00†	7028.06	-1887.86	-3679.87	7160.06	7028.06	-2046.09	-10983.80	-147.64	7305.64	280.37	26.12	PASS
10204.00†	7025.65	-1888.49	-3779.84	7157.65	7025.65	-2046.09	-10983.80	-147.04	7205.68	280.32	25.77	PASS
10304.00†	7023.27	-1889.13	-3879.81	7155.27	7023.27	-2046.09	-10983.80	-146.42	7105.72	280.28	25.41	PASS
10404.00†	7020.91	-1889.77	-3979.78	7152.91	7020.91	-2046.09	-10983.80	-145.78	7005.76	280.24	25.06	PASS
10504.00†	7018.59	-1890.41	-4079.75	7150.59	7018.59	-2046.09	-10983.80	-145.13	6905.80	280.21	24.71	PASS
10604.00†	7016.30	-1891.06	-4179.72	7148.30	7016.30	-2046.09	-10983.80	-144.46	6805.84	280.17	24.35	PASS
10704.00†	7014.04	-1891.72	-4279.69	7146.04	7014.04	-2046.09	-10983.80	-143.77	6705.88	280.14	24.00	PASS
10804.00†	7011.82	-1892.38	-4379.67	7143.82	7011.82	-2046.09	-10983.80	-143.07	6605.92	280.11	23.64	PASS
10904.00†	7009.62	-1893.05	-4479.64	7141.62	7009.62	-2046.09	-10983.80	-142.35	6505.96	280.08	23.29	PASS
11004.00†	7007.45	-1893.72	-4579.61	7139.45	7007.45	-2046.09	-10983.80	-141.61	6405.99	280.05	22.93	PASS
11104.00†	7005.32	-1894.40	-4679.59	7137.32	7005.32	-2046.09	-10983.80	-140.85	6306.03	280.02	22.57	PASS
11204.00†	7003.22	-1895.08	-4779.57	7135.22	7003.22	-2046.09	-10983.80	-140.07	6206.07	280.00	22.22	PASS
11304.00†	7001.14	-1895.77	-4879.54	7133.14	7001.14	-2046.09	-10983.80	-139.27	6106.11	279.98	21.86	PASS
11404.00†	6999.10	-1896.46	-4979.52	7131.10	6999.10	-2046.09	-10983.80	-138.46	6006.14	279.95	21.51	PASS
11504.00†	6997.09	-1897.16	-5079.50	7129.09	6997.09	-2046.09	-10983.80	-137.62	5906.18	279.94	21.15	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 11 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
11604.00†	6995.11	-1897.86	-5179.47	7127.11	6995.11	-2046.09	-10983.80	-136.77	5806.22	279.92	20.79	PASS
11704.00†	6993.16	-1898.57	-5279.45	7125.16	6993.16	-2046.09	-10983.80	-135.90	5706.25	279.90	20.44	PASS
11804.00†	6991.25	-1899.29	-5379.43	7123.25	6991.25	-2046.09	-10983.80	-135.01	5606.29	279.89	20.08	PASS
11904.00†	6989.36	-1900.01	-5479.41	7121.36	6989.36	-2046.09	-10983.80	-134.10	5506.32	279.87	19.72	PASS
12004.00†	6987.50	-1900.74	-5579.39	7119.50	6987.50	-2046.09	-10983.80	-133.18	5406.36	279.86	19.36	PASS
12104.00†	6985.68	-1901.47	-5679.37	7117.68	6985.68	-2046.09	-10983.80	-132.24	5306.40	279.85	19.01	PASS
12204.00†	6983.89	-1902.20	-5779.35	7115.89	6983.89	-2046.09	-10983.80	-131.28	5206.43	279.84	18.65	PASS
12304.00†	6982.12	-1902.94	-5879.33	7114.12	6982.12	-2046.09	-10983.80	-130.31	5106.47	279.84	18.29	PASS
12404.00†	6980.39	-1903.69	-5979.32	7112.39	6980.39	-2046.09	-10983.80	-129.32	5006.51	279.83	17.93	PASS
12504.00†	6978.69	-1904.44	-6079.30	7110.69	6978.69	-2046.09	-10983.80	-128.31	4906.54	279.83	17.58	PASS
12604.00†	6977.02	-1905.20	-6179.28	7109.02	6977.02	-2046.09	-10983.80	-127.29	4806.58	279.83	17.22	PASS
12704.00†	6975.39	-1905.97	-6279.27	7107.39	6975.39	-2046.09	-10983.80	-126.26	4706.62	279.83	16.86	PASS
12804.00†	6973.78	-1906.73	-6379.25	7105.78	6973.78	-2046.09	-10983.80	-125.22	4606.65	279.83	16.50	PASS
12904.00†	6972.20	-1907.51	-6479.23	7104.20	6972.20	-2046.09	-10983.80	-124.17	4506.69	279.83	16.14	PASS
13004.00†	6970.66	-1908.29	-6579.22	7102.66	6970.66	-2046.09	-10983.80	-123.10	4406.73	279.83	15.79	PASS
13104.00†	6969.14	-1909.07	-6679.21	7101.14	6969.14	-2046.09	-10983.80	-122.03	4306.77	279.84	15.43	PASS
13204.00†	6967.66	-1909.86	-6779.19	7099.66	6967.66	-2046.09	-10983.80	-120.95	4206.81	279.84	15.07	PASS
13304.00†	6966.21	-1910.66	-6879.18	7098.21	6966.21	-2046.09	-10983.80	-119.87	4106.85	279.85	14.71	PASS
13404.00†	6964.79	-1911.46	-6979.16	7096.79	6964.79	-2046.09	-10983.80	-118.79	4006.89	279.86	14.35	PASS
13504.00†	6963.40	-1912.27	-7079.15	7095.40	6963.40	-2046.09	-10983.80	-117.70	3906.94	279.86	13.99	PASS
13604.00†	6962.04	-1913.08	-7179.14	7094.04	6962.04	-2046.09	-10983.80	-116.61	3806.98	279.87	13.63	PASS
13704.00†	6960.71	-1913.90	-7279.13	7092.71	6960.71	-2046.09	-10983.80	-115.52	3707.03	279.89	13.28	PASS
13804.00†	6959.42	-1914.72	-7379.11	7091.42	6959.42	-2046.09	-10983.80	-114.44	3607.07	279.90	12.92	PASS
13904.00†	6958.15	-1915.55	-7479.10	7090.15	6958.15	-2046.09	-10983.80	-113.36	3507.12	279.91	12.56	PASS
14004.00†	6956.92	-1916.38	-7579.09	7088.92	6956.92	-2046.09	-10983.80	-112.29	3407.17	279.92	12.20	PASS
14104.00†	6955.71	-1917.22	-7679.08	7087.71	6955.71	-2046.09	-10983.80	-111.23	3307.23	279.94	11.84	PASS
14204.00†	6954.54	-1918.06	-7779.07	7086.54	6954.54	-2046.09	-10983.80	-110.18	3207.28	279.95	11.48	PASS
14304.00†	6953.40	-1918.91	-7879.06	7085.40	6953.40	-2046.09	-10983.80	-109.14	3107.34	279.97	11.12	PASS
14404.00†	6952.29	-1919.77	-7979.05	7084.29	6952.29	-2046.09	-10983.80	-108.12	3007.40	279.98	10.77	PASS
14504.00†	6951.21	-1920.62	-8079.04	7083.21	6951.21	-2046.09	-10983.80	-107.11	2907.46	280.00	10.41	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 12 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
14604.00†	6950.16	-1921.49	-8179.03	7082.16	6950.16	-2046.09	-10983.80	-106.12	2807.53	280.02	10.05	PASS
14704.00†	6949.15	-1922.36	-8279.02	7081.15	6949.15	-2046.09	-10983.80	-105.15	2707.60	280.03	9.69	PASS
14804.00†	6948.16	-1923.24	-8379.01	7080.16	6948.16	-2046.09	-10983.80	-104.20	2607.68	280.05	9.33	PASS
14904.00†	6947.21	-1924.12	-8479.01	7079.21	6947.21	-2046.09	-10983.80	-103.27	2507.76	280.07	8.97	PASS
15004.00†	6946.28	-1925.01	-8579.00	7078.28	6946.28	-2046.09	-10983.80	-102.36	2407.84	280.08	8.62	PASS
15104.00†	6945.39	-1925.90	-8678.99	7077.39	6945.39	-2046.09	-10983.80	-101.48	2307.94	280.10	8.26	PASS
15204.00†	6944.53	-1926.80	-8778.98	7076.53	6944.53	-2046.09	-10983.80	-100.63	2208.04	280.12	7.90	PASS
15304.00†	6943.70	-1927.70	-8878.97	7075.70	6943.70	-2046.09	-10983.80	-99.81	2108.15	280.13	7.54	PASS
15404.00†	6942.90	-1928.61	-8978.97	7074.90	6942.90	-2046.09	-10983.80	-99.01	2008.27	280.15	7.18	PASS
15504.00†	6942.13	-1929.52	-9078.96	7074.13	6942.13	-2046.09	-10983.80	-98.24	1908.40	280.17	6.83	PASS
15604.00†	6941.39	-1930.44	-9178.95	7073.39	6941.39	-2046.09	-10983.80	-97.50	1808.54	280.18	6.47	PASS
15704.00†	6940.69	-1931.36	-9278.95	7072.69	6940.69	-2046.09	-10983.80	-96.80	1708.71	280.20	6.11	PASS
15804.00†	6940.01	-1932.29	-9378.94	7072.01	6940.01	-2046.09	-10983.80	-96.12	1608.89	280.22	5.75	PASS
15904.00†	6939.37	-1933.23	-9478.93	7071.37	6939.37	-2046.09	-10983.80	-95.48	1509.09	280.25	5.40	PASS
16004.00†	6938.75	-1934.17	-9578.93	7070.75	6938.75	-2046.09	-10983.80	-94.87	1409.32	280.28	5.04	PASS
16104.00†	6938.17	-1935.11	-9678.92	7070.17	6938.17	-2046.09	-10983.80	-94.29	1309.59	280.32	4.68	PASS
16204.00†	6937.62	-1936.07	-9778.92	7069.62	6937.62	-2046.09	-10983.80	-93.75	1209.89	280.38	4.32	PASS
16304.00†	6937.10	-1937.02	-9878.91	7069.10	6937.10	-2046.09	-10983.80	-93.24	1110.26	280.47	3.97	PASS
16404.00†	6936.61	-1937.98	-9978.90	7068.61	6936.61	-2046.09	-10983.80	-92.77	1010.69	280.60	3.61	PASS
16504.00†	6936.15	-1938.95	-10078.90	7068.15	6936.15	-2046.09	-10983.80	-92.33	911.22	280.81	3.25	PASS
16604.00†	6935.73	-1939.92	-10178.89	7067.73	6935.73	-2046.09	-10983.80	-91.93	811.88	281.14	2.89	PASS
16704.00†	6935.33	-1940.90	-10278.89	7067.33	6935.33	-2046.09	-10983.80	-91.57	712.71	281.68	2.53	PASS
16804.00†	6934.96	-1941.89	-10378.88	7066.96	6934.96	-2046.09	-10983.80	-91.23	613.83	282.63	2.17	PASS
16904.00†	6934.63	-1942.87	-10478.88	7066.63	6934.63	-2046.09	-10983.80	-90.94	515.36	284.34	1.81	PASS
17004.00†	6934.33	-1943.87	-10578.87	7066.33	6934.33	-2046.09	-10983.80	-90.68	417.63	287.64	1.45	PASS
17104.00†	6934.06	-1944.87	-10678.86	7066.06	6934.06	-2046.09	-10983.80	-90.46	321.29	294.53	1.09	PASS
17204.00†	6933.82	-1945.87	-10778.86	7065.82	6933.82	-2046.09	-10983.80	-90.27	228.13	310.34	0.73	FAIL
17304.00†	6933.61	-1946.88	-10878.85	7065.61	6933.61	-2046.09	-10983.80	-90.12	144.41	349.59	0.41	FAIL
17404.00†	6933.43	-1947.90	-10978.85	7065.43	6933.43	-2046.09	-10983.80	-90.01	98.31	411.26	0.24	FAIL
17410.09†	6933.42	-1947.96	-10984.94	7065.64	6933.64	-2046.09	-10983.80	-90.13	98.14	412.44	0.24	FAIL

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 13 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
17412.36†	6933.41	-1947.98	-10987.21	7065.41	6933.41	-2046.09	-10983.80	-90.00	98.16	412.74	0.24	FAIL
17504.00†	6933.28	-1948.92	-11078.84	7065.28	6933.28	-2046.09	-10983.80	-89.93	135.93	376.07	0.36	FAIL
17604.00†	6933.16	-1949.94	-11178.84	7065.16	6933.16	-2046.09	-10983.80	-89.89	217.45	335.76	0.65	FAIL

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 14 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	37.00	-1922.84	-597.07	-162.75	2013.67	1.27	6621.58	PASS
104.00†	104.00	0.00	0.00	63.00	104.00	-1922.84	-597.07	-162.75	2013.40	5.02	496.68	PASS
204.00†	204.00	0.00	0.00	163.00	204.00	-1922.84	-597.07	-162.75	2013.40	10.50	210.93	PASS
250.00	250.00	0.00	0.00	209.00	250.00	-1922.84	-597.07	-162.75	2013.40	13.03	166.74	PASS
304.00†	304.00	-0.47	-0.19	263.00	304.00	-1922.84	-597.07	-5.11	2012.90	16.02	133.64	PASS
404.00†	403.93	-3.83	-1.57	362.93	403.93	-1922.84	-597.07	-5.13	2009.28	21.75	96.64	PASS
504.00†	503.67	-10.41	-4.28	462.67	503.67	-1922.84	-597.07	-5.16	2002.20	27.59	75.15	PASS
604.00†	603.10	-20.20	-8.31	562.10	603.10	-1922.84	-597.07	-5.21	1991.65	33.22	61.71	PASS
704.00†	702.10	-33.20	-13.66	661.10	702.10	-1922.84	-597.07	-5.27	1977.65	38.68	52.41	PASS
804.00†	800.55	-49.38	-20.32	759.55	800.55	-1922.84	-597.07	-5.35	1960.22	43.97	45.56	PASS
904.00†	898.33	-68.74	-28.28	857.33	898.33	-1922.84	-597.07	-5.45	1939.38	49.10	40.27	PASS
1004.00†	995.32	-91.23	-37.53	954.32	995.32	-1922.84	-597.07	-5.57	1915.16	54.04	36.06	PASS
1104.00†	1091.41	-116.85	-48.07	1050.41	1091.41	-1922.84	-597.07	-5.70	1887.59	58.79	32.63	PASS
1124.85	1111.32	-122.58	-50.43	1070.32	1111.32	-1922.84	-597.07	-5.74	1881.42	59.74	31.99	PASS
1204.00†	1186.80	-144.59	-59.48	1145.80	1186.80	-1922.84	-597.07	-5.81	1857.73	63.19	29.84	PASS
1304.00†	1282.18	-172.39	-70.92	1241.18	1282.18	-1922.84	-597.07	-5.90	1827.81	67.38	27.51	PASS
1404.00†	1377.55	-200.19	-82.36	1336.55	1377.55	-1922.84	-597.07	-6.00	1797.89	71.37	25.52	PASS
1504.00†	1472.92	-228.00	-93.80	1431.92	1472.92	-1922.84	-597.07	-6.11	1767.98	75.14	23.82	PASS
1604.00†	1568.30	-255.80	-105.24	1527.30	1568.30	-1922.84	-597.07	-6.21	1738.07	78.66	22.36	PASS
1704.00†	1663.67	-283.61	-116.68	1622.67	1663.67	-1922.84	-597.07	-6.32	1708.17	81.90	21.09	PASS
1804.00†	1759.04	-311.41	-128.12	1718.04	1759.04	-1922.84	-597.07	-6.43	1678.27	84.34	20.06	PASS
1904.00†	1854.42	-339.22	-139.56	1813.42	1854.42	-1922.84	-597.07	-6.55	1648.38	86.43	19.22	PASS
2004.00†	1949.79	-367.02	-151.00	1908.79	1949.79	-1922.84	-597.07	-6.67	1618.50	88.17	18.50	PASS
2104.00†	2045.16	-394.83	-162.43	2004.16	2045.16	-1922.84	-597.07	-6.80	1588.62	89.53	17.88	PASS
2204.00†	2140.54	-422.63	-173.87	2099.54	2140.54	-1922.84	-597.07	-6.93	1558.75	90.50	17.35	PASS
2304.00†	2235.91	-450.43	-185.31	2194.91	2235.91	-1922.84	-597.07	-7.06	1528.89	91.03	16.92	PASS
2404.00†	2331.28	-478.24	-196.75	2290.28	2331.28	-1922.84	-597.07	-7.20	1499.04	91.11	16.57	PASS
2504.00†	2426.66	-506.04	-208.19	2385.66	2426.66	-1922.84	-597.07	-7.35	1469.19	90.71	16.32	PASS
2604.00†	2522.03	-533.85	-219.63	2481.03	2522.03	-1922.84	-597.07	-7.50	1439.36	89.81	16.15	PASS
2704.00†	2617.40	-561.65	-231.07	2576.40	2617.40	-1922.84	-597.07	-7.66	1409.53	88.39	16.07	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 15 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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†	2712.78	-589.46	-242.51	2671.78	2712.78	-1922.84	-597.07	-7.83	1379.72	86.44	16.09	PASS	
2904.00†	2808.15	-617.26	-253.95	2767.15	2808.15	-1922.84	-597.07	-8.00	1349.91	83.96	16.21	PASS	
3004.00†	2903.52	-645.07	-265.38	2862.52	2903.52	-1922.84	-597.07	-8.19	1320.12	80.95	16.44	PASS	
3104.00†	2998.90	-672.87	-276.82	2957.90	2998.90	-1922.84	-597.07	-8.38	1290.34	77.42	16.81	PASS	
3204.00†	3094.27	-700.67	-288.26	3053.27	3094.27	-1922.84	-597.07	-8.57	1260.57	73.42	17.33	PASS	
3304.00†	3189.64	-728.48	-299.70	3148.64	3189.64	-1922.84	-597.07	-8.78	1230.82	69.01	18.01	PASS	
3404.00†	3285.02	-756.28	-311.14	3244.02	3285.02	-1922.84	-597.07	-9.00	1201.08	64.28	18.88	PASS	
3504.00†	3380.39	-784.09	-322.58	3339.39	3380.39	-1922.84	-597.07	-9.23	1171.36	59.41	19.94	PASS	
3604.00†	3475.76	-811.89	-334.02	3434.76	3475.76	-1922.84	-597.07	-9.47	1141.66	54.71	21.13	PASS	
3704.00†	3571.14	-839.70	-345.46	3530.14	3571.14	-1922.84	-597.07	-9.73	1111.98	50.64	22.25	PASS	
3804.00†	3666.51	-867.50	-356.90	3625.51	3666.51	-1922.84	-597.07	-9.99	1082.32	48.00	22.87	PASS	
3904.00†	3761.88	-895.31	-368.34	3720.88	3761.88	-1922.84	-597.07	-10.28	1052.68	47.73	22.37	PASS	
4004.00†	3857.26	-923.11	-379.77	3816.26	3857.26	-1922.84	-597.07	-10.58	1023.07	50.43	20.56	PASS	
4104.00†	3952.63	-950.91	-391.21	3911.63	3952.63	-1922.84	-597.07	-10.90	993.48	55.97	17.97	PASS	
4204.00†	4048.00	-978.72	-402.65	4007.00	4048.00	-1922.84	-597.07	-11.23	963.93	63.67	15.30	PASS	
4304.00†	4143.37	-1006.52	-414.09	4102.37	4143.37	-1922.84	-597.07	-11.59	934.40	72.90	12.93	PASS	
4404.00†	4238.75	-1034.33	-425.53	4197.75	4238.75	-1922.84	-597.07	-11.97	904.92	83.18	10.96	PASS	
4504.00†	4334.12	-1062.13	-436.97	4293.12	4334.12	-1922.84	-597.07	-12.38	875.47	94.21	9.36	PASS	
4604.00†	4429.49	-1089.94	-448.41	4388.49	4429.49	-1922.84	-597.07	-12.82	846.06	105.80	8.04	PASS	
4704.00†	4524.87	-1117.74	-459.85	4483.87	4524.87	-1922.84	-597.07	-13.28	816.70	117.79	6.97	PASS	
4804.00†	4620.24	-1145.55	-471.29	4579.24	4620.24	-1922.84	-597.07	-13.79	787.40	130.08	6.08	PASS	
4904.00†	4715.61	-1173.35	-482.73	4674.61	4715.61	-1922.84	-597.07	-14.33	758.16	142.58	5.34	PASS	
5004.00†	4810.99	-1201.16	-494.16	4769.99	4810.99	-1922.84	-597.07	-14.91	728.98	155.21	4.71	PASS	
5104.00†	4906.36	-1228.96	-505.60	4865.36	4906.36	-1922.84	-597.07	-15.54	699.88	167.92	4.18	PASS	
5204.00†	5001.73	-1256.76	-517.04	4960.73	5001.73	-1922.84	-597.07	-16.23	670.86	180.64	3.72	PASS	
5304.00†	5097.11	-1284.57	-528.48	5056.11	5097.11	-1922.84	-597.07	-16.97	641.94	193.33	3.33	PASS	
5404.00†	5192.48	-1312.37	-539.92	5151.48	5192.48	-1922.84	-597.07	-17.79	613.13	205.95	2.98	PASS	
5504.00†	5287.85	-1340.18	-551.36	5246.85	5287.85	-1922.84	-597.07	-18.68	584.45	218.45	2.68	PASS	
5604.00†	5383.23	-1367.98	-562.80	5342.23	5383.23	-1922.84	-597.07	-19.67	555.91	230.81	2.41	PASS	
5704.00†	5478.60	-1395.79	-574.24	5437.60	5478.60	-1922.84	-597.07	-20.77	527.54	242.99	2.17	PASS	

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 16 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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†	5573.97	-1423.59	-585.68	5532.97	5573.97	-1922.84	-597.07	-21.98	499.37	254.96	1.96	PASS
5904.00†	5669.35	-1451.40	-597.12	5628.35	5669.35	-1922.84	-597.07	-23.34	471.44	266.72	1.77	PASS
6004.00†	5764.72	-1479.20	-608.55	5723.72	5764.72	-1922.84	-597.07	-24.87	443.78	278.23	1.60	PASS
6104.00†	5860.09	-1507.00	-619.99	5819.09	5860.09	-1922.84	-597.07	-26.59	416.46	289.50	1.44	PASS
6204.00†	5955.47	-1534.81	-631.43	5914.47	5955.47	-1922.84	-597.07	-28.55	389.54	300.50	1.30	PASS
6304.00†	6050.84	-1562.61	-642.87	6009.84	6050.84	-1922.84	-597.07	-30.79	363.12	311.24	1.17	PASS
6404.00†	6146.21	-1590.42	-654.31	6105.21	6146.21	-1922.84	-597.07	-33.37	337.31	321.71	1.05	PASS
6504.00†	6241.59	-1618.22	-665.75	6200.59	6241.59	-1922.84	-597.07	-36.35	312.26	331.90	0.94	FAIL
6604.00†	6336.96	-1646.03	-677.19	6295.96	6336.96	-1922.84	-597.07	-39.83	288.17	341.82	0.84	FAIL
6704.00†	6432.33	-1673.83	-688.63	6391.33	6432.33	-1922.84	-597.07	-43.91	265.30	351.45	0.75	FAIL
6804.00†	6527.71	-1701.64	-700.07	6486.71	6527.71	-1922.84	-597.07	-48.68	244.00	360.79	0.68	FAIL
6831.79	6554.21	-1709.36	-703.25	6513.21	6554.21	-1922.84	-597.07	-50.15	238.42	363.32	0.66	FAIL
6904.00†	6622.47	-1729.32	-715.55	6581.47	6622.47	-1922.84	-597.07	-72.15	226.90	369.93	0.61	FAIL
6976.03†	6688.75	-1748.82	-735.76	6647.87	6688.87	-1922.84	-597.07	-90.01	222.53	376.70	0.59	FAIL
7004.00†	6713.83	-1756.23	-745.70	6672.83	6713.83	-1922.84	-597.07	-96.01	223.27	379.23	0.59	FAIL
7104.00†	6799.47	-1781.68	-790.38	6758.47	6799.47	-1922.84	-597.07	-113.97	239.35	388.01	0.62	FAIL
7204.00†	6877.30	-1805.06	-848.48	6836.30	6877.30	-1922.84	-597.07	-127.10	277.62	395.13	0.70	FAIL

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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	Wellbore
0.00	7451.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7451>	EX. ARIEL J 7-13 AWB



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 17 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 18 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	6.00	4.00	181.06	-98.58	-28.57	206.16	1.57	338.43	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	181.06	-98.58	-28.57	206.16	2.21	165.28	PASS
204.00†	204.00	0.00	0.00	206.00	204.00	181.06	-98.58	-28.57	206.16	3.21	91.47	PASS
250.00	250.00	0.00	0.00	252.05	250.05	181.06	-98.58	-28.57	206.16	3.69	75.32	PASS
304.00†	304.00	-0.47	-0.19	307.47	305.46	180.63	-98.95	129.03	206.28	4.28	61.98	PASS
404.00†	403.93	-3.83	-1.57	410.08	407.99	177.67	-101.49	128.81	207.22	5.51	45.42	PASS
504.00†	503.67	-10.41	-4.28	512.65	510.28	171.93	-106.41	128.40	209.10	6.86	35.28	PASS
604.00†	603.10	-20.20	-8.31	615.16	612.17	163.42	-113.71	127.81	211.92	8.17	29.26	PASS
704.00†	702.10	-33.20	-13.66	717.58	713.51	152.16	-123.36	127.06	215.70	9.52	25.11	PASS
804.00†	800.55	-49.38	-20.32	819.91	814.15	138.18	-135.36	126.16	220.45	10.83	22.26	PASS
904.00†	898.33	-68.74	-28.28	922.10	913.96	121.50	-149.67	125.13	226.20	12.43	19.64	PASS
1004.00†	995.32	-91.23	-37.53	1024.16	1012.77	102.15	-166.26	124.00	232.97	14.08	17.69	PASS
1104.00†	1091.41	-116.85	-48.07	1126.05	1110.46	80.18	-185.11	122.79	240.75	15.88	16.08	PASS
1124.85	1111.32	-122.58	-50.43	1147.27	1130.67	75.28	-189.31	122.53	242.51	16.28	15.77	PASS
1204.00†	1186.80	-144.59	-59.48	1227.74	1206.87	55.65	-206.15	121.42	249.01	17.76	14.76	PASS
1304.00†	1282.18	-172.39	-70.92	1329.07	1301.73	28.63	-229.33	119.41	256.68	19.93	13.49	PASS
1404.00†	1377.55	-200.19	-82.36	1429.79	1394.72	-0.74	-254.52	116.77	264.04	22.20	12.39	PASS
1504.00†	1472.92	-228.00	-93.80	1528.94	1485.22	-31.48	-280.89	113.77	271.61	24.62	11.44	PASS
1604.00†	1568.30	-255.80	-105.24	1627.63	1575.24	-62.20	-307.23	110.92	279.88	27.10	10.67	PASS
1704.00†	1663.67	-283.61	-116.68	1726.33	1665.26	-92.91	-333.58	108.23	288.81	29.46	10.10	PASS
1804.00†	1759.04	-311.41	-128.12	1825.02	1755.27	-123.62	-359.92	105.71	298.35	30.37	10.03	PASS
1904.00†	1854.42	-339.22	-139.56	1923.72	1845.29	-154.34	-386.27	103.34	308.43	30.50	10.33	PASS
2004.00†	1949.79	-367.02	-151.00	2022.41	1935.31	-185.05	-412.61	101.13	319.01	30.66	10.63	PASS
2104.00†	2045.16	-394.83	-162.43	2121.11	2025.33	-215.77	-438.96	99.06	330.03	30.86	10.92	PASS
2204.00†	2140.54	-422.63	-173.87	2219.80	2115.35	-246.48	-465.30	97.12	341.46	31.10	11.21	PASS
2304.00†	2235.91	-450.43	-185.31	2318.50	2205.36	-277.19	-491.65	95.31	353.25	31.37	11.50	PASS
2404.00†	2331.28	-478.24	-196.75	2417.19	2295.38	-307.91	-518.00	93.62	365.37	31.69	11.77	PASS
2504.00†	2426.66	-506.04	-208.19	2515.89	2385.40	-338.62	-544.34	92.03	377.79	32.06	12.03	PASS
2604.00†	2522.03	-533.85	-219.63	2614.58	2475.42	-369.34	-570.69	90.55	390.48	32.47	12.27	PASS
2704.00†	2617.40	-561.65	-231.07	2713.28	2565.44	-400.05	-597.03	89.16	403.42	32.92	12.50	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 19 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
2804.00†	2712.78	-589.46	-242.51	2811.97	2655.45	-430.77	-623.38	87.85	416.57	33.41	12.72	PASS
2904.00†	2808.15	-617.26	-253.95	2910.67	2745.47	-461.48	-649.72	86.63	429.92	33.94	12.91	PASS
3004.00†	2903.52	-645.07	-265.38	3009.36	2835.49	-492.19	-676.07	85.48	443.46	34.52	13.10	PASS
3104.00†	2998.90	-672.87	-276.82	3108.06	2925.51	-522.91	-702.41	84.40	457.17	35.13	13.26	PASS
3204.00†	3094.27	-700.67	-288.26	3206.75	3015.52	-553.62	-728.76	83.38	471.02	35.78	13.41	PASS
3304.00†	3189.64	-728.48	-299.70	3305.44	3105.54	-584.34	-755.10	82.41	485.02	36.46	13.55	PASS
3404.00†	3285.02	-756.28	-311.14	3404.14	3195.56	-615.05	-781.45	81.51	499.14	37.18	13.67	PASS
3504.00†	3380.39	-784.09	-322.58	3502.83	3285.58	-645.77	-807.79	80.65	513.38	37.93	13.77	PASS
3604.00†	3475.76	-811.89	-334.02	3601.53	3375.60	-676.48	-834.14	79.84	527.72	38.71	13.87	PASS
3704.00†	3571.14	-839.70	-345.46	3700.22	3465.61	-707.19	-860.48	79.07	542.17	39.52	13.95	PASS
3804.00†	3666.51	-867.50	-356.90	3798.92	3555.63	-737.91	-886.83	78.34	556.70	40.35	14.03	PASS
3904.00†	3761.88	-895.31	-368.34	3897.61	3645.65	-768.62	-913.18	77.65	571.32	41.21	14.09	PASS
4004.00†	3857.26	-923.11	-379.77	3996.31	3735.67	-799.34	-939.52	76.99	586.02	42.09	14.14	PASS
4104.00†	3952.63	-950.91	-391.21	4095.00	3825.69	-830.05	-965.87	76.36	600.79	42.99	14.19	PASS
4204.00†	4048.00	-978.72	-402.65	4193.70	3915.70	-860.76	-992.21	75.77	615.63	43.92	14.23	PASS
4304.00†	4143.37	-1006.52	-414.09	4292.39	4005.72	-891.48	-1018.56	75.20	630.52	44.86	14.26	PASS
4404.00†	4238.75	-1034.33	-425.53	4391.09	4095.74	-922.19	-1044.90	74.66	645.48	45.82	14.29	PASS
4504.00†	4334.12	-1062.13	-436.97	4489.78	4185.76	-952.91	-1071.25	74.14	660.49	46.80	14.31	PASS
4604.00†	4429.49	-1089.94	-448.41	4588.48	4275.77	-983.62	-1097.59	73.65	675.55	47.80	14.33	PASS
4704.00†	4524.87	-1117.74	-459.85	4687.17	4365.79	-1014.34	-1123.94	73.18	690.66	48.81	14.34	PASS
4804.00†	4620.24	-1145.55	-471.29	4785.87	4455.81	-1045.05	-1150.28	72.72	705.81	49.83	14.35	PASS
4904.00†	4715.61	-1173.35	-482.73	4884.56	4545.83	-1075.76	-1176.63	72.29	721.01	50.87	14.36	PASS
5004.00†	4810.99	-1201.16	-494.16	4983.26	4635.85	-1106.48	-1202.97	71.88	736.24	51.92	14.36	PASS
5104.00†	4906.36	-1228.96	-505.60	5081.95	4725.86	-1137.19	-1229.32	71.48	751.51	52.98	14.36	PASS
5204.00†	5001.73	-1256.76	-517.04	5180.64	4815.88	-1167.91	-1255.66	71.09	766.81	54.05	14.36	PASS
5304.00†	5097.11	-1284.57	-528.48	5279.34	4905.90	-1198.62	-1282.01	70.73	782.15	55.13	14.36	PASS
5404.00†	5192.48	-1312.37	-539.92	5378.03	4995.92	-1229.34	-1308.36	70.37	797.51	56.22	14.35	PASS
5504.00†	5287.85	-1340.18	-551.36	5476.73	5085.94	-1260.05	-1334.70	70.03	812.91	57.32	14.35	PASS
5604.00†	5383.23	-1367.98	-562.80	5575.42	5175.95	-1290.76	-1361.05	69.71	828.33	58.43	14.34	PASS
5704.00†	5478.60	-1395.79	-574.24	5674.12	5265.97	-1321.48	-1387.39	69.39	843.77	59.54	14.33	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 20 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
5804.00†	5573.97	-1423.59	-585.68	5772.81	5355.99	-1352.19	-1413.74	69.08	859.24	60.67	14.32	PASS
5904.00†	5669.35	-1451.40	-597.12	5871.51	5446.01	-1382.91	-1440.08	68.79	874.74	61.80	14.31	PASS
6004.00†	5764.72	-1479.20	-608.55	5970.20	5536.02	-1413.62	-1466.43	68.51	890.25	62.93	14.30	PASS
6104.00†	5860.09	-1507.00	-619.99	6068.90	5626.04	-1444.33	-1492.77	68.23	905.79	64.08	14.28	PASS
6204.00†	5955.47	-1534.81	-631.43	6167.59	5716.06	-1475.05	-1519.12	67.97	921.34	65.23	14.27	PASS
6304.00†	6050.84	-1562.61	-642.87	6266.29	5806.08	-1505.76	-1545.46	67.71	936.92	66.38	14.26	PASS
6404.00†	6146.21	-1590.42	-654.31	6259.55	5892.16	-1536.39	-1575.76	67.45	952.50	67.53	14.25	PASS
6504.00†	6241.59	-1618.22	-665.75	6248.99	5972.05	-1567.32	-1606.23	67.19	968.08	68.68	14.24	PASS
6604.00†	6336.96	-1646.03	-677.19	6238.43	6051.94	-1598.25	-1637.10	66.93	983.66	69.83	14.23	PASS
6704.00†	6432.33	-1673.83	-688.63	6227.88	6131.83	-1629.17	-1667.97	66.67	999.24	70.98	14.22	PASS
6804.00†	6527.71	-1701.64	-700.07	6217.33	6211.72	-1661.09	-1698.84	66.41	1014.82	72.13	14.21	PASS
6831.79	6554.21	-1709.36	-703.25	6214.40	6211.69	-1661.09	-1698.84	66.41	1014.82	72.13	14.21	PASS
6904.00†	6622.47	-1729.32	-715.55	6202.73	6291.57	-1692.01	-1729.71	66.15	1030.40	73.28	14.20	PASS
7004.00†	6713.83	-1756.23	-745.70	6173.43	6371.26	-1722.93	-1760.58	65.89	1045.98	74.43	14.19	PASS
7104.00†	6799.47	-1781.68	-790.38	6129.55	6450.95	-1753.85	-1791.45	65.63	1061.56	75.58	14.18	PASS
7204.00†	6877.30	-1805.06	-848.48	6072.18	6530.64	-1784.77	-1822.32	65.37	1077.14	76.73	14.17	PASS
7304.00†	6945.39	-1825.79	-918.57	6002.73	6610.33	-1815.69	-1853.19	65.11	1092.72	77.88	14.16	PASS
7373.23†	6985.93	-1838.31	-973.23	7948.62	6690.02	-1846.61	-1884.06	64.85	1108.30	79.03	14.15	PASS
7375.67†	6987.26	-1838.73	-975.24	7946.47	6688.85	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
7404.00†	7002.07	-1843.35	-998.94	7922.91	6668.60	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
7504.00†	7045.94	-1857.32	-1087.59	7837.61	6648.35	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
7604.00†	7075.92	-1867.35	-1182.36	7757.72	6628.10	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
7704.00†	7091.27	-1873.20	-1280.90	7680.98	6607.85	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
7777.19	7093.00	-1874.74	-1354.01	7626.43	6587.60	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
7804.00†	7092.16	-1874.87	-1380.80	7606.89	6567.35	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
7904.00†	7089.03	-1875.38	-1480.75	7538.38	6547.10	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS
8004.00†	7085.93	-1875.89	-1580.71	7477.04	6526.85	-1846.09	-1883.54	64.85	1108.30	79.03	14.15	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 21 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	2.00	1686.85	110.38	-60.09	24.62	-133.65
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1686.85	110.38	-60.09	24.62	-133.65
8.5in Open Hole	1750.00	17935.49	16185.49	1686.85	N/A	24.62	-133.65	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 22 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	5.00	4.00	0.36	-20.05	-88.96	20.05	1.57	31.65	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	0.36	-20.05	-88.96	20.05	2.20	15.44	PASS
204.00†	204.00	0.00	0.00	205.00	204.00	0.36	-20.05	-88.96	20.05	3.20	8.53	PASS
250.00	250.00	0.00	0.00	251.00	250.00	0.36	-20.05	-88.96	20.05	3.68	7.02	PASS
304.00†	304.00	-0.47	-0.19	305.00	304.00	0.36	-20.05	70.05	19.87	4.25	5.75	PASS
404.00†	403.93	-3.83	-1.57	404.93	403.93	0.36	-20.05	80.43	18.94	5.33	4.12	PASS
454.64†	454.47	-6.76	-2.78	455.48	454.48	0.36	-20.05	90.05	18.68	5.87	3.61	PASS
504.00†	503.67	-10.41	-4.28	504.67	503.67	0.36	-20.05	101.92	19.09	6.44	3.31	PASS
604.00†	603.10	-20.20	-8.31	604.56	603.54	-1.37	-20.84	123.91	22.62	7.88	3.13	PASS
704.00†	702.10	-33.20	-13.66	704.75	703.57	-6.29	-23.09	138.28	28.55	9.57	3.20	PASS
804.00†	800.55	-49.38	-20.32	805.25	803.67	-14.41	-26.80	147.17	35.70	11.21	3.39	PASS
904.00†	898.33	-68.74	-28.28	906.05	903.69	-25.77	-31.98	152.84	43.46	12.76	3.60	PASS
1004.00†	995.32	-91.23	-37.53	1007.17	1003.52	-40.37	-38.65	156.62	51.54	14.22	3.81	PASS
1104.00†	1091.41	-116.85	-48.07	1108.59	1103.02	-58.22	-46.80	159.23	59.78	15.63	4.01	PASS
1124.85	1111.32	-122.58	-50.43	1129.78	1123.72	-62.35	-48.69	159.66	61.51	15.90	4.05	PASS
1204.00†	1186.80	-144.59	-59.48	1210.41	1202.15	-79.35	-56.45	160.81	67.08	16.85	4.16	PASS
1304.00†	1282.18	-172.39	-70.92	1312.22	1300.39	-103.63	-67.54	161.12	71.22	18.01	4.12	PASS
1404.00†	1377.55	-200.19	-82.36	1412.17	1396.53	-128.53	-78.91	161.06	74.21	19.13	4.03	PASS
1504.00†	1472.92	-228.00	-93.80	1512.13	1492.66	-153.44	-90.28	161.01	77.21	20.26	3.95	PASS
1604.00†	1568.30	-255.80	-105.24	1612.08	1588.79	-178.34	-101.66	160.96	80.20	21.43	3.87	PASS
1704.00†	1663.67	-283.61	-116.68	1712.04	1684.92	-203.25	-113.03	160.91	83.20	22.60	3.80	PASS
1804.00†	1759.04	-311.41	-128.12	1811.99	1781.05	-228.16	-124.40	160.87	86.20	22.94	3.84	PASS
1904.00†	1854.42	-339.22	-139.56	1911.95	1877.18	-253.06	-135.77	160.82	89.19	23.02	3.97	PASS
2004.00†	1949.79	-367.02	-151.00	2011.90	1973.32	-277.97	-147.15	160.79	92.19	23.16	4.07	PASS
2104.00†	2045.16	-394.83	-162.43	2111.86	2069.45	-302.87	-158.52	160.75	95.18	23.36	4.17	PASS
2204.00†	2140.54	-422.63	-173.87	2211.81	2165.58	-327.78	-169.89	160.72	98.18	23.63	4.25	PASS
2304.00†	2235.91	-450.43	-185.31	2311.77	2261.71	-352.69	-181.27	160.69	101.18	23.95	4.32	PASS
2404.00†	2331.28	-478.24	-196.75	2411.72	2357.84	-377.59	-192.64	160.66	104.17	24.34	4.38	PASS
2504.00†	2426.66	-506.04	-208.19	2511.68	2453.98	-402.50	-204.01	160.63	107.17	24.78	4.42	PASS
2604.00†	2522.03	-533.85	-219.63	2611.63	2550.11	-427.41	-215.39	160.60	110.16	25.27	4.46	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 23 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
2704.00†	2617.40	-561.65	-231.07	2711.59	2646.24	-452.31	-226.76	160.57	113.16	25.81	4.48	PASS
2804.00†	2712.78	-589.46	-242.51	2811.54	2742.37	-477.22	-238.13	160.55	116.16	26.39	4.50	PASS
2904.00†	2808.15	-617.26	-253.95	2911.50	2838.50	-502.12	-249.51	160.53	119.15	27.02	4.50	PASS
3004.00†	2903.52	-645.07	-265.38	3011.45	2934.64	-527.03	-260.88	160.51	122.15	27.69	4.50	PASS
3104.00†	2998.90	-672.87	-276.82	3111.41	3030.77	-551.94	-272.25	160.49	125.15	28.39	4.50	PASS
3204.00†	3094.27	-700.67	-288.26	3211.36	3126.90	-576.84	-283.63	160.47	128.14	29.13	4.48	PASS
3304.00†	3189.64	-728.48	-299.70	3311.32	3223.03	-601.75	-295.00	160.45	131.14	29.90	4.47	PASS
3404.00†	3285.02	-756.28	-311.14	3411.27	3319.16	-626.66	-306.37	160.43	134.14	30.70	4.45	PASS
3504.00†	3380.39	-784.09	-322.58	3511.23	3415.30	-651.56	-317.75	160.41	137.13	31.53	4.43	PASS
3604.00†	3475.76	-811.89	-334.02	3611.18	3511.43	-676.47	-329.12	160.40	140.13	32.38	4.40	PASS
3704.00†	3571.14	-839.70	-345.46	3711.14	3607.56	-701.37	-340.49	160.38	143.12	33.25	4.38	PASS
3804.00†	3666.51	-867.50	-356.90	3811.09	3703.69	-726.28	-351.87	160.37	146.12	34.15	4.35	PASS
3904.00†	3761.88	-895.31	-368.34	3911.05	3799.82	-751.19	-363.24	160.35	149.12	35.06	4.32	PASS
4004.00†	3857.26	-923.11	-379.77	4011.00	3895.96	-776.09	-374.61	160.34	152.11	36.00	4.29	PASS
4104.00†	3952.63	-950.91	-391.21	4110.96	3992.09	-801.00	-385.99	160.32	155.11	36.95	4.26	PASS
4204.00†	4048.00	-978.72	-402.65	4210.91	4088.22	-825.90	-397.36	160.31	158.11	37.91	4.23	PASS
4304.00†	4143.37	-1006.52	-414.09	4310.87	4184.35	-850.81	-408.73	160.30	161.10	38.89	4.20	PASS
4404.00†	4238.75	-1034.33	-425.53	4410.82	4280.48	-875.72	-420.10	160.29	164.10	39.88	4.17	PASS
4504.00†	4334.12	-1062.13	-436.97	4510.78	4376.62	-900.62	-431.48	160.28	167.10	40.88	4.14	PASS
4604.00†	4429.49	-1089.94	-448.41	4610.73	4472.75	-925.53	-442.85	160.26	170.09	41.90	4.11	PASS
4704.00†	4524.87	-1117.74	-459.85	4710.69	4568.88	-950.44	-454.22	160.25	173.09	42.92	4.08	PASS
4804.00†	4620.24	-1145.55	-471.29	4810.64	4665.01	-975.34	-465.60	160.24	176.09	43.96	4.05	PASS
4904.00†	4715.61	-1173.35	-482.73	4910.60	4761.14	-1000.25	-476.97	160.23	179.08	45.00	4.03	PASS
5004.00†	4810.99	-1201.16	-494.16	5010.55	4857.28	-1025.15	-488.34	160.22	182.08	46.06	4.00	PASS
5104.00†	4906.36	-1228.96	-505.60	5110.51	4953.41	-1050.06	-499.72	160.21	185.08	47.12	3.97	PASS
5204.00†	5001.73	-1256.76	-517.04	5210.46	5049.54	-1074.97	-511.09	160.21	188.07	48.18	3.95	PASS
5304.00†	5097.11	-1284.57	-528.48	5310.42	5145.67	-1099.87	-522.46	160.20	191.07	49.26	3.92	PASS
5404.00†	5192.48	-1312.37	-539.92	5410.37	5241.80	-1124.78	-533.84	160.19	194.07	50.34	3.90	PASS
5504.00†	5287.85	-1340.18	-551.36	5510.33	5337.94	-1149.68	-545.21	160.18	197.06	51.42	3.87	PASS
5604.00†	5383.23	-1367.98	-562.80	5610.29	5434.07	-1174.59	-556.58	160.17	200.06	52.52	3.85	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 24 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
5704.00†	5478.60	-1395.79	-574.24	5710.24	5530.20	-1199.50	-567.96	160.16	203.06	53.61	3.82	PASS
5804.00†	5573.97	-1423.59	-585.68	5810.20	5626.33	-1224.40	-579.33	160.16	206.05	54.72	3.80	PASS
5904.00†	5669.35	-1451.40	-597.12	5910.15	5722.46	-1249.31	-590.70	160.15	209.05	55.82	3.78	PASS
6004.00†	5764.72	-1479.20	-608.55	6010.11	5818.59	-1274.22	-602.08	160.14	212.04	56.93	3.76	PASS
6104.00†	5860.09	-1507.00	-619.99	6110.06	5914.73	-1299.12	-613.45	160.14	215.04	58.05	3.74	PASS
6204.00†	5955.47	-1534.81	-631.43	6210.02	6010.86	-1324.03	-624.82	160.13	218.04	59.17	3.72	PASS
6304.00†	6050.84	-1562.61	-642.87	6309.97	6106.99	-1348.93	-636.20	160.12	221.03	60.29	3.70	PASS
6404.00†	6146.21	-1590.42	-654.31	6409.93	6203.12	-1373.84	-647.57	160.12	224.03	61.42	3.68	PASS
6504.00†	6241.59	-1618.22	-665.75	6509.88	6299.25	-1398.75	-658.94	160.11	227.03	62.55	3.66	PASS
6604.00†	6336.96	-1646.03	-677.19	6609.84	6395.39	-1423.65	-670.32	160.10	230.02	63.68	3.64	PASS
6704.00†	6432.33	-1673.83	-688.63	6709.79	6491.52	-1448.56	-681.69	160.10	233.02	64.81	3.62	PASS
6804.00†	6527.71	-1701.64	-700.07	6809.75	6587.65	-1473.47	-693.06	160.09	236.02	65.95	3.61	PASS
6831.79	6554.21	-1709.36	-703.25	6837.53	6614.37	-1480.39	-696.22	160.09	236.85	66.27	3.60	PASS
6904.00†	6622.47	-1729.32	-715.55	6909.54	6683.63	-1498.33	-704.42	144.63	239.21	67.08	3.59	PASS
7004.00†	6713.83	-1756.23	-745.70	7011.17	6780.70	-1523.54	-720.38	133.59	243.42	68.22	3.60	PASS
7104.00†	6799.47	-1781.68	-790.38	7116.07	6877.08	-1548.79	-752.82	128.45	248.34	69.38	3.61	PASS
7204.00†	6877.30	-1805.06	-848.48	7223.73	6969.20	-1573.18	-802.64	126.20	253.61	70.51	3.62	PASS
7304.00†	6945.39	-1825.79	-918.57	7334.10	7053.77	-1595.85	-869.60	125.39	258.88	71.60	3.64	PASS
7404.00†	7002.07	-1843.35	-998.94	7447.02	7127.34	-1615.90	-952.69	125.27	263.76	72.64	3.66	PASS
7504.00†	7045.94	-1857.32	-1087.59	7562.17	7186.50	-1632.43	-1049.91	125.44	267.87	73.67	3.66	PASS
7604.00†	7075.92	-1867.35	-1182.36	7679.09	7228.20	-1644.61	-1158.27	125.67	270.90	74.83	3.65	PASS
7704.00†	7091.27	-1873.20	-1280.90	7797.16	7250.12	-1651.80	-1273.90	125.83	272.59	76.22	3.60	PASS
7777.19	7093.00	-1874.74	-1354.01	7883.06	7252.88	-1653.65	-1359.67	125.88	272.90	77.42	3.55	PASS
7804.00†	7092.16	-1874.87	-1380.80	7909.86	7252.17	-1653.82	-1386.46	125.91	272.95	77.83	3.53	PASS
7904.00†	7089.03	-1875.38	-1480.75	8009.83	7249.55	-1654.48	-1486.39	126.01	273.12	79.41	3.46	PASS
8004.00†	7085.93	-1875.89	-1580.71	8109.79	7246.96	-1655.14	-1586.32	126.12	273.30	81.07	3.39	PASS
8104.00†	7082.86	-1876.40	-1680.66	8209.76	7244.40	-1655.80	-1686.25	126.22	273.48	82.81	3.32	PASS
8204.00†	7079.83	-1876.93	-1780.61	8309.73	7241.86	-1656.47	-1786.18	126.32	273.65	84.59	3.25	PASS
8304.00†	7076.83	-1877.45	-1880.56	8409.69	7239.34	-1657.14	-1886.11	126.42	273.83	86.50	3.18	PASS
8404.00†	7073.85	-1877.99	-1980.52	8509.66	7236.85	-1657.81	-1986.05	126.52	274.00	88.45	3.11	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 25 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
8504.00†	7070.91	-1878.52	-2080.47	8609.62	7234.39	-1658.49	-2085.98	126.62	274.17	90.45	3.05	PASS
8604.00†	7068.00	-1879.07	-2180.43	8709.58	7231.95	-1659.17	-2185.91	126.71	274.34	92.51	2.98	PASS
8704.00†	7065.12	-1879.62	-2280.39	8809.55	7229.54	-1659.86	-2285.84	126.81	274.51	94.62	2.92	PASS
8804.00†	7062.27	-1880.17	-2380.34	8909.51	7227.16	-1660.55	-2385.78	126.90	274.68	96.78	2.85	PASS
8904.00†	7059.45	-1880.73	-2480.30	9009.48	7224.80	-1661.24	-2485.71	127.00	274.85	98.98	2.79	PASS
9004.00†	7056.67	-1881.29	-2580.26	9109.44	7222.47	-1661.94	-2585.65	127.09	275.02	101.23	2.73	PASS
9104.00†	7053.91	-1881.86	-2680.22	9209.41	7220.16	-1662.64	-2685.58	127.18	275.18	103.51	2.67	PASS
9204.00†	7051.19	-1882.44	-2780.18	9309.37	7217.88	-1663.35	-2785.52	127.27	275.35	105.82	2.61	PASS
9304.00†	7048.49	-1883.02	-2880.15	9409.33	7215.63	-1664.06	-2885.45	127.36	275.51	108.17	2.56	PASS
9404.00†	7045.83	-1883.61	-2980.11	9509.30	7213.40	-1664.77	-2985.39	127.45	275.67	110.55	2.50	PASS
9504.00†	7043.20	-1884.20	-3080.07	9609.26	7211.20	-1665.49	-3085.33	127.53	275.83	112.96	2.45	PASS
9604.00†	7040.60	-1884.80	-3180.04	9709.23	7209.02	-1666.21	-3185.26	127.62	275.99	115.40	2.40	PASS
9704.00†	7038.03	-1885.40	-3280.00	9809.19	7206.87	-1666.94	-3285.20	127.70	276.15	117.85	2.35	PASS
9804.00†	7035.49	-1886.01	-3379.97	9909.15	7204.75	-1667.67	-3385.14	127.79	276.31	120.34	2.30	PASS
9904.00†	7032.98	-1886.62	-3479.93	10009.12	7202.65	-1668.40	-3485.08	127.87	276.47	122.84	2.26	PASS
10004.00†	7030.51	-1887.24	-3579.90	10109.08	7200.58	-1669.13	-3585.02	127.95	276.62	125.36	2.21	PASS
10104.00†	7028.06	-1887.86	-3679.87	10209.04	7198.53	-1669.88	-3684.96	128.03	276.77	127.90	2.17	PASS
10204.00†	7025.65	-1888.49	-3779.84	10309.01	7196.51	-1670.62	-3784.90	128.11	276.92	130.46	2.13	PASS
10304.00†	7023.27	-1889.13	-3879.81	10408.97	7194.52	-1671.37	-3884.84	128.19	277.07	133.04	2.09	PASS
10404.00†	7020.91	-1889.77	-3979.78	10508.93	7192.55	-1672.12	-3984.78	128.26	277.22	135.63	2.05	PASS
10504.00†	7018.59	-1890.41	-4079.75	10608.90	7190.61	-1672.88	-4084.72	128.34	277.37	138.23	2.01	PASS
10604.00†	7016.30	-1891.06	-4179.72	10708.86	7188.69	-1673.64	-4184.66	128.41	277.52	140.85	1.98	PASS
10704.00†	7014.04	-1891.72	-4279.69	10808.82	7186.80	-1674.40	-4284.60	128.49	277.66	143.48	1.94	PASS
10804.00†	7011.82	-1892.38	-4379.67	10908.78	7184.93	-1675.17	-4384.55	128.56	277.80	146.12	1.91	PASS
10904.00†	7009.62	-1893.05	-4479.64	11008.75	7183.10	-1675.94	-4484.49	128.63	277.94	148.77	1.87	PASS
11004.00†	7007.45	-1893.72	-4579.61	11108.71	7181.28	-1676.72	-4584.43	128.70	278.08	151.44	1.84	PASS
11104.00†	7005.32	-1894.40	-4679.59	11208.67	7179.50	-1677.49	-4684.38	128.77	278.22	154.11	1.81	PASS
11204.00†	7003.22	-1895.08	-4779.57	11308.63	7177.74	-1678.28	-4784.32	128.84	278.36	156.79	1.78	PASS
11304.00†	7001.14	-1895.77	-4879.54	11408.60	7176.00	-1679.06	-4884.26	128.90	278.49	159.48	1.75	PASS
11404.00†	6999.10	-1896.46	-4979.52	11508.56	7174.29	-1679.86	-4984.21	128.97	278.62	162.18	1.72	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 26 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
11504.00†	6997.09	-1897.16	-5079.50	11608.52	7172.61	-1680.65	-5084.15	129.03	278.76	164.88	1.69	PASS
11604.00†	6995.11	-1897.86	-5179.47	11708.48	7170.95	-1681.45	-5184.10	129.10	278.89	167.60	1.67	PASS
11704.00†	6993.16	-1898.57	-5279.45	11808.45	7169.32	-1682.25	-5284.04	129.16	279.01	170.32	1.64	PASS
11804.00†	6991.25	-1899.29	-5379.43	11908.41	7167.72	-1683.06	-5383.99	129.22	279.14	173.04	1.62	PASS
11904.00†	6989.36	-1900.01	-5479.41	12008.37	7166.14	-1683.87	-5483.94	129.28	279.26	175.78	1.59	PASS
12004.00†	6987.50	-1900.74	-5579.39	12108.33	7164.59	-1684.68	-5583.88	129.34	279.39	178.52	1.57	PASS
12104.00†	6985.68	-1901.47	-5679.37	12208.29	7163.06	-1685.50	-5683.83	129.40	279.51	181.26	1.54	PASS
12204.00†	6983.89	-1902.20	-5779.35	12308.26	7161.56	-1686.32	-5783.78	129.46	279.63	184.01	1.52	PASS
12304.00†	6982.12	-1902.94	-5879.33	12408.22	7160.09	-1687.15	-5883.72	129.51	279.75	186.76	1.50	PASS
12404.00†	6980.39	-1903.69	-5979.32	12508.18	7158.64	-1687.98	-5983.67	129.57	279.86	189.52	1.48	PASS
12504.00†	6978.69	-1904.44	-6079.30	12608.14	7157.22	-1688.81	-6083.62	129.62	279.98	192.29	1.46	PASS
12604.00†	6977.02	-1905.20	-6179.28	12708.10	7155.82	-1689.65	-6183.57	129.68	280.09	195.05	1.44	PASS
12704.00†	6975.39	-1905.97	-6279.27	12808.06	7154.45	-1690.49	-6283.52	129.73	280.20	197.83	1.42	PASS
12804.00†	6973.78	-1906.73	-6379.25	12908.02	7153.10	-1691.34	-6383.47	129.78	280.31	200.60	1.40	PASS
12904.00†	6972.20	-1907.51	-6479.23	13007.99	7151.79	-1692.19	-6483.41	129.83	280.41	203.38	1.38	PASS
13004.00†	6970.66	-1908.29	-6579.22	13107.95	7150.49	-1693.04	-6583.36	129.88	280.52	206.17	1.36	PASS
13104.00†	6969.14	-1909.07	-6679.21	13207.91	7149.23	-1693.90	-6683.31	129.93	280.62	208.95	1.34	PASS
13204.00†	6967.66	-1909.86	-6779.19	13307.87	7147.99	-1694.76	-6783.26	129.97	280.72	211.74	1.33	PASS
13304.00†	6966.21	-1910.66	-6879.18	13407.83	7146.77	-1695.62	-6883.21	130.02	280.82	214.54	1.31	PASS
13404.00†	6964.79	-1911.46	-6979.16	13507.79	7145.58	-1696.49	-6983.16	130.06	280.92	217.34	1.29	PASS
13504.00†	6963.40	-1912.27	-7079.15	13607.75	7144.42	-1697.36	-7083.11	130.11	281.01	220.14	1.28	PASS
13604.00†	6962.04	-1913.08	-7179.14	13707.71	7143.28	-1698.24	-7183.06	130.15	281.10	222.94	1.26	PASS
13704.00†	6960.71	-1913.90	-7279.13	13807.67	7142.17	-1699.12	-7283.01	130.19	281.20	225.74	1.25	PASS
13804.00†	6959.42	-1914.72	-7379.11	13907.64	7141.09	-1700.00	-7382.97	130.23	281.28	228.55	1.23	PASS
13904.00†	6958.15	-1915.55	-7479.10	14007.60	7140.03	-1700.89	-7482.92	130.27	281.37	231.37	1.22	PASS
14004.00†	6956.92	-1916.38	-7579.09	14107.56	7139.00	-1701.78	-7582.87	130.31	281.46	234.18	1.20	PASS
14104.00†	6955.71	-1917.22	-7679.08	14207.52	7137.99	-1702.68	-7682.82	130.35	281.54	237.00	1.19	PASS
14204.00†	6954.54	-1918.06	-7779.07	14307.48	7137.01	-1703.58	-7782.77	130.39	281.62	239.82	1.17	PASS
14304.00†	6953.40	-1918.91	-7879.06	14407.44	7136.06	-1704.48	-7882.72	130.42	281.70	242.64	1.16	PASS
14404.00†	6952.29	-1919.77	-7979.05	14507.40	7135.13	-1705.39	-7982.68	130.46	281.78	245.46	1.15	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 27 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
14504.00†	6951.21	-1920.62	-8079.04	14607.36	7134.22	-1706.30	-8082.63	130.49	281.85	248.29	1.14	PASS
14604.00†	6950.16	-1921.49	-8179.03	14707.32	7133.35	-1707.22	-8182.58	130.53	281.93	251.12	1.12	PASS
14704.00†	6949.15	-1922.36	-8279.02	14807.28	7132.50	-1708.14	-8282.53	130.56	282.00	253.95	1.11	PASS
14804.00†	6948.16	-1923.24	-8379.01	14907.24	7131.67	-1709.06	-8382.49	130.59	282.06	256.78	1.10	PASS
14904.00†	6947.21	-1924.12	-8479.01	15007.20	7130.87	-1709.99	-8482.44	130.62	282.13	259.62	1.09	PASS
15004.00†	6946.28	-1925.01	-8579.00	15107.16	7130.10	-1710.92	-8582.39	130.65	282.20	262.46	1.08	PASS
15104.00†	6945.39	-1925.90	-8678.99	15207.12	7129.35	-1711.85	-8682.35	130.68	282.26	265.30	1.06	PASS
15204.00†	6944.53	-1926.80	-8778.98	15307.08	7128.63	-1712.79	-8782.30	130.70	282.32	268.14	1.05	PASS
15304.00†	6943.70	-1927.70	-8878.97	15407.04	7127.94	-1713.73	-8882.25	130.73	282.38	270.98	1.04	PASS
15404.00†	6942.90	-1928.61	-8978.97	15507.00	7127.27	-1714.68	-8982.21	130.75	282.43	273.83	1.03	PASS
15504.00†	6942.13	-1929.52	-9078.96	15606.96	7126.63	-1715.63	-9082.16	130.78	282.49	276.68	1.02	PASS
15604.00†	6941.39	-1930.44	-9178.95	15706.92	7126.01	-1716.58	-9182.11	130.80	282.54	279.53	1.01	PASS
15704.00†	6940.69	-1931.36	-9278.95	15806.88	7125.42	-1717.54	-9282.07	130.82	282.59	282.38	1.00	PASS
15804.00†	6940.01	-1932.29	-9378.94	15906.84	7124.86	-1718.50	-9382.02	130.85	282.64	285.24	0.99	FAIL
15904.00†	6939.37	-1933.23	-9478.93	16006.80	7124.32	-1719.47	-9481.98	130.87	282.68	288.09	0.98	FAIL
16004.00†	6938.75	-1934.17	-9578.93	16106.76	7123.80	-1720.44	-9581.93	130.88	282.73	290.95	0.97	FAIL
16104.00†	6938.17	-1935.11	-9678.92	16206.73	7123.32	-1721.41	-9681.88	130.90	282.77	293.82	0.96	FAIL
16204.00†	6937.62	-1936.07	-9778.92	16306.69	7122.86	-1722.39	-9781.84	130.92	282.81	296.68	0.95	FAIL
16304.00†	6937.10	-1937.02	-9878.91	16406.65	7122.42	-1723.37	-9881.79	130.94	282.84	299.55	0.94	FAIL
16404.00†	6936.61	-1937.98	-9978.90	16506.61	7122.01	-1724.35	-9981.75	130.95	282.88	302.41	0.94	FAIL
16504.00†	6936.15	-1938.95	-10078.90	16606.57	7121.63	-1725.34	-10081.70	130.97	282.91	305.28	0.93	FAIL
16604.00†	6935.73	-1939.92	-10178.89	16706.53	7121.27	-1726.33	-10181.66	130.98	282.94	308.16	0.92	FAIL
16704.00†	6935.33	-1940.90	-10278.89	16806.49	7120.94	-1727.33	-10281.61	130.99	282.97	311.03	0.91	FAIL
16804.00†	6934.96	-1941.89	-10378.88	16906.45	7120.64	-1728.33	-10381.56	131.00	283.00	313.91	0.90	FAIL
16904.00†	6934.63	-1942.87	-10478.88	17006.41	7120.36	-1729.34	-10481.52	131.01	283.02	316.79	0.89	FAIL
17004.00†	6934.33	-1943.87	-10578.87	17106.37	7120.11	-1730.34	-10581.47	131.02	283.04	319.67	0.89	FAIL
17104.00†	6934.06	-1944.87	-10678.86	17206.33	7119.88	-1731.36	-10681.43	131.03	283.06	322.55	0.88	FAIL
17204.00†	6933.82	-1945.87	-10778.86	17306.29	7119.68	-1732.37	-10781.38	131.04	283.08	325.44	0.87	FAIL
17304.00†	6933.61	-1946.88	-10878.85	17406.25	7119.50	-1733.39	-10881.34	131.05	283.09	328.33	0.86	FAIL
17404.00†	6933.43	-1947.90	-10978.85	17506.21	7119.35	-1734.42	-10981.29	131.05	283.11	331.22	0.85	FAIL

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 28 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
17504.00†	6933.28	-1948.92	-11078.84	17606.16	7119.23	-1735.44	-11081.25	131.06	283.12	334.11	0.85	FAIL
17604.00†	6933.16	-1949.94	-11178.84	17706.12	7119.14	-1736.48	-11181.20	131.06	283.13	337.00	0.84	FAIL
17704.00†	6933.08	-1950.98	-11278.83	17806.08	7119.06	-1737.51	-11281.16	131.06	283.13	339.90	0.83	FAIL
17804.00†	6933.02	-1952.01	-11378.83	17906.04	7119.02	-1738.55	-11381.11	131.07	283.14	342.80	0.83	FAIL
17904.00†	6933.00	-1953.06	-11478.82	18006.00	7119.00	-1739.59	-11481.06	131.07	283.14	345.70	0.82	FAIL
17928.87	6933.00	-1953.32	-11503.69	18030.86	7119.00	-1739.85	-11505.92	131.07	283.14	346.43	0.82	FAIL
18004.00†	6933.00	-1954.10	-11578.82	18106.00	7119.00	-1740.64	-11581.05	131.07	283.14	348.61	0.81	FAIL
18026.52†	6933.00	-1954.34	-11601.33	18128.51	7119.00	-1740.87	-11603.56	131.07	283.14	349.26	0.81	FAIL
18028.85	6933.00	-1954.36	-11603.67	18128.51	7119.00	-1740.87	-11603.56	131.07	283.15	348.83	0.81	FAIL

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-C.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 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-C.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	1721.43	0.22	-12.22	-64.72	-41.88
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1721.43	0.22	-12.22	-64.72	-41.88
8.5in Open Hole	1750.00	18128.51	16378.51	1721.43	7119.00	-64.72	-41.88	-530.50	-3542.88



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 29 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

SURVEY PROGRAM - Offset Wellbore: BOST FARM 33C-11-L PWB Offset Wellpath: BOST FARM 33C-11-L (REV-C.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 33C-11-L PWB
1750.00	18128.51	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-C.0) PWP	
MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 30 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	4.00	4.00	0.00	20.05	90.00	20.05	1.56	31.81	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	0.00	20.05	90.00	20.05	2.20	15.50	PASS
204.00†	204.00	0.00	0.00	204.00	204.00	0.00	20.05	90.00	20.05	3.20	8.55	PASS
250.00	250.00	0.00	0.00	250.00	250.00	0.00	20.05	90.00	20.05	3.68	7.03	PASS
304.00†	304.00	-0.47	-0.19	304.01	304.01	0.00	20.05	-113.68	20.25	4.25	5.87	PASS
404.00†	403.93	-3.83	-1.57	404.29	404.27	-1.78	19.38	-117.96	21.06	5.42	4.51	PASS
504.00†	503.67	-10.41	-4.28	504.63	504.46	-6.83	17.47	-121.74	22.06	6.80	3.61	PASS
604.00†	603.10	-20.20	-8.31	605.03	604.46	-15.18	14.32	-125.01	23.22	8.21	3.07	PASS
704.00†	702.10	-33.20	-13.66	705.49	704.14	-26.80	9.93	-127.78	24.53	9.65	2.71	PASS
804.00†	800.55	-49.38	-20.32	806.02	803.39	-41.70	4.31	-130.09	25.96	11.11	2.46	PASS
904.00†	898.33	-68.74	-28.28	906.60	902.07	-59.86	-2.54	-131.98	27.48	12.61	2.28	PASS
1004.00†	995.32	-91.23	-37.53	1007.23	1000.07	-81.26	-10.61	-133.51	29.10	14.16	2.13	PASS
1104.00†	1091.41	-116.85	-48.07	1107.93	1097.26	-105.89	-19.90	-134.71	30.79	15.76	2.02	PASS
1124.85	1111.32	-122.58	-50.43	1128.93	1117.41	-111.42	-21.99	-134.92	31.15	16.10	1.99	PASS
1204.00†	1186.80	-144.59	-59.48	1208.68	1193.52	-133.70	-30.40	-134.25	31.77	17.33	1.88	PASS
1304.00†	1282.18	-172.39	-70.92	1308.92	1288.42	-163.91	-41.80	-130.05	30.97	19.03	1.66	PASS
1404.00†	1377.55	-200.19	-82.36	1408.89	1382.98	-194.25	-53.25	-125.27	30.21	20.96	1.46	PASS
1504.00†	1472.92	-228.00	-93.80	1508.85	1477.54	-224.58	-64.69	-120.29	29.67	23.10	1.30	PASS
1604.00†	1568.30	-255.80	-105.24	1608.82	1572.10	-254.92	-76.14	-115.16	29.36	25.41	1.16	PASS
1704.00†	1663.67	-283.61	-116.68	1708.78	1666.66	-285.26	-87.59	-109.97	29.29	27.81	1.06	PASS
1804.00†	1759.04	-311.41	-128.12	1808.75	1761.22	-315.59	-99.03	-104.79	29.46	28.91	1.02	PASS
1904.00†	1854.42	-339.22	-139.56	1908.71	1855.78	-345.93	-110.48	-99.71	29.87	29.18	1.02	PASS
2004.00†	1949.79	-367.02	-151.00	2008.68	1950.34	-376.27	-121.93	-94.81	30.51	29.41	1.04	PASS
2104.00†	2045.16	-394.83	-162.43	2108.64	2044.90	-406.60	-133.38	-90.14	31.36	29.61	1.06	PASS
2204.00†	2140.54	-422.63	-173.87	2208.61	2139.46	-436.94	-144.82	-85.74	32.40	29.79	1.09	PASS
2304.00†	2235.91	-450.43	-185.31	2308.57	2234.02	-467.28	-156.27	-81.64	33.63	29.97	1.13	PASS
2404.00†	2331.28	-478.24	-196.75	2408.54	2328.58	-497.62	-167.72	-77.85	35.01	30.15	1.17	PASS
2504.00†	2426.66	-506.04	-208.19	2508.50	2423.14	-527.95	-179.17	-74.36	36.54	30.35	1.21	PASS
2604.00†	2522.03	-533.85	-219.63	2608.46	2517.70	-558.29	-190.61	-71.16	38.19	30.59	1.25	PASS
2704.00†	2617.40	-561.65	-231.07	2708.43	2612.26	-588.63	-202.06	-68.23	39.94	30.87	1.30	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 31 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
2804.00†	2712.78	-589.46	-242.51	2808.39	2706.82	-618.96	-213.51	-65.56	41.80	31.19	1.35	PASS
2904.00†	2808.15	-617.26	-253.95	2908.36	2801.38	-649.30	-224.95	-63.11	43.74	31.56	1.39	PASS
3004.00†	2903.52	-645.07	-265.38	3008.32	2895.94	-679.64	-236.40	-60.88	45.75	31.98	1.44	PASS
3104.00†	2998.90	-672.87	-276.82	3108.29	2990.50	-709.98	-247.85	-58.84	47.82	32.45	1.48	PASS
3204.00†	3094.27	-700.67	-288.26	3208.25	3085.06	-740.31	-259.30	-56.97	49.95	32.97	1.53	PASS
3304.00†	3189.64	-728.48	-299.70	3308.22	3179.62	-770.65	-270.74	-55.26	52.13	33.54	1.57	PASS
3404.00†	3285.02	-756.28	-311.14	3408.18	3274.18	-800.99	-282.19	-53.68	54.35	34.15	1.60	PASS
3504.00†	3380.39	-784.09	-322.58	3508.15	3368.74	-831.32	-293.64	-52.23	56.61	34.81	1.64	PASS
3604.00†	3475.76	-811.89	-334.02	3608.11	3463.30	-861.66	-305.08	-50.89	58.90	35.50	1.67	PASS
3704.00†	3571.14	-839.70	-345.46	3708.08	3557.86	-892.00	-316.53	-49.65	61.22	36.23	1.70	PASS
3804.00†	3666.51	-867.50	-356.90	3808.04	3652.42	-922.34	-327.98	-48.51	63.57	37.00	1.73	PASS
3904.00†	3761.88	-895.31	-368.34	3908.00	3746.98	-952.67	-339.43	-47.44	65.95	37.80	1.76	PASS
4004.00†	3857.26	-923.11	-379.77	4007.97	3841.54	-983.01	-350.87	-46.45	68.34	38.62	1.78	PASS
4104.00†	3952.63	-950.91	-391.21	4107.93	3936.10	-1013.35	-362.32	-45.53	70.75	39.48	1.81	PASS
4204.00†	4048.00	-978.72	-402.65	4207.90	4030.66	-1043.68	-373.77	-44.67	73.18	40.35	1.83	PASS
4304.00†	4143.37	-1006.52	-414.09	4307.86	4125.22	-1074.02	-385.22	-43.86	75.63	41.25	1.85	PASS
4404.00†	4238.75	-1034.33	-425.53	4407.83	4219.78	-1104.36	-396.66	-43.10	78.09	42.18	1.87	PASS
4504.00†	4334.12	-1062.13	-436.97	4507.79	4314.34	-1134.69	-408.11	-42.39	80.56	43.12	1.88	PASS
4604.00†	4429.49	-1089.94	-448.41	4607.76	4408.90	-1165.03	-419.56	-41.73	83.04	44.08	1.90	PASS
4704.00†	4524.87	-1117.74	-459.85	4707.72	4503.46	-1195.37	-431.00	-41.10	85.54	45.05	1.91	PASS
4804.00†	4620.24	-1145.55	-471.29	4807.69	4598.01	-1225.71	-442.45	-40.51	88.04	46.05	1.93	PASS
4904.00†	4715.61	-1173.35	-482.73	4907.65	4692.57	-1256.04	-453.90	-39.95	90.55	47.05	1.94	PASS
5004.00†	4810.99	-1201.16	-494.16	5007.62	4787.13	-1286.38	-465.35	-39.42	93.07	48.07	1.95	PASS
5104.00†	4906.36	-1228.96	-505.60	5107.58	4881.69	-1316.72	-476.79	-38.91	95.60	49.10	1.96	PASS
5204.00†	5001.73	-1256.76	-517.04	5207.54	4976.25	-1347.05	-488.24	-38.44	98.14	50.14	1.97	PASS
5304.00†	5097.11	-1284.57	-528.48	5307.51	5070.81	-1377.39	-499.69	-37.99	100.68	51.19	1.98	PASS
5404.00†	5192.48	-1312.37	-539.92	5407.47	5165.37	-1407.73	-511.13	-37.56	103.23	52.26	1.99	PASS
5504.00†	5287.85	-1340.18	-551.36	5507.44	5259.93	-1438.07	-522.58	-37.15	105.78	53.33	2.00	PASS
5604.00†	5383.23	-1367.98	-562.80	5607.40	5354.49	-1468.40	-534.03	-36.76	108.34	54.41	2.00	PASS
5704.00†	5478.60	-1395.79	-574.24	5707.37	5449.05	-1498.74	-545.48	-36.39	110.90	55.49	2.01	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 32 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	
5804.00†	5573.97	-1423.59	-585.68	5807.33	5543.61	-1529.08	-556.92	-36.03	113.47	56.59	2.02	PASS	
5904.00†	5669.35	-1451.40	-597.12	5907.30	5638.17	-1559.41	-568.37	-35.69	116.04	57.69	2.02	PASS	
6004.00†	5764.72	-1479.20	-608.55	6007.26	5732.73	-1589.75	-579.82	-35.37	118.62	58.80	2.03	PASS	
6104.00†	5860.09	-1507.00	-619.99	6107.23	5827.29	-1620.09	-591.26	-35.06	121.20	59.91	2.04	PASS	
6204.00†	5955.47	-1534.81	-631.43	6207.19	5921.85	-1650.42	-602.71	-34.76	123.78	61.03	2.04	PASS	
6304.00†	6050.84	-1562.61	-642.87	6307.16	6016.41	-1680.76	-614.16	-34.47	126.37	62.15	2.05	PASS	
6404.00†	6146.21	-1590.42	-654.31	6407.12	6110.97	-1711.10	-625.61	-34.20	128.96	63.28	2.05	PASS	
6504.00†	6241.59	-1618.22	-665.75	6507.08	6205.53	-1741.44	-637.05	-33.94	131.55	64.42	2.05	PASS	
6604.00†	6336.96	-1646.03	-677.19	6607.05	6300.09	-1771.77	-648.50	-33.68	134.14	65.55	2.06	PASS	
6704.00†	6432.33	-1673.83	-688.63	6707.01	6394.65	-1802.11	-659.95	-33.44	136.74	66.70	2.06	PASS	
6804.00†	6527.71	-1701.64	-700.07	6806.98	6489.21	-1832.45	-671.40	-33.21	139.34	67.84	2.06	PASS	
6831.79	6554.21	-1709.36	-703.25	6834.76	6515.49	-1840.88	-674.58	-33.14	140.06	68.16	2.07	PASS	
6904.00†	6622.47	-1729.32	-715.55	6906.79	6583.63	-1862.74	-682.83	-50.57	142.76	69.07	2.08	PASS	
7004.00†	6713.83	-1756.23	-745.70	7004.83	6676.36	-1892.49	-694.05	-70.87	150.46	70.65	2.14	PASS	
7104.00†	6799.47	-1781.68	-790.38	7101.68	6767.93	-1921.87	-705.55	-88.41	166.87	72.76	2.31	PASS	
7204.00†	6877.30	-1805.06	-848.48	7212.15	6869.97	-1954.85	-731.49	-102.66	190.20	74.93	2.55	PASS	
7304.00†	6945.39	-1825.79	-918.57	7331.82	6973.77	-1988.77	-780.00	-112.88	215.80	76.44	2.84	PASS	
7404.00†	7002.07	-1843.35	-998.94	7461.93	7074.52	-2022.17	-854.86	-120.16	240.80	76.16	3.18	PASS	
7504.00†	7045.94	-1857.32	-1087.59	7603.10	7164.85	-2052.75	-958.55	-125.20	262.65	73.84	3.58	PASS	
7604.00†	7075.92	-1867.35	-1182.36	7754.63	7234.95	-2077.37	-1090.20	-128.40	279.09	69.74	4.03	PASS	
7704.00†	7091.27	-1873.20	-1280.90	7913.90	7274.48	-2092.61	-1243.31	-129.97	288.31	65.01	4.47	PASS	
7777.19	7093.00	-1874.74	-1354.01	8029.33	7279.82	-2096.30	-1358.40	-130.15	289.85	62.30	4.69	PASS	
7804.00†	7092.16	-1874.87	-1380.80	8056.13	7278.97	-2096.49	-1385.18	-130.15	289.88	62.52	4.68	PASS	
7904.00†	7089.03	-1875.38	-1480.75	8156.07	7275.81	-2097.19	-1485.07	-130.11	290.01	63.24	4.63	PASS	
8004.00†	7085.93	-1875.89	-1580.71	8256.01	7272.67	-2097.90	-1584.96	-130.08	290.14	64.11	4.57	PASS	
8104.00†	7082.86	-1876.40	-1680.66	8355.95	7269.57	-2098.61	-1684.85	-130.05	290.26	65.81	4.45	PASS	
8204.00†	7079.83	-1876.93	-1780.61	8455.89	7266.51	-2099.31	-1784.74	-130.03	290.38	66.23	4.42	PASS	
8304.00†	7076.83	-1877.45	-1880.56	8555.84	7263.47	-2100.02	-1884.64	-130.00	290.49	67.48	4.34	PASS	
8404.00†	7073.85	-1877.99	-1980.52	8655.78	7260.46	-2100.73	-1984.53	-129.97	290.61	68.84	4.25	PASS	
8504.00†	7070.91	-1878.52	-2080.47	8755.72	7257.49	-2101.43	-2084.43	-129.94	290.71	70.31	4.17	PASS	

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 33 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
8604.00†	7068.00	-1879.07	-2180.43	8855.66	7254.54	-2102.14	-2184.32	-129.92	290.81	71.88	4.08	PASS
8704.00†	7065.12	-1879.62	-2280.39	8955.60	7251.63	-2102.84	-2284.22	-129.89	290.91	73.54	3.98	PASS
8804.00†	7062.27	-1880.17	-2380.34	9055.55	7248.75	-2103.55	-2384.12	-129.87	291.01	75.29	3.89	PASS
8904.00†	7059.45	-1880.73	-2480.30	9155.49	7245.90	-2104.25	-2484.02	-129.85	291.10	77.12	3.80	PASS
9004.00†	7056.67	-1881.29	-2580.26	9255.43	7243.08	-2104.95	-2583.92	-129.82	291.18	79.03	3.71	PASS
9104.00†	7053.91	-1881.86	-2680.22	9355.37	7240.30	-2105.66	-2683.82	-129.80	291.26	81.00	3.62	PASS
9204.00†	7051.19	-1882.44	-2780.18	9455.31	7237.54	-2106.36	-2783.72	-129.78	291.34	83.05	3.53	PASS
9304.00†	7048.49	-1883.02	-2880.15	9555.25	7234.82	-2107.07	-2883.62	-129.76	291.42	85.15	3.44	PASS
9404.00†	7045.83	-1883.61	-2980.11	9655.20	7232.12	-2107.77	-2983.52	-129.74	291.49	87.31	3.36	PASS
9504.00†	7043.20	-1884.20	-3080.07	9755.14	7229.46	-2108.47	-3083.43	-129.72	291.55	89.52	3.27	PASS
9604.00†	7040.60	-1884.80	-3180.04	9855.08	7226.83	-2109.17	-3183.33	-129.70	291.61	91.78	3.19	PASS
9704.00†	7038.03	-1885.40	-3280.00	9955.02	7224.23	-2109.88	-3283.24	-129.69	291.67	94.09	3.12	PASS
9804.00†	7035.49	-1886.01	-3379.97	10054.96	7221.67	-2110.58	-3383.14	-129.67	291.73	96.44	3.04	PASS
9904.00†	7032.98	-1886.62	-3479.93	10154.91	7219.13	-2111.28	-3483.05	-129.66	291.78	98.82	2.97	PASS
10004.00†	7030.51	-1887.24	-3579.90	10254.85	7216.63	-2111.98	-3582.96	-129.64	291.82	101.25	2.90	PASS
10104.00†	7028.06	-1887.86	-3679.87	10354.79	7214.16	-2112.68	-3682.87	-129.63	291.86	103.70	2.83	PASS
10204.00†	7025.65	-1888.49	-3779.84	10454.73	7211.71	-2113.39	-3782.78	-129.61	291.90	106.19	2.76	PASS
10304.00†	7023.27	-1889.13	-3879.81	10554.67	7209.30	-2114.09	-3882.69	-129.60	291.93	108.70	2.70	PASS
10404.00†	7020.91	-1889.77	-3979.78	10654.62	7206.93	-2114.79	-3982.60	-129.59	291.96	111.24	2.63	PASS
10504.00†	7018.59	-1890.41	-4079.75	10754.56	7204.58	-2115.49	-4082.51	-129.58	291.99	113.81	2.58	PASS
10604.00†	7016.30	-1891.06	-4179.72	10854.50	7202.26	-2116.19	-4182.42	-129.57	292.01	116.40	2.52	PASS
10704.00†	7014.04	-1891.72	-4279.69	10954.44	7199.98	-2116.89	-4282.34	-129.56	292.03	119.01	2.46	PASS
10804.00†	7011.82	-1892.38	-4379.67	11054.39	7197.72	-2117.59	-4382.25	-129.55	292.04	121.64	2.41	PASS
10904.00†	7009.62	-1893.05	-4479.64	11154.33	7195.50	-2118.29	-4482.17	-129.54	292.05	124.29	2.36	PASS
11004.00†	7007.45	-1893.72	-4579.61	11254.27	7193.31	-2118.99	-4582.08	-129.53	292.05	126.96	2.31	PASS
11104.00†	7005.32	-1894.40	-4679.59	11354.21	7191.15	-2119.68	-4682.00	-129.53	292.05	129.65	2.26	PASS
11204.00†	7003.22	-1895.08	-4779.57	11454.15	7189.03	-2120.38	-4781.92	-129.52	292.05	132.34	2.21	PASS
11304.00†	7001.14	-1895.77	-4879.54	11554.10	7186.93	-2121.08	-4881.83	-129.52	292.04	135.06	2.17	PASS
11404.00†	6999.10	-1896.46	-4979.52	11654.04	7184.87	-2121.78	-4981.75	-129.51	292.03	137.79	2.13	PASS
11504.00†	6997.09	-1897.16	-5079.50	11753.98	7182.83	-2122.48	-5081.67	-129.51	292.02	140.53	2.08	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 34 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
11604.00†	6995.11	-1897.86	-5179.47	11853.92	7180.83	-2123.18	-5181.59	-129.51	292.00	143.28	2.04	PASS
11704.00†	6993.16	-1898.57	-5279.45	11953.87	7178.86	-2123.87	-5281.51	-129.50	291.97	146.04	2.00	PASS
11804.00†	6991.25	-1899.29	-5379.43	12053.81	7176.92	-2124.57	-5381.43	-129.50	291.94	148.81	1.97	PASS
11904.00†	6989.36	-1900.01	-5479.41	12153.75	7175.01	-2125.27	-5481.35	-129.50	291.91	151.59	1.93	PASS
12004.00†	6987.50	-1900.74	-5579.39	12253.69	7173.14	-2125.96	-5581.28	-129.50	291.88	154.39	1.89	PASS
12104.00†	6985.68	-1901.47	-5679.37	12353.63	7171.29	-2126.66	-5681.20	-129.50	291.84	157.19	1.86	PASS
12204.00†	6983.89	-1902.20	-5779.35	12453.58	7169.48	-2127.36	-5781.12	-129.51	291.79	159.99	1.83	PASS
12304.00†	6982.12	-1902.94	-5879.33	12553.52	7167.70	-2128.05	-5881.05	-129.51	291.74	162.81	1.80	PASS
12404.00†	6980.39	-1903.69	-5979.32	12653.46	7165.95	-2128.75	-5980.97	-129.51	291.69	165.63	1.76	PASS
12504.00†	6978.69	-1904.44	-6079.30	12753.40	7164.23	-2129.44	-6080.90	-129.52	291.63	168.46	1.73	PASS
12604.00†	6977.02	-1905.20	-6179.28	12853.35	7162.54	-2130.14	-6180.82	-129.52	291.57	171.30	1.71	PASS
12704.00†	6975.39	-1905.97	-6279.27	12953.29	7160.88	-2130.83	-6280.75	-129.53	291.51	174.14	1.68	PASS
12804.00†	6973.78	-1906.73	-6379.25	13053.23	7159.26	-2131.53	-6380.68	-129.53	291.44	176.98	1.65	PASS
12904.00†	6972.20	-1907.51	-6479.23	13153.17	7157.66	-2132.22	-6480.60	-129.54	291.36	179.83	1.62	PASS
13004.00†	6970.66	-1908.29	-6579.22	13253.11	7156.10	-2132.92	-6580.53	-129.55	291.29	182.69	1.60	PASS
13104.00†	6969.14	-1909.07	-6679.21	13353.06	7154.57	-2133.61	-6680.46	-129.56	291.21	185.55	1.57	PASS
13204.00†	6967.66	-1909.86	-6779.19	13453.00	7153.07	-2134.30	-6780.39	-129.57	291.12	188.41	1.55	PASS
13304.00†	6966.21	-1910.66	-6879.18	13552.94	7151.60	-2135.00	-6880.32	-129.57	291.03	191.28	1.52	PASS
13404.00†	6964.79	-1911.46	-6979.16	13652.88	7150.16	-2135.69	-6980.25	-129.59	290.94	194.15	1.50	PASS
13504.00†	6963.40	-1912.27	-7079.15	13752.83	7148.76	-2136.38	-7080.18	-129.60	290.84	197.03	1.48	PASS
13604.00†	6962.04	-1913.08	-7179.14	13852.77	7147.38	-2137.08	-7180.11	-129.61	290.74	199.91	1.46	PASS
13704.00†	6960.71	-1913.90	-7279.13	13952.71	7146.04	-2137.77	-7280.04	-129.62	290.63	202.79	1.43	PASS
13804.00†	6959.42	-1914.72	-7379.11	14052.65	7144.73	-2138.46	-7379.97	-129.64	290.52	205.67	1.41	PASS
13904.00†	6958.15	-1915.55	-7479.10	14152.59	7143.45	-2139.15	-7479.90	-129.65	290.41	208.56	1.39	PASS
14004.00†	6956.92	-1916.38	-7579.09	14252.54	7142.20	-2139.85	-7579.83	-129.67	290.29	211.44	1.37	PASS
14104.00†	6955.71	-1917.22	-7679.08	14352.48	7140.99	-2140.54	-7679.76	-129.68	290.17	214.33	1.35	PASS
14204.00†	6954.54	-1918.06	-7779.07	14452.42	7139.80	-2141.23	-7779.70	-129.70	290.04	217.23	1.34	PASS
14304.00†	6953.40	-1918.91	-7879.06	14552.36	7138.65	-2141.92	-7879.63	-129.72	289.91	220.12	1.32	PASS
14404.00†	6952.29	-1919.77	-7979.05	14652.31	7137.52	-2142.61	-7979.56	-129.74	289.78	223.01	1.30	PASS
14504.00†	6951.21	-1920.62	-8079.04	14752.25	7136.43	-2143.30	-8079.50	-129.76	289.64	225.91	1.28	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 35 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
14604.00†	6950.16	-1921.49	-8179.03	14852.19	7135.37	-2143.99	-8179.43	-129.78	289.50	228.81	1.27	PASS
14704.00†	6949.15	-1922.36	-8279.02	14952.13	7134.34	-2144.68	-8279.37	-129.80	289.35	231.70	1.25	PASS
14804.00†	6948.16	-1923.24	-8379.01	15052.07	7133.34	-2145.37	-8379.30	-129.82	289.20	234.60	1.23	PASS
14904.00†	6947.21	-1924.12	-8479.01	15152.02	7132.38	-2146.06	-8479.24	-129.84	289.04	237.50	1.22	PASS
15004.00†	6946.28	-1925.01	-8579.00	15251.96	7131.44	-2146.75	-8579.17	-129.87	288.89	240.40	1.20	PASS
15104.00†	6945.39	-1925.90	-8678.99	15351.90	7130.54	-2147.44	-8679.11	-129.89	288.72	243.30	1.19	PASS
15204.00†	6944.53	-1926.80	-8778.98	15451.84	7129.67	-2148.13	-8779.04	-129.92	288.56	246.20	1.17	PASS
15304.00†	6943.70	-1927.70	-8878.97	15551.79	7128.83	-2148.81	-8878.98	-129.94	288.38	249.10	1.16	PASS
15404.00†	6942.90	-1928.61	-8978.97	15651.73	7128.02	-2149.50	-8978.92	-129.97	288.21	252.00	1.14	PASS
15504.00†	6942.13	-1929.52	-9078.96	15751.67	7127.24	-2150.19	-9078.85	-130.00	288.03	254.90	1.13	PASS
15604.00†	6941.39	-1930.44	-9178.95	15851.61	7126.50	-2150.88	-9178.79	-130.02	287.85	257.80	1.12	PASS
15704.00†	6940.69	-1931.36	-9278.95	15951.55	7125.78	-2151.56	-9278.73	-130.05	287.66	260.70	1.10	PASS
15804.00†	6940.01	-1932.29	-9378.94	16051.50	7125.10	-2152.25	-9378.66	-130.08	287.47	263.60	1.09	PASS
15904.00†	6939.37	-1933.23	-9478.93	16151.44	7124.45	-2152.94	-9478.60	-130.11	287.28	266.50	1.08	PASS
16004.00†	6938.75	-1934.17	-9578.93	16251.38	7123.83	-2153.63	-9578.54	-130.14	287.08	269.40	1.07	PASS
16104.00†	6938.17	-1935.11	-9678.92	16351.32	7123.24	-2154.31	-9678.48	-130.18	286.88	272.30	1.05	PASS
16204.00†	6937.62	-1936.07	-9778.92	16451.26	7122.68	-2155.00	-9778.42	-130.21	286.67	275.19	1.04	PASS
16304.00†	6937.10	-1937.02	-9878.91	16551.21	7122.15	-2155.68	-9878.35	-130.24	286.46	278.09	1.03	PASS
16404.00†	6936.61	-1937.98	-9978.90	16651.15	7121.66	-2156.37	-9978.29	-130.28	286.24	280.98	1.02	PASS
16504.00†	6936.15	-1938.95	-10078.90	16751.09	7121.19	-2157.05	-10078.23	-130.31	286.02	283.88	1.01	PASS
16604.00†	6935.73	-1939.92	-10178.89	16851.03	7120.76	-2157.74	-10178.17	-130.35	285.80	286.77	1.00	FAIL
16704.00†	6935.33	-1940.90	-10278.89	16950.97	7120.36	-2158.42	-10278.11	-130.39	285.58	289.66	0.99	FAIL
16804.00†	6934.96	-1941.89	-10378.88	17050.92	7119.99	-2159.11	-10378.05	-130.43	285.35	292.55	0.98	FAIL
16904.00†	6934.63	-1942.87	-10478.88	17150.86	7119.65	-2159.79	-10477.99	-130.46	285.11	295.43	0.96	FAIL
17004.00†	6934.33	-1943.87	-10578.87	17250.80	7119.35	-2160.48	-10577.93	-130.50	284.87	298.32	0.95	FAIL
17104.00†	6934.06	-1944.87	-10678.86	17350.74	7119.07	-2161.16	-10677.87	-130.54	284.63	301.20	0.94	FAIL
17204.00†	6933.82	-1945.87	-10778.86	17450.68	7118.83	-2161.85	-10777.80	-130.59	284.39	304.09	0.94	FAIL
17304.00†	6933.61	-1946.88	-10878.85	17550.63	7118.62	-2162.53	-10877.74	-130.63	284.14	306.97	0.93	FAIL
17404.00†	6933.43	-1947.90	-10978.85	17650.57	7118.44	-2163.21	-10977.68	-130.67	283.88	309.84	0.92	FAIL
17504.00†	6933.28	-1948.92	-11078.84	17750.51	7118.29	-2163.89	-11077.62	-130.72	283.62	312.72	0.91	FAIL

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 36 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
17604.00†	6933.16	-1949.94	-11178.84	17850.45	7118.17	-2164.58	-11177.56	-130.76	283.36	315.59	0.90	FAIL
17704.00†	6933.08	-1950.98	-11278.83	17950.39	7118.08	-2165.26	-11277.50	-130.81	283.10	318.47	0.89	FAIL
17804.00†	6933.02	-1952.01	-11378.83	18050.34	7118.03	-2165.94	-11377.44	-130.85	282.83	321.34	0.88	FAIL
17904.00†	6933.00	-1953.06	-11478.82	18150.28	7118.00	-2166.62	-11477.38	-130.90	282.56	324.20	0.87	FAIL
17928.87	6933.00	-1953.32	-11503.69	18175.13	7118.00	-2166.79	-11502.23	-130.91	282.49	324.91	0.87	FAIL
18004.00†	6933.00	-1954.10	-11578.82	18250.26	7118.00	-2167.30	-11577.36	-130.95	282.28	327.06	0.86	FAIL
18028.85†	6933.00	-1954.36	-11603.66	18275.11	7118.00	-2167.47	-11602.21	-130.96	282.21	327.77	0.86	FAIL

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 13C-11-L PWB Offset Wellpath: BOST FARM 13C-11-L (REV-C.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-C.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	1705.65	0.00	12.22	-90.76	-22.02
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1705.65	0.00	12.22	-90.76	-22.02
8.5in Open Hole	1750.00	18276.67	16526.67	1705.65	7118.00	-90.76	-22.02	-660.65	-3530.72

SURVEY PROGRAM - Offset Wellbore: BOST FARM 13C-11-L PWB Offset Wellpath: BOST FARM 13C-11-L (REV-C.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 13C-11-L PWB
1750.00	18276.67	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 13C-11-L PWB



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 37 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 13C-11-L PWB Offset Wellpath: BOST FARM 13C-11-L (REV-C.0) PWP	
MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 38 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	3.00	4.00	0.00	40.10	90.00	40.10	1.26	130.45	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	0.00	40.10	90.00	40.10	2.19	31.86	PASS
204.00†	204.00	0.00	0.00	203.01	204.01	0.00	40.10	90.00	40.10	3.19	17.57	PASS
250.00	250.00	0.00	0.00	249.22	250.22	-0.40	39.96	90.57	39.96	3.69	14.32	PASS
304.00†	304.00	-0.47	-0.19	303.45	304.43	-1.76	39.48	-110.50	39.70	4.27	11.72	PASS
404.00†	403.93	-3.83	-1.57	403.82	404.65	-6.84	37.71	-108.00	39.41	5.41	8.64	PASS
466.50†	466.29	-7.56	-3.11	466.50	467.12	-11.69	36.02	-106.38	39.35	6.14	7.41	PASS
504.00†	503.67	-10.41	-4.28	504.13	504.55	-15.23	34.78	-105.38	39.37	6.57	6.84	PASS
604.00†	603.10	-20.20	-8.31	604.37	604.03	-26.90	30.71	-102.69	39.60	7.77	5.68	PASS
704.00†	702.10	-33.20	-13.66	704.55	702.95	-41.84	25.49	-99.98	40.10	9.06	4.83	PASS
804.00†	800.55	-49.38	-20.32	804.67	801.19	-60.02	19.15	-97.31	40.88	10.50	4.19	PASS
904.00†	898.33	-68.74	-28.28	904.72	898.63	-81.42	11.68	-94.72	41.92	12.10	3.68	PASS
1004.00†	995.32	-91.23	-37.53	1004.71	995.16	-106.00	3.09	-92.25	43.23	13.88	3.27	PASS
1104.00†	1091.41	-116.85	-48.07	1104.63	1090.67	-133.73	-6.58	-89.93	44.80	15.84	2.95	PASS
1124.85	1111.32	-122.58	-50.43	1125.45	1110.44	-139.91	-8.74	-89.47	45.16	16.26	2.89	PASS
1204.00†	1186.80	-144.59	-59.48	1204.44	1184.99	-164.55	-17.34	-86.48	46.67	17.98	2.69	PASS
1304.00†	1282.18	-172.39	-70.92	1304.22	1278.41	-197.65	-28.90	-80.45	49.18	20.16	2.51	PASS
1404.00†	1377.55	-200.19	-82.36	1404.06	1371.84	-230.88	-40.50	-74.91	52.22	22.26	2.41	PASS
1504.00†	1472.92	-228.00	-93.80	1503.89	1465.26	-264.11	-52.10	-70.02	55.69	24.27	2.35	PASS
1604.00†	1568.30	-255.80	-105.24	1603.73	1558.68	-297.34	-63.70	-65.73	59.52	26.16	2.32	PASS
1704.00†	1663.67	-283.61	-116.68	1703.56	1652.11	-330.56	-75.30	-61.98	63.65	27.96	2.32	PASS
1804.00†	1759.04	-311.41	-128.12	1803.39	1745.53	-363.79	-86.90	-58.69	68.01	28.41	2.43	PASS
1904.00†	1854.42	-339.22	-139.56	1903.23	1838.95	-397.02	-98.50	-55.81	72.57	28.14	2.62	PASS
2004.00†	1949.79	-367.02	-151.00	2003.06	1932.38	-430.25	-110.10	-53.28	77.29	27.96	2.81	PASS
2104.00†	2045.16	-394.83	-162.43	2102.89	2025.80	-463.48	-121.70	-51.04	82.15	27.87	3.00	PASS
2204.00†	2140.54	-422.63	-173.87	2202.73	2119.22	-496.71	-133.30	-49.05	87.11	27.86	3.18	PASS
2304.00†	2235.91	-450.43	-185.31	2302.56	2212.65	-529.94	-144.90	-47.28	92.17	27.94	3.36	PASS
2404.00†	2331.28	-478.24	-196.75	2402.39	2306.07	-563.17	-156.50	-45.69	97.31	28.09	3.53	PASS
2504.00†	2426.66	-506.04	-208.19	2502.23	2399.50	-596.40	-168.10	-44.27	102.52	28.32	3.69	PASS
2604.00†	2522.03	-533.85	-219.63	2602.06	2492.92	-629.63	-179.70	-42.98	107.78	28.62	3.84	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 39 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
2704.00†	2617.40	-561.65	-231.07	2701.89	2586.34	-662.86	-191.30	-41.81	113.09	28.99	3.97	PASS
2804.00†	2712.78	-589.46	-242.51	2801.73	2679.77	-696.09	-202.90	-40.75	118.45	29.42	4.10	PASS
2904.00†	2808.15	-617.26	-253.95	2901.56	2773.19	-729.32	-214.50	-39.78	123.84	29.91	4.22	PASS
3004.00†	2903.52	-645.07	-265.38	3001.40	2866.61	-762.55	-226.10	-38.89	129.26	30.45	4.32	PASS
3104.00†	2998.90	-672.87	-276.82	3101.23	2960.04	-795.78	-237.70	-38.07	134.71	31.05	4.42	PASS
3204.00†	3094.27	-700.67	-288.26	3201.06	3053.46	-829.01	-249.30	-37.32	140.19	31.69	4.50	PASS
3304.00†	3189.64	-728.48	-299.70	3300.90	3146.88	-862.24	-260.90	-36.62	145.69	32.38	4.58	PASS
3404.00†	3285.02	-756.28	-311.14	3400.73	3240.31	-895.47	-272.50	-35.98	151.21	33.10	4.65	PASS
3504.00†	3380.39	-784.09	-322.58	3500.56	3333.73	-928.70	-284.10	-35.38	156.75	33.86	4.71	PASS
3604.00†	3475.76	-811.89	-334.02	3600.40	3427.16	-961.93	-295.70	-34.82	162.30	34.66	4.76	PASS
3704.00†	3571.14	-839.70	-345.46	3700.23	3520.58	-995.16	-307.30	-34.30	167.87	35.48	4.81	PASS
3804.00†	3666.51	-867.50	-356.90	3800.06	3614.00	-1028.39	-318.89	-33.81	173.45	36.34	4.85	PASS
3904.00†	3761.88	-895.31	-368.34	3899.90	3707.43	-1061.62	-330.49	-33.35	179.04	37.22	4.88	PASS
4004.00†	3857.26	-923.11	-379.77	3999.73	3800.85	-1094.84	-342.09	-32.92	184.65	38.12	4.92	PASS
4104.00†	3952.63	-950.91	-391.21	4099.56	3894.27	-1128.07	-353.69	-32.51	190.26	39.05	4.94	PASS
4204.00†	4048.00	-978.72	-402.65	4199.40	3987.70	-1161.30	-365.29	-32.13	195.88	39.99	4.97	PASS
4304.00†	4143.37	-1006.52	-414.09	4299.23	4081.12	-1194.53	-376.89	-31.77	201.51	40.96	4.99	PASS
4404.00†	4238.75	-1034.33	-425.53	4399.07	4174.54	-1227.76	-388.49	-31.43	207.15	41.94	5.01	PASS
4504.00†	4334.12	-1062.13	-436.97	4498.90	4267.97	-1260.99	-400.09	-31.11	212.79	42.94	5.02	PASS
4604.00†	4429.49	-1089.94	-448.41	4598.73	4361.39	-1294.22	-411.69	-30.80	218.45	43.95	5.04	PASS
4704.00†	4524.87	-1117.74	-459.85	4698.57	4454.82	-1327.45	-423.29	-30.51	224.10	44.98	5.05	PASS
4804.00†	4620.24	-1145.55	-471.29	4798.40	4548.24	-1360.68	-434.89	-30.23	229.76	46.02	5.06	PASS
4904.00†	4715.61	-1173.35	-482.73	4898.23	4641.66	-1393.91	-446.49	-29.97	235.43	47.07	5.06	PASS
5004.00†	4810.99	-1201.16	-494.16	4998.07	4735.09	-1427.14	-458.09	-29.72	241.10	48.13	5.07	PASS
5104.00†	4906.36	-1228.96	-505.60	5097.90	4828.51	-1460.37	-469.69	-29.48	246.78	49.20	5.07	PASS
5204.00†	5001.73	-1256.76	-517.04	5197.73	4921.93	-1493.60	-481.29	-29.25	252.46	50.28	5.08	PASS
5304.00†	5097.11	-1284.57	-528.48	5297.57	5015.36	-1526.83	-492.89	-29.03	258.15	51.37	5.08	PASS
5404.00†	5192.48	-1312.37	-539.92	5397.40	5108.78	-1560.06	-504.49	-28.83	263.83	52.47	5.08	PASS
5504.00†	5287.85	-1340.18	-551.36	5497.23	5202.20	-1593.29	-516.09	-28.63	269.53	53.57	5.09	PASS
5604.00†	5383.23	-1367.98	-562.80	5597.07	5295.63	-1626.52	-527.69	-28.43	275.22	54.68	5.09	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 40 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
5704.00†	5478.60	-1395.79	-574.24	5696.90	5389.05	-1659.75	-539.29	-28.25	280.92	55.80	5.09	PASS
5804.00†	5573.97	-1423.59	-585.68	5796.74	5482.48	-1692.98	-550.89	-28.07	286.62	56.93	5.09	PASS
5904.00†	5669.35	-1451.40	-597.12	5896.57	5575.90	-1726.21	-562.49	-27.90	292.32	58.06	5.08	PASS
6004.00†	5764.72	-1479.20	-608.55	5996.40	5669.32	-1759.44	-574.09	-27.74	298.03	59.20	5.08	PASS

C-C Clearance Distance Cutoff: 300.00 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

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	5.00	1695.57	0.00	24.44	-105.47	-12.37
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1695.57	0.00	24.44	-105.47	-12.37
8.5in Open Hole	1750.00	17950.95	16200.95	1695.57	N/A	-105.47	-12.37	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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 41 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 34N-11C-L PWB Offset Wellpath: BOST FARM 34N-11C-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 42 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	5.00	4.00	0.36	-39.82	-89.48	39.82	1.57	64.43	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	0.36	-39.82	-89.48	39.82	2.20	31.43	PASS
204.00†	204.00	0.00	0.00	205.00	204.00	0.36	-39.82	-89.48	39.82	3.20	17.36	PASS
250.00	250.00	0.00	0.00	251.00	250.00	0.36	-39.82	-89.48	39.82	3.68	14.29	PASS
304.00†	304.00	-0.47	-0.19	305.00	304.00	0.36	-39.82	68.85	39.64	4.25	11.75	PASS
404.00†	403.93	-3.83	-1.57	404.93	403.93	0.36	-39.82	73.91	38.47	5.34	8.57	PASS
504.00†	503.67	-10.41	-4.28	504.67	503.67	0.36	-39.82	84.52	37.14	6.42	6.63	PASS
541.70†	541.19	-13.72	-5.65	542.23	541.23	0.36	-39.82	90.04	36.96	6.83	6.13	PASS
604.00†	603.10	-20.20	-8.31	604.11	603.11	0.36	-39.82	100.69	37.63	7.57	5.55	PASS
704.00†	702.10	-33.20	-13.66	703.70	702.68	-1.30	-40.68	117.18	41.81	8.96	5.11	PASS
804.00†	800.55	-49.38	-20.32	803.72	802.55	-6.06	-43.15	129.66	49.01	10.54	5.02	PASS
904.00†	898.33	-68.74	-28.28	904.16	902.59	-13.96	-47.24	138.44	58.12	12.15	5.11	PASS
1004.00†	995.32	-91.23	-37.53	1005.03	1002.68	-25.02	-52.97	144.52	68.39	13.70	5.29	PASS
1104.00†	1091.41	-116.85	-48.07	1106.34	1102.70	-39.26	-60.35	148.78	79.36	15.20	5.51	PASS
1124.85	1111.32	-122.58	-50.43	1127.51	1123.54	-42.64	-62.10	149.50	81.71	15.50	5.55	PASS
1204.00†	1186.80	-144.59	-59.48	1208.19	1202.63	-56.74	-69.40	151.56	89.81	16.53	5.71	PASS
1304.00†	1282.18	-172.39	-70.92	1310.71	1302.44	-77.51	-80.16	152.68	97.46	17.82	5.72	PASS
1404.00†	1377.55	-200.19	-82.36	1411.97	1400.28	-100.70	-92.17	152.73	102.53	19.05	5.62	PASS
1504.00†	1472.92	-228.00	-93.80	1511.86	1496.68	-123.90	-104.20	152.66	107.28	20.31	5.50	PASS
1604.00†	1568.30	-255.80	-105.24	1611.74	1593.09	-147.11	-116.22	152.59	112.02	21.60	5.38	PASS
1704.00†	1663.67	-283.61	-116.68	1711.63	1689.50	-170.32	-128.24	152.53	116.77	22.89	5.28	PASS
1804.00†	1759.04	-311.41	-128.12	1811.52	1785.91	-193.53	-140.26	152.48	121.52	23.30	5.35	PASS
1904.00†	1854.42	-339.22	-139.56	1911.41	1882.31	-216.73	-152.29	152.43	126.26	23.37	5.54	PASS
2004.00†	1949.79	-367.02	-151.00	2011.29	1978.72	-239.94	-164.31	152.38	131.01	23.51	5.71	PASS
2104.00†	2045.16	-394.83	-162.43	2111.18	2075.13	-263.15	-176.33	152.34	135.76	23.71	5.87	PASS
2204.00†	2140.54	-422.63	-173.87	2211.07	2171.53	-286.35	-188.35	152.30	140.51	23.97	6.01	PASS
2304.00†	2235.91	-450.43	-185.31	2310.96	2267.94	-309.56	-200.37	152.26	145.25	24.29	6.13	PASS
2404.00†	2331.28	-478.24	-196.75	2410.84	2364.35	-332.77	-212.40	152.23	150.00	24.67	6.23	PASS
2504.00†	2426.66	-506.04	-208.19	2510.73	2460.76	-355.97	-224.42	152.19	154.75	25.10	6.32	PASS
2604.00†	2522.03	-533.85	-219.63	2610.62	2557.16	-379.18	-236.44	152.16	159.50	25.58	6.38	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 43 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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					
2704.00†	2617.40	-561.65	-231.07	2710.50	2653.57	-402.39	-248.46	152.13	164.24	26.11	6.44	PASS					
2804.00†	2712.78	-589.46	-242.51	2810.39	2749.98	-425.59	-260.48	152.11	168.99	26.68	6.48	PASS					
2904.00†	2808.15	-617.26	-253.95	2910.28	2846.39	-448.80	-272.51	152.08	173.74	27.30	6.51	PASS					
3004.00†	2903.52	-645.07	-265.38	3010.17	2942.79	-472.01	-284.53	152.06	178.49	27.95	6.53	PASS					
3104.00†	2998.90	-672.87	-276.82	3110.05	3039.20	-495.22	-296.55	152.03	183.23	28.64	6.53	PASS					
3204.00†	3094.27	-700.67	-288.26	3209.94	3135.61	-518.42	-308.57	152.01	187.98	29.37	6.53	PASS					
3304.00†	3189.64	-728.48	-299.70	3309.83	3232.01	-541.63	-320.60	151.99	192.73	30.12	6.53	PASS					
3404.00†	3285.02	-756.28	-311.14	3409.71	3328.42	-564.84	-332.62	151.97	197.48	30.91	6.52	PASS					
3504.00†	3380.39	-784.09	-322.58	3509.60	3424.83	-588.04	-344.64	151.95	202.23	31.72	6.50	PASS					
3604.00†	3475.76	-811.89	-334.02	3609.49	3521.24	-611.25	-356.66	151.93	206.97	32.56	6.48	PASS					
3704.00†	3571.14	-839.70	-345.46	3709.38	3617.64	-634.46	-368.68	151.91	211.72	33.42	6.45	PASS					
3804.00†	3666.51	-867.50	-356.90	3809.26	3714.05	-657.66	-380.71	151.90	216.47	34.30	6.42	PASS					
3904.00†	3761.88	-895.31	-368.34	3909.15	3810.46	-680.87	-392.73	151.88	221.22	35.20	6.39	PASS					
4004.00†	3857.26	-923.11	-379.77	4009.04	3906.87	-704.08	-404.75	151.87	225.97	36.12	6.36	PASS					
4104.00†	3952.63	-950.91	-391.21	4108.92	4003.27	-727.28	-416.77	151.85	230.71	37.05	6.33	PASS					
4204.00†	4048.00	-978.72	-402.65	4208.81	4099.68	-750.49	-428.79	151.84	235.46	38.01	6.29	PASS					
4304.00†	4143.37	-1006.52	-414.09	4308.70	4196.09	-773.70	-440.82	151.82	240.21	38.97	6.26	PASS					
4404.00†	4238.75	-1034.33	-425.53	4408.59	4292.49	-796.91	-452.84	151.81	244.96	39.95	6.22	PASS					
4504.00†	4334.12	-1062.13	-436.97	4508.47	4388.90	-820.11	-464.86	151.80	249.71	40.94	6.19	PASS					
4604.00†	4429.49	-1089.94	-448.41	4608.36	4485.31	-843.32	-476.88	151.79	254.45	41.94	6.15	PASS					
4704.00†	4524.87	-1117.74	-459.85	4708.25	4581.72	-866.53	-488.91	151.77	259.20	42.95	6.12	PASS					
4804.00†	4620.24	-1145.55	-471.29	4808.14	4678.12	-889.73	-500.93	151.76	263.95	43.98	6.08	PASS					
4904.00†	4715.61	-1173.35	-482.73	4908.02	4774.53	-912.94	-512.95	151.75	268.70	45.01	6.05	PASS					
5004.00†	4810.99	-1201.16	-494.16	5007.91	4870.94	-936.15	-524.97	151.74	273.45	46.05	6.02	PASS					
5104.00†	4906.36	-1228.96	-505.60	5107.80	4967.35	-959.35	-536.99	151.73	278.19	47.09	5.98	PASS					
5204.00†	5001.73	-1256.76	-517.04	5207.68	5063.75	-982.56	-549.02	151.72	282.94	48.15	5.95	PASS					
5304.00†	5097.11	-1284.57	-528.48	5307.57	5160.16	-1005.77	-561.04	151.71	287.69	49.21	5.92	PASS					
5404.00†	5192.48	-1312.37	-539.92	5407.46	5256.57	-1028.97	-573.06	151.70	292.44	50.28	5.89	PASS					
5504.00†	5287.85	-1340.18	-551.36	5507.35	5352.97	-1052.18	-585.08	151.69	297.19	51.35	5.85	PASS					

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 44 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 33N-11A-L PWB Offset Wellpath: BOST FARM 33N-11A-L (REV-C.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 33N-11A-L PWB Offset Wellpath: BOST FARM 33N-11A-L (REV-C.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	1726.53	0.22	-24.27	-54.52	-52.63
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1726.53	0.22	-24.27	-54.52	-52.63
8.5in Open Hole	1750.00	17753.95	16003.95	1726.53	6825.00	-54.52	-52.63	-462.88	-3548.87

SURVEY PROGRAM - Offset Wellbore: BOST FARM 33N-11A-L PWB Offset Wellpath: BOST FARM 33N-11A-L (REV-C.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 33N-11A-L PWB
1750.00	17753.95	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-C.0) PWP

MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 45 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 16-12 AWP 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	17.00	4.00	-433.39	-2640.72	-99.32	2676.04	50.17	54.36	PASS				
104.00†	104.00	0.00	0.00	117.00	104.00	-433.39	-2640.72	-99.32	2676.04	50.21	54.32	PASS				
204.00†	204.00	0.00	0.00	217.00	204.00	-433.39	-2640.72	-99.32	2676.04	50.25	54.27	PASS				
250.00	250.00	0.00	0.00	263.00	250.00	-433.39	-2640.72	-99.32	2676.04	50.28	54.24	PASS				
304.00†	304.00	-0.47	-0.19	317.00	304.00	-433.39	-2640.72	58.33	2675.78	50.31	54.20	PASS				
404.00†	403.93	-3.83	-1.57	416.93	403.93	-433.39	-2640.72	58.43	2673.87	50.39	54.08	PASS				
504.00†	503.67	-10.41	-4.28	516.67	503.67	-433.39	-2640.72	58.62	2670.15	50.50	53.88	PASS				
604.00†	603.10	-20.20	-8.31	616.10	603.10	-433.39	-2640.72	58.91	2664.64	50.67	53.58	PASS				
704.00†	702.10	-33.20	-13.66	715.10	702.10	-433.39	-2640.72	59.29	2657.37	50.87	53.23	PASS				
804.00†	800.55	-49.38	-20.32	813.55	800.55	-433.39	-2640.72	59.77	2648.39	51.08	52.82	PASS				
904.00†	898.33	-68.74	-28.28	911.33	898.33	-433.39	-2640.72	60.34	2637.77	51.32	52.36	PASS				
1004.00†	995.32	-91.23	-37.53	1008.32	995.32	-433.39	-2640.72	61.01	2625.57	51.60	51.83	PASS				
1104.00†	1091.41	-116.85	-48.07	1104.41	1091.41	-433.39	-2640.72	61.77	2611.90	51.96	51.20	PASS				
1124.85	1111.32	-122.58	-50.43	1124.32	1111.32	-433.39	-2640.72	61.94	2608.87	52.04	51.06	PASS				
1204.00†	1186.80	-144.59	-59.48	1199.80	1186.80	-433.39	-2640.72	62.38	2597.34	52.35	50.52	PASS				
1304.00†	1282.18	-172.39	-70.92	1295.18	1282.18	-433.39	-2640.72	62.95	2583.02	52.80	49.81	PASS				
1404.00†	1377.55	-200.19	-82.36	1432.15	1419.11	-436.14	-2639.39	63.72	2568.23	53.36	49.00	PASS				
1504.00†	1472.92	-228.00	-93.80	1573.51	1560.10	-445.14	-2635.04	64.38	2551.99	53.97	48.13	PASS				
1604.00†	1568.30	-255.80	-105.24	1716.45	1701.99	-460.60	-2627.57	64.91	2534.16	54.62	47.21	PASS				
1704.00†	1663.67	-283.61	-116.68	1860.28	1843.71	-482.56	-2616.95	65.30	2514.63	55.33	46.24	PASS				
1804.00†	1759.04	-311.41	-128.12	2004.28	1984.20	-510.94	-2603.24	65.55	2493.34	55.59	45.42	PASS				
1904.00†	1854.42	-339.22	-139.56	2147.72	2122.40	-545.50	-2586.54	65.64	2470.24	55.93	44.72	PASS				
2004.00†	1949.79	-367.02	-151.00	2289.89	2257.31	-585.85	-2567.04	65.57	2445.35	56.32	43.96	PASS				
2104.00†	2045.16	-394.83	-162.43	2430.14	2388.05	-631.51	-2544.97	65.34	2418.69	56.81	43.10	PASS				
2204.00†	2140.54	-422.63	-173.87	2567.83	2513.84	-681.89	-2520.62	64.96	2390.36	57.39	42.16	PASS				
2304.00†	2235.91	-450.43	-185.31	2686.92	2620.48	-729.62	-2497.56	64.49	2360.57	58.04	41.16	PASS				
2404.00†	2331.28	-478.24	-196.75	2781.01	2704.31	-768.07	-2478.97	64.09	2330.60	58.70	40.17	PASS				
2504.00†	2426.66	-506.04	-208.19	2875.09	2788.14	-806.53	-2460.38	63.68	2300.73	59.41	39.18	PASS				
2604.00†	2522.03	-533.85	-219.63	2969.17	2871.97	-844.99	-2441.80	63.26	2270.97	60.18	38.17	PASS				
2704.00†	2617.40	-561.65	-231.07	3063.26	2955.80	-883.45	-2423.21	62.83	2241.33	60.99	37.17	PASS				

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 46 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 16-12 AWP 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
2804.00†	2712.78	-589.46	-242.51	3157.34	3039.63	-921.90	-2404.63	62.39	2211.81	61.85	36.16	PASS
2904.00†	2808.15	-617.26	-253.95	3251.42	3123.46	-960.36	-2386.04	61.94	2182.42	62.75	35.16	PASS
3004.00†	2903.52	-645.07	-265.38	3345.51	3207.29	-998.82	-2367.45	61.48	2153.16	63.69	34.17	PASS
3104.00†	2998.90	-672.87	-276.82	3439.59	3291.12	-1037.28	-2348.87	61.00	2124.04	64.68	33.19	PASS
3204.00†	3094.27	-700.67	-288.26	3533.68	3374.95	-1075.73	-2330.28	60.51	2095.06	65.70	32.22	PASS
3304.00†	3189.64	-728.48	-299.70	3627.76	3458.78	-1114.19	-2311.70	60.00	2066.24	66.76	31.27	PASS
3404.00†	3285.02	-756.28	-311.14	3721.84	3542.61	-1152.65	-2293.11	59.49	2037.56	67.86	30.33	PASS
3504.00†	3380.39	-784.09	-322.58	3815.93	3626.44	-1191.11	-2274.52	58.96	2009.05	68.99	29.41	PASS
3604.00†	3475.76	-811.89	-334.02	3910.01	3710.27	-1229.56	-2255.94	58.41	1980.71	70.15	28.51	PASS
3704.00†	3571.14	-839.70	-345.46	4004.09	3794.09	-1268.02	-2237.35	57.85	1952.55	71.34	27.63	PASS
3804.00†	3666.51	-867.50	-356.90	4098.18	3877.92	-1306.48	-2218.77	57.27	1924.57	72.56	26.77	PASS
3904.00†	3761.88	-895.31	-368.34	4192.26	3961.75	-1344.94	-2200.18	56.68	1896.78	73.81	25.94	PASS
4004.00†	3857.26	-923.11	-379.77	4286.35	4045.58	-1383.39	-2181.59	56.07	1869.19	75.09	25.12	PASS
4104.00†	3952.63	-950.91	-391.21	4380.43	4129.41	-1421.85	-2163.01	55.44	1841.82	76.39	24.33	PASS
4204.00†	4048.00	-978.72	-402.65	4474.51	4213.24	-1460.31	-2144.42	54.80	1814.66	77.72	23.56	PASS
4304.00†	4143.37	-1006.52	-414.09	4568.60	4297.07	-1498.76	-2125.84	54.13	1787.73	79.06	22.81	PASS
4404.00†	4238.75	-1034.33	-425.53	4662.68	4380.90	-1537.22	-2107.25	53.45	1761.05	80.44	22.08	PASS
4504.00†	4334.12	-1062.13	-436.97	4756.76	4464.73	-1575.68	-2088.66	52.75	1734.61	81.83	21.38	PASS
4604.00†	4429.49	-1089.94	-448.41	4850.85	4548.56	-1614.14	-2070.08	52.02	1708.44	83.24	20.69	PASS
4704.00†	4524.87	-1117.74	-459.85	4943.30	4630.97	-1651.85	-2051.85	51.30	1682.56	84.64	20.04	PASS
4804.00†	4620.24	-1145.55	-471.29	5032.58	4711.26	-1687.01	-2034.86	50.63	1657.17	86.01	19.42	PASS
4904.00†	4715.61	-1173.35	-482.73	5122.87	4793.36	-1720.84	-2018.51	50.01	1632.31	87.36	18.83	PASS
5004.00†	4810.99	-1201.16	-494.16	5214.07	4877.17	-1753.22	-2002.86	49.44	1607.89	88.68	18.27	PASS
5104.00†	4906.36	-1228.96	-505.60	5306.10	4962.58	-1784.07	-1987.95	48.93	1583.88	89.97	17.74	PASS
5204.00†	5001.73	-1256.76	-517.04	5398.87	5049.49	-1813.27	-1973.84	48.49	1560.20	91.24	17.23	PASS
5304.00†	5097.11	-1284.57	-528.48	5492.26	5137.75	-1840.75	-1960.56	48.11	1536.83	92.47	16.74	PASS
5404.00†	5192.48	-1312.37	-539.92	5586.17	5227.23	-1866.41	-1948.16	47.82	1513.70	93.66	16.28	PASS
5504.00†	5287.85	-1340.18	-551.36	5680.50	5317.79	-1890.18	-1936.67	47.60	1490.80	94.83	15.83	PASS
5604.00†	5383.23	-1367.98	-562.80	5775.13	5409.26	-1912.00	-1926.13	47.47	1468.09	95.95	15.41	PASS
5704.00†	5478.60	-1395.79	-574.24	5869.94	5501.48	-1931.80	-1916.55	47.43	1445.56	97.04	15.00	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 47 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	
5804.00†	5573.97	-1423.59	-585.68	5964.82	5594.29	-1949.56	-1907.97	47.49	1423.21	98.08	14.61	PASS	
5904.00†	5669.35	-1451.40	-597.12	6059.65	5687.51	-1965.22	-1900.40	47.64	1401.04	99.09	14.23	PASS	
6004.00†	5764.72	-1479.20	-608.55	6154.32	5780.97	-1978.77	-1893.85	47.90	1379.07	100.05	13.87	PASS	
6104.00†	5860.09	-1507.00	-619.99	6248.70	5874.49	-1990.21	-1888.33	48.27	1357.34	100.98	13.53	PASS	
6204.00†	5955.47	-1534.81	-631.43	6342.69	5967.91	-1999.52	-1883.83	48.75	1335.89	101.86	13.20	PASS	
6304.00†	6050.84	-1562.61	-642.87	6436.18	6061.05	-2006.73	-1880.34	49.35	1314.79	102.69	12.89	PASS	
6404.00†	6146.21	-1590.42	-654.31	6529.06	6153.75	-2011.86	-1877.86	50.05	1294.12	103.48	12.58	PASS	
6504.00†	6241.59	-1618.22	-665.75	6621.22	6245.84	-2014.94	-1876.38	50.87	1273.98	104.23	12.30	PASS	
6604.00†	6336.96	-1646.03	-677.19	6712.56	6337.18	-2016.02	-1875.85	51.81	1254.47	104.92	12.03	PASS	
6704.00†	6432.33	-1673.83	-688.63	6807.72	6432.33	-2016.02	-1875.85	52.87	1235.56	105.60	11.77	PASS	
6804.00†	6527.71	-1701.64	-700.07	6903.09	6527.71	-2016.02	-1875.85	53.97	1217.09	106.26	11.52	PASS	
6831.79	6554.21	-1709.36	-703.25	6929.60	6554.21	-2016.02	-1875.85	54.28	1212.04	106.44	11.46	PASS	
6904.00†	6622.47	-1729.32	-715.55	6997.85	6622.47	-2016.02	-1875.85	38.48	1195.20	106.97	11.24	PASS	
7004.00†	6713.83	-1756.23	-745.70	7089.21	6713.83	-2016.02	-1875.85	24.49	1159.63	108.00	10.80	PASS	
7104.00†	6799.47	-1781.68	-790.38	7174.86	6799.47	-2016.02	-1875.85	15.99	1110.49	109.21	10.23	PASS	
7204.00†	6877.30	-1805.06	-848.48	7252.69	6877.30	-2016.02	-1875.85	10.03	1048.81	110.26	9.57	PASS	
7304.00†	6945.39	-1825.79	-918.57	7320.78	6945.39	-2016.02	-1875.85	4.85	976.00	111.14	8.83	PASS	
7404.00†	7002.07	-1843.35	-998.94	7377.45	7002.07	-2016.02	-1875.85	-1.13	893.75	111.82	8.04	PASS	
7504.00†	7045.94	-1857.32	-1087.59	7421.32	7045.94	-2016.02	-1875.85	-10.49	804.07	112.31	7.20	PASS	
7604.00†	7075.92	-1867.35	-1182.36	7451.30	7075.92	-2016.02	-1875.85	-29.73	709.25	112.61	6.33	PASS	
7704.00†	7091.27	-1873.20	-1280.90	7466.65	7091.27	-2016.02	-1875.85	-68.61	611.86	112.73	5.46	PASS	
7777.19	7093.00	-1874.74	-1354.01	7468.39	7093.00	-2016.02	-1875.85	-96.77	540.63	112.71	4.82	PASS	
7804.00†	7092.16	-1874.87	-1380.80	7467.54	7092.16	-2016.02	-1875.85	-96.41	514.78	112.68	4.59	PASS	
7904.00†	7089.03	-1875.38	-1480.75	7464.41	7089.03	-2016.02	-1875.85	-95.08	419.38	112.50	3.75	PASS	
8004.00†	7085.93	-1875.89	-1580.71	7461.32	7085.93	-2016.02	-1875.85	-93.76	326.73	112.05	2.93	PASS	
8104.00†	7082.86	-1876.40	-1680.66	7458.25	7082.86	-2016.02	-1875.85	-92.47	239.99	110.87	2.17	PASS	
8204.00†	7079.83	-1876.93	-1780.61	7455.22	7079.83	-2016.02	-1875.85	-91.20	168.58	107.59	1.57	PASS	
8286.41†	7077.35	-1877.36	-1862.98	7452.74	7077.35	-2016.02	-1875.85	-90.17	139.26	102.59	1.36	PASS	
8300.03†	7076.94	-1877.43	-1876.59	7452.34	7076.96	-2016.02	-1875.85	-90.01	138.59	101.71	1.37	PASS	
8304.00†	7076.83	-1877.45	-1880.56	7452.21	7076.83	-2016.02	-1875.85	-89.95	138.65	101.50	1.37	PASS	

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 48 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	
8404.00†	7073.85	-1877.99	-1980.52	7449.24	7073.85	-2016.02	-1875.85	-88.73	173.23	102.58	1.69	PASS	
8504.00†	7070.91	-1878.52	-2080.47	7446.30	7070.91	-2016.02	-1875.85	-87.54	246.52	106.70	2.32	PASS	

C-C Clearance Distance Cutoff: 300.00 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: Rig on SLOT#04 EX. SHEEP 16-12 (2240'FSL & 1430'FEL, PR/NB-CD/7793'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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 49 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	5.00	4.00	0.73	-59.87	-89.30	59.87	1.57	97.67	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	0.73	-59.87	-89.30	59.87	2.20	47.64	PASS
204.00†	204.00	0.00	0.00	205.00	204.00	0.73	-59.87	-89.30	59.87	3.20	26.32	PASS
250.00	250.00	0.00	0.00	251.00	250.00	0.73	-59.87	-89.30	59.87	3.68	21.66	PASS
304.00†	304.00	-0.47	-0.19	305.00	304.00	0.73	-59.87	68.79	59.69	4.25	17.85	PASS
404.00†	403.93	-3.83	-1.57	404.93	403.93	0.73	-59.87	72.13	58.47	5.35	13.12	PASS
504.00†	503.67	-10.41	-4.28	504.67	503.67	0.73	-59.87	79.01	56.69	6.44	10.18	PASS
604.00†	603.10	-20.20	-8.31	604.10	603.10	0.73	-59.87	89.73	55.65	7.53	8.32	PASS
704.00†	702.10	-33.20	-13.66	703.11	702.11	0.73	-59.87	103.75	57.33	8.77	7.22	PASS
804.00†	800.55	-49.38	-20.32	802.32	801.30	-0.84	-60.81	117.48	63.22	10.19	6.74	PASS
904.00†	898.33	-68.74	-28.28	902.06	900.90	-5.38	-63.53	128.18	72.55	11.73	6.65	PASS
1004.00†	995.32	-91.23	-37.53	1002.34	1000.78	-12.95	-68.06	136.02	84.20	13.30	6.75	PASS
1104.00†	1091.41	-116.85	-48.07	1103.16	1100.83	-23.57	-74.42	141.65	97.38	14.83	6.95	PASS
1124.85	1111.32	-122.58	-50.43	1124.25	1121.70	-26.18	-75.97	142.60	100.27	15.14	7.00	PASS
1204.00†	1186.80	-144.59	-59.48	1204.68	1201.07	-37.31	-82.64	145.49	110.67	16.22	7.19	PASS
1304.00†	1282.18	-172.39	-70.92	1307.10	1301.57	-54.26	-92.79	147.45	121.69	17.57	7.27	PASS
1404.00†	1377.55	-200.19	-82.36	1408.52	1400.41	-73.75	-104.46	148.16	130.38	18.86	7.23	PASS
1504.00†	1472.92	-228.00	-93.80	1508.17	1497.41	-93.34	-116.18	148.64	138.69	20.14	7.18	PASS
1604.00†	1568.30	-255.80	-105.24	1607.82	1594.41	-112.92	-127.90	149.06	147.00	21.45	7.13	PASS
1704.00†	1663.67	-283.61	-116.68	1707.47	1691.41	-132.51	-139.63	149.44	155.33	22.77	7.08	PASS
1804.00†	1759.04	-311.41	-128.12	1807.12	1788.40	-152.09	-151.35	149.77	163.66	23.17	7.25	PASS
1904.00†	1854.42	-339.22	-139.56	1906.76	1885.40	-171.68	-163.08	150.08	171.99	23.22	7.61	PASS
2004.00†	1949.79	-367.02	-151.00	2006.41	1982.40	-191.26	-174.80	150.36	180.33	23.34	7.94	PASS
2104.00†	2045.16	-394.83	-162.43	2106.06	2079.40	-210.85	-186.53	150.61	188.68	23.52	8.24	PASS
2204.00†	2140.54	-422.63	-173.87	2205.71	2176.40	-230.44	-198.25	150.84	197.02	23.75	8.52	PASS
2304.00†	2235.91	-450.43	-185.31	2305.36	2273.40	-250.02	-209.97	151.05	205.37	24.05	8.77	PASS
2404.00†	2331.28	-478.24	-196.75	2405.00	2370.39	-269.61	-221.70	151.25	213.73	24.40	8.99	PASS
2504.00†	2426.66	-506.04	-208.19	2504.65	2467.39	-289.19	-233.42	151.43	222.08	24.81	9.18	PASS
2604.00†	2522.03	-533.85	-219.63	2604.30	2564.39	-308.78	-245.15	151.60	230.44	25.27	9.35	PASS
2704.00†	2617.40	-561.65	-231.07	2703.95	2661.39	-328.36	-256.87	151.75	238.80	25.78	9.50	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 50 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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
2804.00†	2712.78	-589.46	-242.51	2803.60	2758.39	-347.95	-268.60	151.90	247.16	26.33	9.62	PASS
2904.00†	2808.15	-617.26	-253.95	2903.24	2855.39	-367.53	-280.32	152.03	255.52	26.93	9.72	PASS
3004.00†	2903.52	-645.07	-265.38	3002.89	2952.38	-387.12	-292.04	152.16	263.88	27.56	9.80	PASS
3104.00†	2998.90	-672.87	-276.82	3102.54	3049.38	-406.71	-303.77	152.28	272.25	28.23	9.86	PASS
3204.00†	3094.27	-700.67	-288.26	3202.19	3146.38	-426.29	-315.49	152.39	280.61	28.94	9.91	PASS
3304.00†	3189.64	-728.48	-299.70	3301.84	3243.38	-445.88	-327.22	152.50	288.98	29.68	9.95	PASS
3404.00†	3285.02	-756.28	-311.14	3401.48	3340.38	-465.46	-338.94	152.60	297.35	30.45	9.98	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-C.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 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-C.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	1732.81	0.44	-36.50	-42.71	-62.33
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1732.81	0.44	-36.50	-42.71	-62.33
8.5in Open Hole	1750.00	17817.19	16067.19	1732.81	6994.00	-42.71	-62.33	-393.81	-3554.95

SURVEY PROGRAM - Offset Wellbore: BOST FARM 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-C.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 33N-11C-L PWB
1750.00	17817.19	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)		BOST FARM 33N-11C-L PWB



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 51 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 33N-11C-L PWB Offset Wellpath: BOST FARM 33N-11C-L (REV-C.0) PWP	
MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 52 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 34C-11-L PWB Offset Wellpath: BOST FARM 34C-11-L (REV-B.0) PWP

Facility: SEC.07-T05N-R66W Slot: SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07) Well: BOST FARM 34C-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	3.00	4.00	-0.36	60.15	90.35	60.15	1.26	197.29	PASS
104.00†	104.00	0.00	0.00	103.02	104.02	-0.37	60.15	90.35	60.15	2.19	48.24	PASS
204.00†	204.00	0.00	0.00	203.62	204.59	-2.15	59.57	92.06	59.61	3.22	25.94	PASS
250.00	250.00	0.00	0.00	249.82	250.75	-4.09	58.93	93.97	59.08	3.73	21.01	PASS
304.00†	304.00	-0.47	-0.19	303.99	304.82	-7.27	57.90	-105.70	58.49	4.31	17.17	PASS
404.00†	403.93	-3.83	-1.57	404.17	404.60	-15.70	55.15	-100.56	57.96	5.42	12.80	PASS
429.00†	428.88	-5.17	-2.13	429.00	429.28	-18.31	54.30	-99.26	57.94	5.71	12.01	PASS
504.00†	503.67	-10.41	-4.28	504.16	503.82	-27.43	51.33	-95.34	58.16	6.59	10.17	PASS
604.00†	603.10	-20.20	-8.31	603.96	602.36	-42.40	46.45	-90.21	59.09	7.88	8.41	PASS
704.00†	702.10	-33.20	-13.66	703.58	700.12	-60.60	40.52	-85.30	60.74	9.32	7.15	PASS
804.00†	800.55	-49.38	-20.32	803.01	796.98	-81.97	33.56	-80.74	63.06	10.92	6.24	PASS
904.00†	898.33	-68.74	-28.28	902.26	892.81	-106.47	25.57	-76.60	65.99	12.66	5.56	PASS
1004.00†	995.32	-91.23	-37.53	1001.32	987.53	-134.07	16.58	-72.91	69.45	14.52	5.05	PASS
1104.00†	1091.41	-116.85	-48.07	1100.21	1081.01	-164.70	6.60	-69.68	73.39	16.50	4.66	PASS
1124.85	1111.32	-122.58	-50.43	1120.80	1100.34	-171.46	4.39	-69.06	74.27	16.91	4.60	PASS
1204.00†	1186.80	-144.59	-59.48	1199.01	1173.26	-198.32	-4.36	-66.22	78.17	18.50	4.40	PASS
1304.00†	1282.18	-172.39	-70.92	1298.70	1265.88	-233.39	-15.79	-62.46	83.83	20.45	4.25	PASS
1404.00†	1377.55	-200.19	-82.36	1398.40	1358.51	-268.46	-27.21	-59.18	89.80	22.31	4.16	PASS
1504.00†	1472.92	-228.00	-93.80	1498.10	1451.13	-303.53	-38.64	-56.31	96.03	24.11	4.11	PASS
1604.00†	1568.30	-255.80	-105.24	1597.80	1543.75	-338.60	-50.07	-53.80	102.48	25.84	4.08	PASS
1704.00†	1663.67	-283.61	-116.68	1697.50	1636.38	-373.67	-61.50	-51.59	109.09	27.52	4.07	PASS
1804.00†	1759.04	-311.41	-128.12	1797.19	1729.00	-408.74	-72.93	-49.64	115.85	27.99	4.22	PASS
1904.00†	1854.42	-339.22	-139.56	1896.89	1821.62	-443.81	-84.35	-47.90	122.73	27.84	4.50	PASS
2004.00†	1949.79	-367.02	-151.00	1996.59	1914.25	-478.88	-95.78	-46.35	129.71	27.74	4.77	PASS
2104.00†	2045.16	-394.83	-162.43	2096.29	2006.87	-513.95	-107.21	-44.96	136.77	27.72	5.04	PASS
2204.00†	2140.54	-422.63	-173.87	2195.98	2099.50	-549.02	-118.64	-43.70	143.91	27.78	5.29	PASS
2304.00†	2235.91	-450.43	-185.31	2295.68	2192.12	-584.09	-130.06	-42.56	151.11	27.91	5.53	PASS
2404.00†	2331.28	-478.24	-196.75	2395.38	2284.74	-619.16	-141.49	-41.53	158.36	28.12	5.75	PASS
2504.00†	2426.66	-506.04	-208.19	2495.08	2377.37	-654.23	-152.92	-40.59	165.66	28.40	5.96	PASS
2604.00†	2522.03	-533.85	-219.63	2594.78	2469.99	-689.30	-164.35	-39.73	173.00	28.74	6.15	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 53 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 34C-11-L PWB Offset Wellpath: BOST FARM 34C-11-L (REV-B.0) PWP												
Facility: SEC.07-T05N-R66W Slot: SLOT#12 BOST FARM 34C-11-L (2666'FSL & 1274'FWL, SEC.07) Well: BOST FARM 34C-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†	2617.40	-561.65	-231.07	2694.47	2562.61	-724.37	-175.78	-38.93	180.38	29.15	6.32	PASS
2804.00†	2712.78	-589.46	-242.51	2794.17	2655.24	-759.44	-187.20	-38.20	187.79	29.61	6.47	PASS
2904.00†	2808.15	-617.26	-253.95	2893.87	2747.86	-794.51	-198.63	-37.53	195.22	30.13	6.61	PASS
3004.00†	2903.52	-645.07	-265.38	2993.57	2840.49	-829.58	-210.06	-36.90	202.68	30.70	6.73	PASS
3104.00†	2998.90	-672.87	-276.82	3093.26	2933.11	-864.65	-221.49	-36.32	210.17	31.31	6.84	PASS
3204.00†	3094.27	-700.67	-288.26	3192.96	3025.73	-899.72	-232.92	-35.78	217.67	31.98	6.94	PASS
3304.00†	3189.64	-728.48	-299.70	3292.66	3118.36	-934.79	-244.34	-35.28	225.19	32.68	7.02	PASS
3404.00†	3285.02	-756.28	-311.14	3392.36	3210.98	-969.86	-255.77	-34.81	232.73	33.42	7.09	PASS
3504.00†	3380.39	-784.09	-322.58	3492.06	3303.60	-1004.93	-267.20	-34.36	240.28	34.19	7.16	PASS
3604.00†	3475.76	-811.89	-334.02	3591.75	3396.23	-1040.00	-278.63	-33.95	247.85	35.00	7.21	PASS
3704.00†	3571.14	-839.70	-345.46	3691.45	3488.85	-1075.07	-290.06	-33.56	255.42	35.83	7.25	PASS
3804.00†	3666.51	-867.50	-356.90	3791.15	3581.48	-1110.14	-301.48	-33.19	263.01	36.70	7.29	PASS
3904.00†	3761.88	-895.31	-368.34	3890.85	3674.10	-1145.21	-312.91	-32.84	270.61	37.59	7.32	PASS
4004.00†	3857.26	-923.11	-379.77	3990.54	3766.72	-1180.28	-324.34	-32.51	278.22	38.50	7.34	PASS
4104.00†	3952.63	-950.91	-391.21	4090.24	3859.35	-1215.35	-335.77	-32.20	285.84	39.43	7.36	PASS
4204.00†	4048.00	-978.72	-402.65	4189.94	3951.97	-1250.42	-347.19	-31.91	293.46	40.39	7.38	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 34C-11-L PWB Offset Wellpath: BOST FARM 34C-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 54 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 34C-11-L PWB Offset 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	5.00	1685.16	-0.22	36.67	-119.64	-2.25
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1685.16	-0.22	36.67	-119.64	-2.25
8.5in Open Hole	1750.00	18133.95	16383.95	1685.16	7113.00	-119.64	-2.25	-796.61	-3424.08

SURVEY PROGRAM - Offset Wellbore: BOST FARM 34C-11-L PWB Offset 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

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 34C-11-L PWB Offset Wellpath: BOST FARM 34C-11-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 55 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	50.00	4.00	-819.93	-4971.86	-99.37	5039.01	52.63	97.52	PASS

C-C Clearance Distance Cutoff: 300.00 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

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
0.00	7490.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7490>

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 56 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	6.00	4.00	0.73	-79.92	-89.48	79.92	1.57	130.23	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	0.73	-79.92	-89.48	79.92	2.21	63.60	PASS
204.00†	204.00	0.00	0.00	206.00	204.00	0.73	-79.92	-89.48	79.92	3.21	35.20	PASS
250.00	250.00	0.00	0.00	252.00	250.00	0.73	-79.92	-89.48	79.92	3.69	28.98	PASS
304.00†	304.00	-0.47	-0.19	306.00	304.00	0.73	-79.92	68.50	79.73	4.26	23.90	PASS
404.00†	403.93	-3.83	-1.57	405.93	403.93	0.73	-79.92	70.99	78.48	5.36	17.65	PASS
504.00†	503.67	-10.41	-4.28	505.67	503.67	0.73	-79.92	76.07	76.45	6.46	13.74	PASS
604.00†	603.10	-20.20	-8.31	605.10	603.10	0.73	-79.92	83.98	74.60	7.55	11.18	PASS
662.82†	661.39	-27.46	-11.30	663.29	661.29	0.73	-79.92	89.96	74.19	8.23	10.08	PASS
704.00†	702.10	-33.20	-13.66	704.10	702.10	0.73	-79.92	94.69	74.44	8.72	9.47	PASS
804.00†	800.55	-49.38	-20.32	802.56	800.56	0.73	-79.92	107.38	77.87	10.05	8.46	PASS
904.00†	898.33	-68.74	-28.28	901.24	899.22	-0.73	-80.95	119.35	86.02	11.50	8.07	PASS
1004.00†	995.32	-91.23	-37.53	1000.55	998.38	-5.00	-83.97	128.72	97.99	13.02	8.05	PASS
1104.00†	1091.41	-116.85	-48.07	1100.47	1097.92	-12.13	-89.01	135.69	112.63	14.55	8.22	PASS
1124.85	1111.32	-122.58	-50.43	1121.38	1118.71	-13.98	-90.32	136.89	115.93	14.86	8.27	PASS
1204.00†	1186.80	-144.59	-59.48	1201.22	1197.91	-22.17	-96.11	140.62	128.26	15.96	8.49	PASS
1304.00†	1282.18	-172.39	-70.92	1303.10	1298.52	-35.25	-105.36	143.46	142.34	17.32	8.64	PASS
1404.00†	1377.55	-200.19	-82.36	1404.14	1397.74	-50.79	-116.35	144.88	154.54	18.63	8.69	PASS
1504.00†	1472.92	-228.00	-93.80	1503.38	1495.11	-66.48	-127.44	145.94	166.47	19.92	8.73	PASS
1604.00†	1568.30	-255.80	-105.24	1602.62	1592.47	-82.16	-138.53	146.86	178.45	21.22	8.76	PASS
1704.00†	1663.67	-283.61	-116.68	1701.86	1689.84	-97.84	-149.62	147.66	190.47	22.53	8.79	PASS
1804.00†	1759.04	-311.41	-128.12	1801.11	1787.21	-113.53	-160.71	148.37	202.52	22.93	9.08	PASS
1904.00†	1854.42	-339.22	-139.56	1900.35	1884.57	-129.21	-171.79	149.00	214.60	22.97	9.61	PASS
2004.00†	1949.79	-367.02	-151.00	1999.59	1981.94	-144.89	-182.88	149.56	226.70	23.07	10.11	PASS
2104.00†	2045.16	-394.83	-162.43	2098.83	2079.30	-160.58	-193.97	150.07	238.81	23.23	10.57	PASS
2204.00†	2140.54	-422.63	-173.87	2198.07	2176.67	-176.26	-205.06	150.52	250.95	23.45	11.00	PASS
2304.00†	2235.91	-450.43	-185.31	2297.32	2274.03	-191.94	-216.15	150.94	263.10	23.73	11.40	PASS
2404.00†	2331.28	-478.24	-196.75	2396.56	2371.40	-207.63	-227.24	151.31	275.26	24.07	11.75	PASS
2504.00†	2426.66	-506.04	-208.19	2495.80	2468.77	-223.31	-238.33	151.66	287.44	24.46	12.07	PASS
2604.00†	2522.03	-533.85	-219.63	2595.04	2566.13	-238.99	-249.42	151.98	299.62	24.90	12.36	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 57 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 12C-11-L PWB Offset Wellpath: BOST FARM 12C-11-L (REV-C.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-C.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	1737.07	0.44	-48.72	-31.92	-71.60
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1737.07	0.44	-48.72	-31.92	-71.60
8.5in Open Hole	1750.00	17947.67	16197.67	1737.07	7119.00	-31.92	-71.60	-326.18	-3561.03

SURVEY PROGRAM - Offset Wellbore: BOST FARM 12C-11-L PWB Offset Wellpath: BOST FARM 12C-11-L (REV-C.0) PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 12C-11-L PWB
1750.00	17947.67	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-C.0) PWP

MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 58 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	6.00	4.00	181.06	-118.62	-33.23	216.46	1.57	355.42	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	181.06	-118.62	-33.23	216.46	2.21	173.58	PASS
204.00†	204.00	0.00	0.00	206.00	204.00	181.06	-118.62	-33.23	216.46	3.21	96.06	PASS
250.00	250.00	0.00	0.00	252.05	250.05	181.06	-118.63	-33.23	216.46	3.69	79.11	PASS
304.00†	304.00	-0.47	-0.19	307.45	305.44	180.61	-118.97	124.38	216.56	4.27	65.13	PASS
404.00†	403.93	-3.83	-1.57	410.01	407.93	177.51	-121.33	124.20	217.35	5.48	47.92	PASS
504.00†	503.67	-10.41	-4.28	512.56	510.19	171.50	-125.91	123.89	218.92	6.80	37.35	PASS
604.00†	603.10	-20.20	-8.31	615.05	612.07	162.59	-132.70	123.44	221.28	8.09	30.90	PASS
704.00†	702.10	-33.20	-13.66	717.49	713.42	150.79	-141.69	122.86	224.44	9.43	26.38	PASS
804.00†	800.55	-49.38	-20.32	819.85	814.10	136.13	-152.87	122.17	228.41	10.75	23.24	PASS
904.00†	898.33	-68.74	-28.28	922.12	913.97	118.64	-166.20	121.37	233.19	12.37	20.35	PASS
1004.00†	995.32	-91.23	-37.53	1024.29	1012.90	98.35	-181.66	120.48	238.79	14.04	18.19	PASS
1104.00†	1091.41	-116.85	-48.07	1126.33	1110.73	75.29	-199.24	119.52	245.24	15.86	16.40	PASS
1124.85	1111.32	-122.58	-50.43	1147.59	1130.98	70.14	-203.16	119.31	246.68	16.27	16.06	PASS
1204.00†	1186.80	-144.59	-59.48	1228.23	1207.33	49.51	-218.88	118.38	252.00	17.77	14.93	PASS
1304.00†	1282.18	-172.39	-70.92	1329.79	1302.41	21.12	-240.52	116.56	258.11	19.96	13.53	PASS
1404.00†	1377.55	-200.19	-82.36	1430.77	1395.62	-9.75	-264.05	114.08	263.83	22.26	12.34	PASS
1504.00†	1472.92	-228.00	-93.80	1530.54	1486.41	-42.65	-289.12	111.05	269.60	24.71	11.31	PASS
1604.00†	1568.30	-255.80	-105.24	1629.27	1575.95	-75.74	-314.33	108.03	276.05	27.24	10.47	PASS
1704.00†	1663.67	-283.61	-116.68	1728.01	1665.49	-108.82	-339.55	105.16	283.24	29.63	9.85	PASS
1804.00†	1759.04	-311.41	-128.12	1826.74	1755.03	-141.91	-364.77	102.43	291.12	30.54	9.73	PASS
1904.00†	1854.42	-339.22	-139.56	1925.47	1844.57	-175.00	-389.98	99.84	299.63	30.66	9.98	PASS
2004.00†	1949.79	-367.02	-151.00	2024.21	1934.12	-208.08	-415.20	97.40	308.72	30.81	10.23	PASS
2104.00†	2045.16	-394.83	-162.43	2122.94	2023.66	-241.17	-440.42	95.11	318.35	30.99	10.49	PASS
2204.00†	2140.54	-422.63	-173.87	2221.67	2113.20	-274.26	-465.63	92.94	328.46	31.20	10.75	PASS
2304.00†	2235.91	-450.43	-185.31	2320.41	2202.74	-307.35	-490.85	90.91	339.01	31.46	11.00	PASS
2404.00†	2331.28	-478.24	-196.75	2419.14	2292.28	-340.43	-516.06	89.00	349.96	31.76	11.25	PASS
2504.00†	2426.66	-506.04	-208.19	2517.87	2381.82	-373.52	-541.28	87.21	361.28	32.10	11.49	PASS
2604.00†	2522.03	-533.85	-219.63	2616.61	2471.36	-406.61	-566.50	85.53	372.93	32.48	11.71	PASS
2704.00†	2617.40	-561.65	-231.07	2715.34	2560.90	-439.70	-591.71	83.95	384.88	32.91	11.93	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 59 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
2804.00†	2712.78	-589.46	-242.51	2814.07	2650.45	-472.78	-616.93	82.46	397.10	33.38	12.13	PASS
2904.00†	2808.15	-617.26	-253.95	2912.81	2739.99	-505.87	-642.15	81.06	409.58	33.89	12.32	PASS
3004.00†	2903.52	-645.07	-265.38	3011.54	2829.53	-538.96	-667.36	79.75	422.28	34.45	12.49	PASS
3104.00†	2998.90	-672.87	-276.82	3110.27	2919.07	-572.05	-692.58	78.51	435.19	35.04	12.65	PASS
3204.00†	3094.27	-700.67	-288.26	3209.01	3008.61	-605.13	-717.80	77.35	448.29	35.68	12.80	PASS
3304.00†	3189.64	-728.48	-299.70	3307.74	3098.15	-638.22	-743.01	76.25	461.56	36.34	12.93	PASS
3404.00†	3285.02	-756.28	-311.14	3406.47	3187.69	-671.31	-768.23	75.21	475.00	37.05	13.05	PASS
3504.00†	3380.39	-784.09	-322.58	3505.21	3277.23	-704.40	-793.44	74.22	488.57	37.79	13.16	PASS
3604.00†	3475.76	-811.89	-334.02	3603.94	3366.77	-737.48	-818.66	73.30	502.29	38.55	13.25	PASS
3704.00†	3571.14	-839.70	-345.46	3702.67	3456.32	-770.57	-843.88	72.42	516.12	39.35	13.34	PASS
3804.00†	3666.51	-867.50	-356.90	3801.41	3545.86	-803.66	-869.09	71.58	530.07	40.18	13.41	PASS
3904.00†	3761.88	-895.31	-368.34	3900.14	3635.40	-836.75	-894.31	70.79	544.13	41.03	13.48	PASS
4004.00†	3857.26	-923.11	-379.77	3998.87	3724.94	-869.83	-919.53	70.04	558.28	41.91	13.53	PASS
4104.00†	3952.63	-950.91	-391.21	4097.61	3814.48	-902.92	-944.74	69.33	572.52	42.81	13.58	PASS
4204.00†	4048.00	-978.72	-402.65	4196.34	3904.02	-936.01	-969.96	68.65	586.85	43.73	13.62	PASS
4304.00†	4143.37	-1006.52	-414.09	4295.07	3993.56	-969.10	-995.17	68.00	601.25	44.67	13.66	PASS
4404.00†	4238.75	-1034.33	-425.53	4393.81	4083.10	-1002.18	-1020.39	67.38	615.72	45.63	13.69	PASS
4504.00†	4334.12	-1062.13	-436.97	4492.54	4172.65	-1035.27	-1045.61	66.79	630.27	46.61	13.71	PASS
4604.00†	4429.49	-1089.94	-448.41	4591.27	4262.19	-1068.36	-1070.82	66.23	644.87	47.61	13.73	PASS
4704.00†	4524.87	-1117.74	-459.85	4690.00	4351.73	-1101.45	-1096.04	65.69	659.53	48.62	13.75	PASS
4804.00†	4620.24	-1145.55	-471.29	4788.74	4441.27	-1134.53	-1121.26	65.18	674.25	49.64	13.76	PASS
4904.00†	4715.61	-1173.35	-482.73	4887.47	4530.81	-1167.62	-1146.47	64.69	689.02	50.68	13.77	PASS
5004.00†	4810.99	-1201.16	-494.16	4986.20	4620.35	-1200.71	-1171.69	64.22	703.83	51.74	13.78	PASS
5104.00†	4906.36	-1228.96	-505.60	5084.94	4709.89	-1233.80	-1196.90	63.76	718.69	52.80	13.78	PASS
5204.00†	5001.73	-1256.76	-517.04	5183.67	4799.43	-1266.88	-1222.12	63.33	733.60	53.87	13.79	PASS
5304.00†	5097.11	-1284.57	-528.48	5282.40	4888.97	-1299.97	-1247.34	62.91	748.54	54.96	13.78	PASS
5404.00†	5192.48	-1312.37	-539.92	5381.14	4978.52	-1333.06	-1272.55	62.51	763.52	56.05	13.78	PASS
5504.00†	5287.85	-1340.18	-551.36	5479.87	5068.06	-1366.14	-1297.77	62.13	778.53	57.16	13.78	PASS
5604.00†	5383.23	-1367.98	-562.80	5578.60	5157.60	-1399.23	-1322.99	61.76	793.58	58.27	13.77	PASS
5704.00†	5478.60	-1395.79	-574.24	5677.34	5247.14	-1432.32	-1348.20	61.40	808.66	59.39	13.77	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 60 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
5804.00†	5573.97	-1423.59	-585.68	5776.07	5336.68	-1465.41	-1373.42	61.06	823.77	60.52	13.76	PASS
5904.00†	5669.35	-1451.40	-597.12	5874.80	5426.22	-1498.49	-1398.64	60.73	838.91	61.66	13.75	PASS
6004.00†	5764.72	-1479.20	-608.55	5973.54	5515.76	-1531.58	-1423.85	60.41	854.07	62.80	13.74	PASS
6104.00†	5860.09	-1507.00	-619.99	6072.27	5605.30	-1564.67	-1449.07	60.10	869.26	63.95	13.73	PASS
6204.00†	5955.47	-1534.81	-631.43	6171.00	5694.85	-1597.76	-1474.28	59.80	884.47	65.10	13.72	PASS
6304.00†	6050.84	-1562.61	-642.87	6269.74	5784.39	-1630.84	-1499.50	59.51	899.70	66.27	13.71	PASS
6404.00†	6146.21	-1590.42	-654.31	6368.47	5873.93	-1663.93	-1524.72	59.23	914.96	67.43	13.70	PASS
6504.00†	6241.59	-1618.22	-665.75	6467.20	5963.47	-1697.02	-1549.93	58.97	930.24	68.60	13.69	PASS
6604.00†	6336.96	-1646.03	-677.19	6566.03	6052.00	-1730.11	-1580.07	58.73	945.52	69.77	13.68	PASS
6704.00†	6432.33	-1673.83	-688.63	6664.86	6141.54	-1761.20	-1610.16	58.50	960.80	70.94	13.67	PASS
6804.00†	6527.71	-1701.64	-700.07	6763.69	6231.07	-1792.29	-1640.21	58.27	976.08	72.11	13.66	PASS
6831.79	6554.21	-1709.36	-703.25	6802.50	6260.60	-1799.91	-1647.83	58.25	979.99	72.33	13.66	PASS
6904.00†	6622.47	-1729.32	-715.55	6891.13	6350.13	-1831.00	-1677.88	58.03	995.27	73.49	13.65	PASS
7004.00†	6713.83	-1756.23	-745.70	6989.76	6439.66	-1862.09	-1707.93	57.80	1010.55	74.66	13.64	PASS
7104.00†	6799.47	-1781.68	-790.38	7088.39	6529.19	-1893.18	-1737.98	57.57	1025.83	75.82	13.63	PASS
7204.00†	6877.30	-1805.06	-848.48	7187.02	6618.72	-1924.27	-1768.03	57.34	1041.11	76.99	13.62	PASS
7304.00†	6945.39	-1825.79	-918.57	7285.65	6708.25	-1955.36	-1798.08	57.11	1056.39	78.15	13.61	PASS
7404.00†	7002.07	-1843.35	-998.94	7384.28	6797.78	-1986.45	-1828.13	56.88	1071.67	79.32	13.60	PASS
7504.00†	7045.94	-1857.32	-1087.59	7482.91	6887.31	-2017.54	-1858.18	56.65	1086.95	80.48	13.59	PASS
7604.00†	7075.92	-1867.35	-1182.36	7581.54	6976.84	-2048.63	-1888.23	56.42	1102.23	81.65	13.58	PASS
7704.00†	7091.27	-1873.20	-1280.90	7680.17	7066.37	-2079.72	-1918.28	56.19	1117.51	82.81	13.57	PASS
7777.19	7093.00	-1874.74	-1354.01	7718.80	7095.90	-2084.81	-1925.37	56.17	1121.42	83.03	13.57	PASS
7804.00†	7092.16	-1874.87	-1380.80	7717.43	7094.53	-2084.94	-1925.50	56.17	1121.29	83.03	13.57	PASS
7855.58†	7090.54	-1875.13	-1432.36	7715.81	7092.91	-2085.07	-1925.63	56.17	1121.16	83.03	13.57	PASS
7904.00†	7089.03	-1875.38	-1480.75	7714.19	7091.29	-2085.20	-1925.76	56.17	1121.03	83.03	13.57	PASS
8004.00†	7085.93	-1875.89	-1580.71	7710.10	7087.20	-2085.71	-1926.27	56.14	1120.54	83.00	13.56	PASS
8104.00†	7082.86	-1876.40	-1680.66	7706.01	7083.11	-2086.22	-1926.78	56.11	1120.05	82.97	13.56	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 61 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	2.00	1685.44	110.38	-72.31	19.77	-141.36
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1685.44	110.38	-72.31	19.77	-141.36
8.5in Open Hole	1750.00	18148.42	16398.42	1685.44	N/A	19.77	-141.36	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 62 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	6.00	4.00	1.09	-99.97	-89.37	99.97	1.57	163.30	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	1.09	-99.97	-89.37	99.97	2.21	79.75	PASS
204.00†	204.00	0.00	0.00	206.00	204.00	1.09	-99.97	-89.37	99.97	3.21	44.13	PASS
250.00	250.00	0.00	0.00	252.00	250.00	1.09	-99.97	-89.37	99.97	3.69	36.34	PASS
304.00†	304.00	-0.47	-0.19	306.00	304.00	1.09	-99.97	68.54	99.79	4.26	29.99	PASS
404.00†	403.93	-3.83	-1.57	405.93	403.93	1.09	-99.97	70.53	98.52	5.36	22.21	PASS
504.00†	503.67	-10.41	-4.28	505.67	503.67	1.09	-99.97	74.55	96.38	6.47	17.33	PASS
604.00†	603.10	-20.20	-8.31	605.10	603.10	1.09	-99.97	80.79	94.10	7.57	14.10	PASS
704.00†	702.10	-33.20	-13.66	704.10	702.10	1.09	-99.97	89.32	92.87	8.71	11.86	PASS
710.06†	708.08	-34.09	-14.02	710.21	708.21	1.09	-99.97	89.91	92.87	8.79	11.74	PASS
804.00†	800.55	-49.38	-20.32	802.55	800.55	1.09	-99.97	99.82	94.30	9.98	10.35	PASS
904.00†	898.33	-68.74	-28.28	900.33	898.33	1.09	-99.97	111.37	100.08	11.39	9.51	PASS
1004.00†	995.32	-91.23	-37.53	998.23	996.21	-0.16	-101.09	121.92	111.06	12.86	9.26	PASS
1104.00†	1091.41	-116.85	-48.07	1096.78	1094.63	-3.95	-104.46	130.15	126.24	14.35	9.36	PASS
1124.85	1111.32	-122.58	-50.43	1117.41	1115.21	-5.06	-105.45	131.59	129.82	14.65	9.41	PASS
1204.00†	1186.80	-144.59	-59.48	1196.24	1193.71	-10.33	-110.15	136.20	143.66	15.74	9.66	PASS
1304.00†	1282.18	-172.39	-70.92	1296.99	1293.72	-19.41	-118.23	139.94	160.54	17.09	9.89	PASS
1404.00†	1377.55	-200.19	-82.36	1398.83	1394.31	-31.26	-128.78	142.00	176.00	18.45	10.01	PASS
1504.00†	1472.92	-228.00	-93.80	1497.70	1491.69	-44.07	-140.19	143.23	190.62	19.75	10.09	PASS
1604.00†	1568.30	-255.80	-105.24	1596.55	1589.04	-56.87	-151.60	144.28	205.31	21.06	10.17	PASS
1704.00†	1663.67	-283.61	-116.68	1695.40	1686.39	-69.68	-163.01	145.19	220.06	22.38	10.23	PASS
1804.00†	1759.04	-311.41	-128.12	1794.25	1783.74	-82.49	-174.41	145.99	234.86	22.82	10.59	PASS
1904.00†	1854.42	-339.22	-139.56	1893.10	1881.09	-95.29	-185.82	146.70	249.70	22.88	11.23	PASS
2004.00†	1949.79	-367.02	-151.00	1991.95	1978.44	-108.10	-197.23	147.32	264.57	22.97	11.85	PASS
2104.00†	2045.16	-394.83	-162.43	2090.80	2075.79	-120.91	-208.63	147.88	279.47	23.12	12.44	PASS
2204.00†	2140.54	-422.63	-173.87	2189.65	2173.14	-133.72	-220.04	148.38	294.39	23.34	12.98	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 63 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 12N-11B-L PWB Offset Wellpath: BOST FARM 12N-11B-L (REV-C.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-C.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	1740.16	0.67	-60.94	-23.06	-82.07
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1740.16	0.67	-60.94	-23.06	-82.07
8.5in Open Hole	1750.00	17713.73	15963.73	1740.16	6964.00	-23.06	-82.07	-260.99	-3567.11

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

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 12N-11B-L PWB
1750.00	17713.73	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-C.0) PWP

MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 64 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	5.00	4.00	180.70	-78.53	-23.49	197.02	1.57	325.06	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	180.70	-78.53	-23.49	197.02	2.20	158.56	PASS
204.00†	204.00	0.00	0.00	205.00	204.00	180.70	-78.53	-23.49	197.02	3.20	87.60	PASS
250.00	250.00	0.00	0.00	251.03	250.03	180.70	-78.53	-23.49	197.02	3.68	72.12	PASS
304.00†	304.00	-0.47	-0.19	306.48	305.48	180.30	-78.91	134.11	197.17	4.27	59.29	PASS
404.00†	403.93	-3.83	-1.57	409.16	408.08	177.52	-81.60	133.83	198.26	5.53	43.21	PASS
504.00†	503.67	-10.41	-4.28	511.80	510.43	172.11	-86.84	133.31	200.43	6.93	33.44	PASS
604.00†	603.10	-20.20	-8.31	614.35	612.37	164.07	-94.61	132.56	203.69	8.26	27.79	PASS
704.00†	702.10	-33.20	-13.66	716.79	713.73	153.42	-104.90	131.60	208.06	9.60	23.97	PASS
804.00†	800.55	-49.38	-20.32	819.10	814.36	140.20	-117.69	130.47	213.57	10.91	21.38	PASS
904.00†	898.33	-68.74	-28.28	921.24	914.11	124.43	-132.94	129.18	220.26	12.49	19.02	PASS
1004.00†	995.32	-91.23	-37.53	1023.18	1012.83	106.15	-150.62	127.78	228.16	14.12	17.27	PASS
1104.00†	1091.41	-116.85	-48.07	1124.91	1110.37	85.41	-170.68	126.29	237.27	15.89	15.83	PASS
1124.85	1111.32	-122.58	-50.43	1146.09	1130.55	80.77	-175.16	125.97	239.33	16.28	15.56	PASS
1204.00†	1186.80	-144.59	-59.48	1226.39	1206.60	62.24	-193.08	124.67	247.02	17.74	14.66	PASS
1304.00†	1282.18	-172.39	-70.92	1327.47	1301.25	36.75	-217.73	122.45	256.23	19.87	13.51	PASS
1404.00†	1377.55	-200.19	-82.36	1426.61	1393.32	10.33	-243.28	119.98	265.45	22.07	12.53	PASS
1504.00†	1472.92	-228.00	-93.80	1525.54	1485.19	-16.05	-268.79	117.67	275.13	24.35	11.73	PASS
1604.00†	1568.30	-255.80	-105.24	1624.47	1577.06	-42.44	-294.31	115.52	285.22	26.68	11.05	PASS
1704.00†	1663.67	-283.61	-116.68	1723.40	1668.94	-68.82	-319.82	113.52	295.68	28.94	10.54	PASS
1804.00†	1759.04	-311.41	-128.12	1822.34	1760.81	-95.20	-345.33	111.65	306.49	29.82	10.50	PASS
1904.00†	1854.42	-339.22	-139.56	1921.27	1852.68	-121.58	-370.85	109.92	317.59	29.96	10.83	PASS
2004.00†	1949.79	-367.02	-151.00	2020.20	1944.56	-147.97	-396.36	108.30	328.96	30.14	11.15	PASS
2104.00†	2045.16	-394.83	-162.43	2119.13	2036.43	-174.35	-421.87	106.79	340.58	30.36	11.46	PASS
2204.00†	2140.54	-422.63	-173.87	2218.07	2128.30	-200.73	-447.39	105.38	352.42	30.63	11.76	PASS
2304.00†	2235.91	-450.43	-185.31	2317.00	2220.18	-227.11	-472.90	104.06	364.45	30.94	12.03	PASS
2404.00†	2331.28	-478.24	-196.75	2415.93	2312.05	-253.50	-498.41	102.83	376.67	31.29	12.29	PASS
2504.00†	2426.66	-506.04	-208.19	2514.86	2403.92	-279.88	-523.92	101.67	389.04	31.69	12.54	PASS
2604.00†	2522.03	-533.85	-219.63	2613.80	2495.80	-306.26	-549.44	100.58	401.57	32.13	12.76	PASS
2704.00†	2617.40	-561.65	-231.07	2712.73	2587.67	-332.64	-574.95	99.56	414.23	32.61	12.96	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 65 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
2804.00†	2712.78	-589.46	-242.51	2811.66	2679.54	-359.03	-600.46	98.61	427.01	33.13	13.15	PASS
2904.00†	2808.15	-617.26	-253.95	2910.60	2771.42	-385.41	-625.98	97.70	439.90	33.69	13.32	PASS
3004.00†	2903.52	-645.07	-265.38	3009.53	2863.29	-411.79	-651.49	96.85	452.89	34.29	13.47	PASS
3104.00†	2998.90	-672.87	-276.82	3108.46	2955.16	-438.17	-677.00	96.05	465.98	34.92	13.60	PASS
3204.00†	3094.27	-700.67	-288.26	3207.39	3047.04	-464.56	-702.52	95.28	479.15	35.59	13.72	PASS
3304.00†	3189.64	-728.48	-299.70	3306.33	3138.91	-490.94	-728.03	94.56	492.41	36.28	13.82	PASS
3404.00†	3285.02	-756.28	-311.14	3405.26	3230.78	-517.32	-753.54	93.88	505.73	37.01	13.91	PASS
3504.00†	3380.39	-784.09	-322.58	3504.19	3322.66	-543.70	-779.06	93.23	519.12	37.77	13.99	PASS
3604.00†	3475.76	-811.89	-334.02	3603.12	3414.53	-570.09	-804.57	92.62	532.58	38.56	14.05	PASS
3704.00†	3571.14	-839.70	-345.46	3702.06	3506.40	-596.47	-830.08	92.04	546.09	39.37	14.11	PASS
3804.00†	3666.51	-867.50	-356.90	3800.99	3598.28	-622.85	-855.59	91.48	559.65	40.20	14.15	PASS
3904.00†	3761.88	-895.31	-368.34	3899.92	3690.15	-649.23	-881.11	90.95	573.26	41.06	14.19	PASS
4004.00†	3857.26	-923.11	-379.77	3998.85	3782.02	-675.62	-906.62	90.44	586.92	41.94	14.22	PASS
4104.00†	3952.63	-950.91	-391.21	4097.79	3873.89	-702.00	-932.13	89.96	600.63	42.84	14.24	PASS
4204.00†	4048.00	-978.72	-402.65	4196.72	3965.77	-728.38	-957.65	89.50	614.37	43.76	14.26	PASS
4304.00†	4143.37	-1006.52	-414.09	4295.65	4057.64	-754.76	-983.16	89.06	628.15	44.69	14.27	PASS
4404.00†	4238.75	-1034.33	-425.53	4394.58	4149.51	-781.15	-1008.67	88.64	641.96	45.64	14.27	PASS
4504.00†	4334.12	-1062.13	-436.97	4493.52	4241.39	-807.53	-1034.19	88.23	655.81	46.61	14.27	PASS
4604.00†	4429.49	-1089.94	-448.41	4592.45	4333.26	-833.91	-1059.70	87.85	669.69	47.60	14.27	PASS
4704.00†	4524.87	-1117.74	-459.85	4691.38	4425.13	-860.30	-1085.21	87.47	683.60	48.59	14.26	PASS
4804.00†	4620.24	-1145.55	-471.29	4790.31	4517.01	-886.68	-1110.73	87.12	697.53	49.60	14.25	PASS
4904.00†	4715.61	-1173.35	-482.73	4889.25	4608.88	-913.06	-1136.24	86.77	711.49	50.62	14.24	PASS
5004.00†	4810.99	-1201.16	-494.16	4988.18	4700.75	-939.44	-1161.75	86.44	725.48	51.65	14.23	PASS
5104.00†	4906.36	-1228.96	-505.60	5087.11	4792.63	-965.83	-1187.26	86.13	739.48	52.70	14.21	PASS
5204.00†	5001.73	-1256.76	-517.04	5186.04	4884.50	-992.21	-1212.78	85.82	753.51	53.75	14.19	PASS
5304.00†	5097.11	-1284.57	-528.48	5284.98	4976.37	-1018.59	-1238.29	85.53	767.56	54.82	14.17	PASS
5404.00†	5192.48	-1312.37	-539.92	5383.91	5068.25	-1044.97	-1263.80	85.24	781.63	55.89	14.15	PASS
5504.00†	5287.85	-1340.18	-551.36	5482.84	5160.12	-1071.36	-1289.32	84.97	795.72	56.97	14.13	PASS
5604.00†	5383.23	-1367.98	-562.80	5581.77	5251.99	-1097.74	-1314.83	84.71	809.82	58.06	14.11	PASS
5704.00†	5478.60	-1395.79	-574.24	5680.71	5343.87	-1124.12	-1340.34	84.45	823.94	59.15	14.09	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 66 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
5804.00†	5573.97	-1423.59	-585.68	5779.64	5435.74	-1150.50	-1365.86	84.20	838.07	60.26	14.06	PASS
5904.00†	5669.35	-1451.40	-597.12	5878.57	5527.61	-1176.89	-1391.37	83.97	852.22	61.37	14.04	PASS
6004.00†	5764.72	-1479.20	-608.55	5977.50	5619.49	-1203.27	-1416.88	83.73	866.39	62.48	14.01	PASS
6104.00†	5860.09	-1507.00	-619.99	6076.44	5711.36	-1229.65	-1442.40	83.51	880.56	63.60	13.99	PASS
6204.00†	5955.47	-1534.81	-631.43	6175.37	5803.23	-1256.03	-1467.91	83.30	894.75	64.73	13.96	PASS
6304.00†	6050.84	-1562.61	-642.87	6274.30	5895.11	-1282.42	-1493.42	83.09	908.96	65.87	13.94	PASS
6404.00†	6146.21	-1590.42	-654.31	6373.23	5986.98	-1308.80	-1518.93	82.88	923.17	67.00	13.91	PASS
6504.00†	6241.59	-1618.22	-665.75	6472.17	6078.85	-1335.18	-1544.45	82.69	937.39	68.15	13.89	PASS
6604.00†	6336.96	-1646.03	-677.19	6571.06	6170.72	-1362.56	-1571.97	82.50	951.60	69.29	13.86	PASS
6704.00†	6432.33	-1673.83	-688.63	6669.93	6262.59	-1389.94	-1599.49	82.31	965.81	70.42	13.83	PASS
6804.00†	6527.71	-1701.64	-700.07	6768.80	6354.46	-1417.32	-1627.01	82.12	980.02	71.55	13.80	PASS
6831.79	6554.21	-1709.36	-703.25	6817.69	6386.94	-1424.04	-1634.73	82.05	986.23	71.99	13.79	PASS
6904.00†	6622.47	-1729.32	-715.55	6916.56	6478.81	-1451.42	-1662.25	81.86	1000.44	73.08	13.76	PASS
7004.00†	6713.83	-1756.23	-745.70	7015.43	6570.68	-1478.80	-1689.77	81.67	1014.65	74.17	13.73	PASS
7104.00†	6799.47	-1781.68	-790.38	7114.30	6662.55	-1506.18	-1717.29	81.48	1028.86	75.26	13.70	PASS
7204.00†	6877.30	-1805.06	-848.48	7213.17	6754.42	-1533.56	-1744.81	81.29	1043.07	76.35	13.67	PASS
7304.00†	6945.39	-1825.79	-918.57	7312.04	6846.29	-1560.94	-1772.33	81.10	1057.28	77.44	13.64	PASS
7404.00†	7002.07	-1843.35	-998.94	7410.91	6938.16	-1588.32	-1800.85	80.91	1071.49	78.53	13.61	PASS
7504.00†	7045.94	-1857.32	-1087.59	7509.78	7029.99	-1615.70	-1828.37	80.72	1085.70	79.62	13.58	PASS
7604.00†	7075.92	-1867.35	-1182.36	7608.65	7121.82	-1643.08	-1855.89	80.53	1099.91	80.71	13.55	PASS
7704.00†	7091.27	-1873.20	-1280.90	7707.52	7213.65	-1670.46	-1883.41	80.34	1114.12	81.80	13.52	PASS
7777.19	7093.00	-1874.74	-1354.01	7756.39	7245.97	-1678.51	-1895.93	80.27	1119.93	82.29	13.51	PASS
7804.00†	7092.16	-1874.87	-1380.80	7755.46	7245.14	-1678.64	-1896.06	80.26	1120.06	82.30	13.50	PASS
7834.56†	7091.20	-1875.03	-1411.35	7754.53	7244.27	-1678.77	-1896.19	80.25	1120.19	82.31	13.49	PASS
7904.00†	7089.03	-1875.38	-1480.75	7753.60	7243.40	-1678.90	-1896.32	80.24	1120.32	82.32	13.48	PASS
8004.00†	7085.93	-1875.89	-1580.71	7752.67	7242.53	-1679.03	-1896.45	80.23	1120.45	82.33	13.47	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 67 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	3.00	1693.64	110.15	-47.87	31.94	-123.51
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1693.64	110.15	-47.87	31.94	-123.51
8.5in Open Hole	1750.00	18154.98	16404.98	1693.64	7341.00	31.94	-123.51	-447.57	2723.00

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 68 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	17.00	4.00	-411.16	-2729.55	-98.57	2760.34	51.00	55.14	PASS

C-C Clearance Distance Cutoff: 300.00 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 69 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	17.00	4.00	-411.17	-2650.74	-98.82	2682.44	51.00	53.59	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 9-12 AWB Offset Wellpath: EX. SHEEP 9-12 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 70 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	7.00	4.00	1.09	-120.02	-89.48	120.02	1.57	195.35	PASS
104.00†	104.00	0.00	0.00	107.00	104.00	1.09	-120.02	-89.48	120.02	2.21	95.52	PASS
204.00†	204.00	0.00	0.00	207.00	204.00	1.09	-120.02	-89.48	120.02	3.21	52.95	PASS
250.00	250.00	0.00	0.00	253.00	250.00	1.09	-120.02	-89.48	120.02	3.69	43.62	PASS
304.00†	304.00	-0.47	-0.19	307.00	304.00	1.09	-120.02	68.39	119.83	4.26	36.02	PASS
404.00†	403.93	-3.83	-1.57	406.93	403.93	1.09	-120.02	70.04	118.55	5.36	26.72	PASS
504.00†	503.67	-10.41	-4.28	506.67	503.67	1.09	-120.02	73.37	116.31	6.48	20.90	PASS
604.00†	603.10	-20.20	-8.31	606.10	603.10	1.09	-120.02	78.52	113.72	7.59	17.02	PASS
704.00†	702.10	-33.20	-13.66	705.10	702.10	1.09	-120.02	85.56	111.75	8.73	14.27	PASS
755.95†	753.33	-41.21	-16.95	755.91	752.91	1.09	-120.02	89.92	111.41	9.36	13.15	PASS
804.00†	800.55	-49.38	-20.32	803.55	800.55	1.09	-120.02	94.41	111.75	9.96	12.31	PASS
904.00†	898.33	-68.74	-28.28	901.33	898.33	1.09	-120.02	104.55	115.29	11.33	11.03	PASS
1004.00†	995.32	-91.23	-37.53	998.32	995.32	1.09	-120.02	115.08	123.81	12.78	10.39	PASS
1104.00†	1091.41	-116.85	-48.07	1095.06	1092.04	0.08	-121.23	124.46	137.93	14.25	10.31	PASS
1124.85	1111.32	-122.58	-50.43	1115.30	1112.27	-0.40	-121.80	126.14	141.50	14.55	10.34	PASS
1204.00†	1186.80	-144.59	-59.48	1192.69	1189.54	-3.07	-124.98	131.68	155.97	15.62	10.57	PASS
1304.00†	1282.18	-172.39	-70.92	1291.70	1288.20	-8.44	-131.39	136.46	174.85	16.94	10.89	PASS
1404.00†	1377.55	-200.19	-82.36	1391.91	1387.69	-16.09	-140.53	139.37	193.34	18.26	11.12	PASS
1504.00†	1472.92	-228.00	-93.80	1490.83	1485.57	-25.26	-151.48	141.10	211.16	19.56	11.30	PASS
1604.00†	1568.30	-255.80	-105.24	1589.06	1582.76	-34.45	-162.44	142.52	229.08	20.85	11.47	PASS
1704.00†	1663.67	-283.61	-116.68	1687.30	1679.95	-43.63	-173.40	143.74	247.13	22.15	11.62	PASS
1804.00†	1759.04	-311.41	-128.12	1785.53	1777.13	-52.81	-184.36	144.79	265.26	22.59	12.09	PASS
1904.00†	1854.42	-339.22	-139.56	1883.76	1874.32	-62.00	-195.32	145.70	283.47	22.67	12.88	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 12N-11C-L PWB Offset Wellpath: BOST FARM 12N-11C-L (REV-C.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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 71 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 12N-11C-L PWB Offset Wellpath: BOST FARM 12N-11C-L (REV-C.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	1741.98	0.67	-73.16	-14.75	-91.57
9.625in Casing Surface	4.00	1750.00	1746.00	1.00	1741.98	0.67	-73.16	-14.75	-91.57
8.5in Open Hole	1750.00	17751.63	16001.63	1741.98	N/A	-14.75	-91.57	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: BOST FARM 12N-11C-L PWB Offset Wellpath: BOST FARM 12N-11C-L (REV-C.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 12N-11C-L PWB
1750.00	17751.63	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-C.0) PWP	
MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 72 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	17.00	4.00	-382.74	-2732.05	-97.98	2758.73	51.00	55.11
PASS											

C-C Clearance Distance Cutoff: 300.00 ft

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



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 73 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	17.00	4.00	-359.43	-2735.95	-97.48	2759.45	51.00	55.13	PASS

C-C Clearance Distance Cutoff: 300.00 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



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 74 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	6.00	4.00	181.06	-138.40	-37.39	227.90	1.57	374.28	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	181.06	-138.40	-37.39	227.90	2.21	182.79	PASS
204.00†	204.00	0.00	0.00	206.00	204.00	181.06	-138.40	-37.39	227.90	3.21	101.16	PASS
250.00	250.00	0.00	0.00	252.05	250.05	181.06	-138.40	-37.39	227.90	3.69	83.31	PASS
304.00†	304.00	-0.47	-0.19	307.43	305.42	180.59	-138.72	120.22	227.98	4.27	68.61	PASS
404.00†	403.93	-3.83	-1.57	409.97	407.89	177.38	-140.92	120.09	228.62	5.46	50.67	PASS
504.00†	503.67	-10.41	-4.28	512.49	510.13	171.15	-145.18	119.85	229.90	6.74	39.60	PASS
604.00†	603.10	-20.20	-8.31	614.98	611.99	161.90	-151.51	119.51	231.83	8.03	32.69	PASS
704.00†	702.10	-33.20	-13.66	717.43	713.36	149.66	-159.88	119.07	234.40	9.36	27.80	PASS
804.00†	800.55	-49.38	-20.32	819.82	814.07	134.45	-170.29	118.53	237.63	10.68	24.35	PASS
904.00†	898.33	-68.74	-28.28	922.14	913.99	116.29	-182.71	117.92	241.51	12.32	21.18	PASS
1004.00†	995.32	-91.23	-37.53	1024.39	1012.99	95.21	-197.13	117.23	246.06	14.00	18.79	PASS
1104.00†	1091.41	-116.85	-48.07	1126.55	1110.94	71.25	-213.53	116.47	251.27	15.84	16.82	PASS
1124.85	1111.32	-122.58	-50.43	1147.84	1131.21	65.89	-217.19	116.31	252.44	16.25	16.45	PASS
1204.00†	1186.80	-144.59	-59.48	1228.59	1207.67	44.46	-231.86	115.52	256.68	17.78	15.20	PASS
1304.00†	1282.18	-172.39	-70.92	1330.32	1302.90	14.93	-252.06	113.88	261.40	19.99	13.69	PASS
1404.00†	1377.55	-200.19	-82.36	1431.49	1396.28	-17.18	-274.03	111.55	265.67	22.31	12.40	PASS
1504.00†	1472.92	-228.00	-93.80	1531.68	1487.37	-51.61	-297.58	108.59	269.90	24.78	11.29	PASS
1604.00†	1568.30	-255.80	-105.24	1630.47	1576.65	-86.50	-321.45	105.51	274.74	27.33	10.38	PASS
1704.00†	1663.67	-283.61	-116.68	1729.25	1665.93	-121.39	-345.32	102.55	280.35	29.73	9.71	PASS
1804.00†	1759.04	-311.41	-128.12	1828.03	1755.21	-156.28	-369.19	99.70	286.70	30.64	9.55	PASS
1904.00†	1854.42	-339.22	-139.56	1926.82	1844.49	-191.17	-393.06	96.98	293.74	30.75	9.75	PASS

C-C Clearance Distance Cutoff: 300.00 ft

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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 75 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	2.00	1684.68	110.38	-84.37	15.95	-148.97
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1684.68	110.38	-84.37	15.95	-148.97
8.5in Open Hole	1750.00	18450.73	16700.73	1684.68	N/A	15.95	-148.97	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 76 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	8.00	4.00	1.09	-140.07	-89.55	140.07	1.58	227.07	PASS
104.00†	104.00	0.00	0.00	108.00	104.00	1.09	-140.07	-89.55	140.07	2.22	111.15	PASS
204.00†	204.00	0.00	0.00	208.00	204.00	1.09	-140.07	-89.55	140.07	3.22	61.72	PASS
250.00	250.00	0.00	0.00	254.00	250.00	1.09	-140.07	-89.55	140.07	3.70	50.86	PASS
304.00†	304.00	-0.47	-0.19	308.00	304.00	1.09	-140.07	68.28	139.88	4.27	42.02	PASS
404.00†	403.93	-3.83	-1.57	407.93	403.93	1.09	-140.07	69.70	138.58	5.37	31.23	PASS
504.00†	503.67	-10.41	-4.28	507.67	503.67	1.09	-140.07	72.54	136.27	6.49	24.46	PASS
604.00†	603.10	-20.20	-8.31	607.10	603.10	1.09	-140.07	76.92	133.47	7.60	19.95	PASS
704.00†	702.10	-33.20	-13.66	706.10	702.10	1.09	-140.07	82.90	130.98	8.74	16.71	PASS
797.50†	794.17	-48.24	-19.84	798.23	794.23	1.09	-140.07	89.95	129.95	9.88	14.47	PASS
804.00†	800.55	-49.38	-20.32	804.55	800.55	1.09	-140.07	90.49	129.95	9.96	14.34	PASS
904.00†	898.33	-68.74	-28.28	902.33	898.33	1.09	-140.07	99.38	131.81	11.30	12.66	PASS
1004.00†	995.32	-91.23	-37.53	999.32	995.32	1.09	-140.07	109.01	137.98	12.73	11.64	PASS
1104.00†	1091.41	-116.85	-48.07	1095.41	1091.41	1.09	-140.07	118.58	149.58	14.21	11.22	PASS
1124.85	1111.32	-122.58	-50.43	1115.20	1111.20	1.07	-140.10	120.48	152.75	14.52	11.20	PASS
1204.00†	1186.80	-144.59	-59.48	1190.63	1186.61	0.43	-141.34	126.87	166.53	15.59	11.32	PASS
1304.00†	1282.18	-172.39	-70.92	1287.11	1282.98	-1.72	-145.49	132.74	186.25	16.88	11.64	PASS
1404.00†	1377.55	-200.19	-82.36	1384.73	1380.26	-5.41	-152.62	136.61	207.09	18.14	12.00	PASS
1504.00†	1472.92	-228.00	-93.80	1482.81	1477.70	-10.57	-162.57	138.99	228.10	19.41	12.31	PASS
1604.00†	1568.30	-255.80	-105.24	1580.27	1574.43	-16.02	-173.11	140.78	249.28	20.68	12.59	PASS
1704.00†	1663.67	-283.61	-116.68	1677.73	1671.17	-21.48	-183.64	142.30	270.65	21.95	12.85	PASS
1804.00†	1759.04	-311.41	-128.12	1775.19	1767.90	-26.94	-194.18	143.59	292.18	22.41	13.43	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 32C-11-L2 PWB Offset Wellpath: BOST FARM 32C-11-L2 (REV-C.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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 77 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 32C-11-L2 PWB Offset Wellpath: BOST FARM 32C-11-L2 (REV-C.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	1742.90	0.67	-85.38	-7.45	-101.05
9.625in Casing Surface	4.00	1750.00	1746.00	0.00	1742.90	0.67	-85.38	-7.45	-101.05
8.5in Open Hole	1750.00	17835.94	16085.94	1742.90	7120.00	-7.45	-101.05	-126.96	-3579.27

SURVEY PROGRAM - Offset Wellbore: BOST FARM 32C-11-L2 PWB Offset Wellpath: BOST FARM 32C-11-L2 (REV-C.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 32C-11-L2 PWB
1750.00	17835.94	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-C.0) PWP	
MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 78 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-C.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	8.00	4.00	1.46	-159.84	-89.48	159.84	1.58	259.34	PASS
104.00†	104.00	0.00	0.00	108.00	104.00	1.46	-159.84	-89.48	159.84	2.22	126.95	PASS
204.00†	204.00	0.00	0.00	208.00	204.00	1.46	-159.84	-89.48	159.84	3.22	70.49	PASS
250.00	250.00	0.00	0.00	254.00	250.00	1.46	-159.84	-89.48	159.84	3.70	58.09	PASS
304.00†	304.00	-0.47	-0.19	308.00	304.00	1.46	-159.84	68.33	159.66	4.27	48.00	PASS
404.00†	403.93	-3.83	-1.57	407.93	403.93	1.46	-159.84	69.58	158.35	5.37	35.72	PASS
504.00†	503.67	-10.41	-4.28	507.67	503.67	1.46	-159.84	72.07	156.01	6.50	28.01	PASS
604.00†	603.10	-20.20	-8.31	607.10	603.10	1.46	-159.84	75.88	153.07	7.61	22.87	PASS
704.00†	702.10	-33.20	-13.66	706.10	702.10	1.46	-159.84	81.09	150.23	8.75	19.16	PASS
804.00†	800.55	-49.38	-20.32	804.55	800.55	1.46	-159.84	87.70	148.50	9.96	16.40	PASS
833.36†	829.33	-54.74	-22.52	833.65	829.65	1.46	-159.84	89.92	148.37	10.05	16.22	PASS
904.00†	898.33	-68.74	-28.28	902.33	898.33	1.46	-159.84	95.57	149.11	11.28	14.36	PASS
1004.00†	995.32	-91.23	-37.53	999.32	995.32	1.46	-159.84	104.31	153.46	12.70	13.00	PASS
1104.00†	1091.41	-116.85	-48.07	1095.41	1091.41	1.46	-159.84	113.31	162.75	14.19	12.24	PASS
1124.85	1111.32	-122.58	-50.43	1115.32	1111.32	1.46	-159.84	115.16	165.39	14.50	12.15	PASS
1204.00†	1186.80	-144.59	-59.48	1190.80	1186.80	1.46	-159.84	121.91	177.20	15.61	12.03	PASS
1304.00†	1282.18	-172.39	-70.92	1284.45	1280.44	1.24	-161.06	128.75	195.65	16.91	12.21	PASS
1404.00†	1377.55	-200.19	-82.36	1378.72	1374.60	0.50	-165.33	133.65	217.19	18.14	12.59	PASS
1504.00†	1472.92	-228.00	-93.80	1473.64	1469.23	-0.79	-172.70	136.95	240.55	19.35	13.03	PASS
1604.00†	1568.30	-255.80	-105.24	1569.52	1564.54	-2.58	-182.95	139.07	264.90	20.59	13.45	PASS
1704.00†	1663.67	-283.61	-116.68	1666.10	1660.49	-4.47	-193.74	140.76	289.60	21.83	13.83	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-C.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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 79 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-C.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	1743.85	0.89	-97.44	-1.42	-110.63
9.625in Casing Surface	4.00	1750.00	1746.00	0.00	1743.85	0.89	-97.44	-1.42	-110.63
8.5in Open Hole	1750.00	17624.98	15874.98	1743.85	6967.00	-1.42	-110.63	-60.66	-3585.27

SURVEY PROGRAM - Offset Wellbore: BOST FARM 32N-11B-L PWB Offset Wellpath: BOST FARM 32N-11B-L (REV-C.0) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
4.00	1750.00	BHI NaviTrak (Axial)		BOST FARM 32N-11B-L PWB
1750.00	17624.98	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-C.0) PWP	
MD Reference: IKON 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 80 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	5.00	4.00	180.70	-58.48	-17.93	189.93	1.57	313.29	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	180.70	-58.48	-17.93	189.93	2.20	152.82	PASS
204.00†	204.00	0.00	0.00	205.00	204.00	180.70	-58.48	-17.93	189.93	3.20	84.43	PASS
250.00	250.00	0.00	0.00	251.03	250.03	180.70	-58.48	-17.93	189.93	3.68	69.51	PASS
304.00†	304.00	-0.47	-0.19	306.51	305.51	180.33	-58.89	139.65	190.10	4.28	57.11	PASS
404.00†	403.93	-3.83	-1.57	409.24	408.15	177.75	-61.78	139.30	191.35	5.56	41.41	PASS
504.00†	503.67	-10.41	-4.28	511.89	510.53	172.73	-67.40	138.63	193.84	7.00	31.94	PASS
604.00†	603.10	-20.20	-8.31	614.44	612.46	165.29	-75.75	137.67	197.59	8.35	26.62	PASS
704.00†	702.10	-33.20	-13.66	716.84	713.78	155.43	-86.80	136.45	202.65	9.70	23.09	PASS
804.00†	800.55	-49.38	-20.32	819.05	814.32	143.19	-100.51	135.01	209.06	10.99	20.75	PASS
904.00†	898.33	-68.74	-28.28	921.04	913.92	128.61	-116.85	133.40	216.88	12.56	18.62	PASS
1004.00†	995.32	-91.23	-37.53	1022.76	1012.42	111.73	-135.77	131.67	226.13	14.16	17.06	PASS
1104.00†	1091.41	-116.85	-48.07	1124.18	1109.67	92.59	-157.22	129.86	236.88	15.90	15.79	PASS
1124.85	1111.32	-122.58	-50.43	1145.28	1129.78	88.32	-162.01	129.48	239.31	16.29	15.55	PASS
1204.00†	1186.80	-144.59	-59.48	1225.27	1205.54	71.24	-181.15	127.96	248.46	17.73	14.76	PASS
1304.00†	1282.18	-172.39	-70.92	1325.72	1299.62	47.82	-207.39	125.53	259.66	19.81	13.73	PASS
1404.00†	1377.55	-200.19	-82.36	1424.40	1391.58	23.97	-234.12	123.06	271.07	21.96	12.86	PASS
1504.00†	1472.92	-228.00	-93.80	1523.09	1483.53	0.12	-260.85	120.79	282.94	24.19	12.14	PASS
1604.00†	1568.30	-255.80	-105.24	1621.77	1575.49	-23.73	-287.58	118.71	295.23	26.48	11.53	PASS

C-C Clearance Distance Cutoff: 300.00 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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 81 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	3.00	1694.97	110.15	-35.65	38.40	-116.06
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1694.97	110.15	-35.65	38.40	-116.06
8.5in Open Hole	1750.00	17924.41	16174.41	1694.97	N/A	38.40	-116.06	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 82 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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												ACR MASD [ft]	Sep Ratio	ACR Status
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]					
4.00	4.00	0.00	0.00	11.00	4.00	645.27	-1821.38	-70.49	1932.31	50.71	38.83	PASS		

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. BORESEN 1 AWB Offset Wellpath: EX. BORESEN 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. 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



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 83 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	15.00	4.00	679.15	-1858.69	-69.93	1978.89	50.90	39.61	PASS

C-C Clearance Distance Cutoff: 300.00 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 84 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	6.00	4.00	181.43	-158.44	-41.13	240.88	1.57	395.69	PASS
104.00†	104.00	0.00	0.00	106.00	104.00	181.43	-158.44	-41.13	240.88	2.21	193.25	PASS
204.00†	204.00	0.00	0.00	206.00	204.00	181.43	-158.44	-41.13	240.88	3.21	106.94	PASS
250.00	250.00	0.00	0.00	252.05	250.05	181.43	-158.45	-41.13	240.88	3.69	88.07	PASS
304.00†	304.00	-0.47	-0.19	307.42	305.42	180.94	-158.75	116.49	240.94	4.27	72.56	PASS
404.00†	403.93	-3.83	-1.57	409.96	407.87	177.63	-160.79	116.39	241.44	5.44	53.75	PASS
504.00†	503.67	-10.41	-4.28	512.48	510.11	171.21	-164.76	116.20	242.44	6.70	42.11	PASS
604.00†	603.10	-20.20	-8.31	614.97	611.98	161.68	-170.65	115.95	243.96	7.97	34.70	PASS
704.00†	702.10	-33.20	-13.66	717.43	713.36	149.06	-178.45	115.61	245.97	9.30	29.39	PASS
804.00†	800.55	-49.38	-20.32	819.85	814.10	133.38	-188.15	115.21	248.50	10.63	25.62	PASS
904.00†	898.33	-68.74	-28.28	922.23	914.08	114.65	-199.72	114.74	251.54	12.27	22.15	PASS
1004.00†	995.32	-91.23	-37.53	1024.54	1013.14	92.91	-213.16	114.21	255.09	13.97	19.53	PASS
1104.00†	1091.41	-116.85	-48.07	1126.80	1111.17	68.18	-228.44	113.63	259.16	15.83	17.37	PASS
1124.85	1111.32	-122.58	-50.43	1148.11	1131.47	62.66	-231.86	113.50	260.07	16.25	16.95	PASS
1204.00†	1186.80	-144.59	-59.48	1228.96	1208.01	40.53	-245.54	112.84	263.31	17.79	15.59	PASS
1304.00†	1282.18	-172.39	-70.92	1330.82	1303.36	10.05	-264.38	111.35	266.75	20.02	13.95	PASS
1404.00†	1377.55	-200.19	-82.36	1432.14	1396.88	-23.11	-284.88	109.17	269.71	22.35	12.57	PASS
1504.00†	1472.92	-228.00	-93.80	1532.67	1488.24	-58.77	-306.92	106.31	272.57	24.84	11.38	PASS
1604.00†	1568.30	-255.80	-105.24	1632.07	1577.09	-96.66	-330.34	102.86	275.81	27.46	10.37	PASS
1704.00†	1663.67	-283.61	-116.68	1730.41	1664.45	-135.08	-354.09	99.28	280.04	29.92	9.64	PASS
1804.00†	1759.04	-311.41	-128.12	1828.75	1751.81	-173.50	-377.84	95.81	285.36	30.85	9.45	PASS
1904.00†	1854.42	-339.22	-139.56	1927.10	1839.16	-211.93	-401.59	92.48	291.71	30.92	9.63	PASS
2004.00†	1949.79	-367.02	-151.00	2025.44	1926.52	-250.35	-425.34	89.30	299.03	31.01	9.84	PASS

C-C Clearance Distance Cutoff: 300.00 ft

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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 85 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	2.00	1681.85	110.60	-96.59	11.79	-157.66
9.625in Casing Surface	4.00	1750.00	1746.00	2.00	1681.85	110.60	-96.59	11.79	-157.66
8.5in Open Hole	1750.00	18383.72	16633.72	1681.85	N/A	11.79	-157.66	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: 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 86 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	27.00	-850.30	-555.00	-146.87	1015.66	1.27	3299.59	PASS
104.00†	104.00	0.00	0.00	77.72	108.72	-850.06	-555.04	-146.86	1015.23	2.01	966.30	PASS
204.00†	204.00	0.00	0.00	171.29	202.29	-849.55	-555.33	-146.83	1014.95	2.76	564.33	PASS
250.00	250.00	0.00	0.00	214.09	245.08	-849.53	-555.64	-146.81	1015.12	3.11	472.58	PASS
304.00†	304.00	-0.47	-0.19	267.82	298.82	-849.57	-556.07	10.85	1014.89	3.55	392.16	PASS
404.00†	403.93	-3.83	-1.57	366.52	397.51	-849.76	-556.79	10.93	1011.88	4.56	281.24	PASS
504.00†	503.67	-10.41	-4.28	466.68	497.67	-850.22	-557.27	11.04	1005.55	5.79	207.99	PASS
604.00†	603.10	-20.20	-8.31	567.38	598.37	-850.62	-557.64	11.20	995.68	6.99	165.05	PASS
704.00†	702.10	-33.20	-13.66	664.95	695.93	-850.70	-558.42	11.44	982.40	7.99	139.74	PASS
804.00†	800.55	-49.38	-20.32	768.62	799.60	-850.86	-559.11	11.76	965.75	8.94	120.91	PASS
904.00†	898.33	-68.74	-28.28	865.55	896.53	-850.75	-559.25	12.11	945.24	9.89	105.80	PASS
1004.00†	995.32	-91.23	-37.53	958.94	989.92	-850.70	-560.01	12.56	921.85	10.91	92.54	PASS
1104.00†	1091.41	-116.85	-48.07	1057.78	1088.76	-850.80	-560.87	13.13	895.35	11.92	81.64	PASS
1124.85	1111.32	-122.58	-50.43	1079.09	1110.06	-850.70	-561.08	13.27	889.34	12.10	79.74	PASS
1204.00†	1186.80	-144.59	-59.48	1153.46	1184.42	-850.26	-561.85	13.68	866.23	12.72	73.63	PASS
1304.00†	1282.18	-172.39	-70.92	1250.74	1281.71	-850.22	-562.47	14.22	837.30	13.47	66.89	PASS
1404.00†	1377.55	-200.19	-82.36	1347.99	1378.96	-849.68	-562.84	14.80	807.90	14.26	60.68	PASS
1504.00†	1472.92	-228.00	-93.80	1439.72	1470.68	-849.52	-563.12	15.36	778.82	15.05	55.20	PASS
1604.00†	1568.30	-255.80	-105.24	1532.50	1563.46	-849.40	-564.09	16.02	750.28	15.90	50.17	PASS
1704.00†	1663.67	-283.61	-116.68	1627.86	1658.81	-849.51	-564.95	16.72	721.95	16.80	45.54	PASS
1804.00†	1759.04	-311.41	-128.12	1723.13	1754.07	-849.22	-566.42	17.54	693.80	17.18	42.07	PASS
1904.00†	1854.42	-339.22	-139.56	1819.80	1850.73	-848.62	-568.06	18.48	665.67	17.53	39.52	PASS
2004.00†	1949.79	-367.02	-151.00	1914.64	1945.54	-847.66	-570.09	19.52	637.71	17.91	37.03	PASS
2104.00†	2045.16	-394.83	-162.43	2010.95	2041.81	-846.33	-572.46	20.73	609.91	18.33	34.57	PASS
2204.00†	2140.54	-422.63	-173.87	2107.27	2138.09	-844.78	-574.80	22.06	582.21	18.78	32.17	PASS
2304.00†	2235.91	-450.43	-185.31	2202.63	2233.40	-843.06	-577.16	23.53	554.72	19.28	29.84	PASS
2404.00†	2331.28	-478.24	-196.75	2297.05	2327.78	-841.32	-579.60	25.14	527.65	19.82	27.57	PASS
2504.00†	2426.66	-506.04	-208.19	2392.86	2423.55	-839.64	-581.98	26.92	501.02	20.41	25.39	PASS
2604.00†	2522.03	-533.85	-219.63	2487.02	2517.66	-837.97	-584.36	28.87	474.91	21.05	23.31	PASS
2704.00†	2617.40	-561.65	-231.07	2582.18	2612.76	-836.16	-587.02	31.09	449.54	21.75	21.33	PASS

C-C Clearance Distance Cutoff: 300.00 ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 87 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
2804.00†	2712.78	-589.46	-242.51	2677.61	2708.13	-834.28	-589.68	33.58	424.84	22.51	19.45	PASS
2904.00†	2808.15	-617.26	-253.95	2773.63	2804.10	-832.18	-592.32	36.40	400.88	23.32	17.69	PASS
3004.00†	2903.52	-645.07	-265.38	2869.83	2900.24	-829.71	-594.85	39.60	377.69	24.19	16.05	PASS
3104.00†	2998.90	-672.87	-276.82	2965.58	2995.91	-826.89	-597.22	43.21	355.51	25.12	14.53	PASS
3204.00†	3094.27	-700.67	-288.26	3060.46	3090.72	-824.01	-599.43	47.23	334.74	26.12	13.15	PASS
3304.00†	3189.64	-728.48	-299.70	3155.12	3185.30	-820.89	-601.76	51.76	315.91	27.18	11.91	PASS
3404.00†	3285.02	-756.28	-311.14	3249.13	3279.22	-817.68	-604.14	56.77	299.42	28.31	10.82	PASS
3504.00†	3380.39	-784.09	-322.58	3343.75	3373.77	-814.94	-606.71	62.21	285.87	29.48	9.91	PASS
3604.00†	3475.76	-811.89	-334.02	3437.88	3467.84	-812.43	-609.12	68.00	275.22	30.67	9.16	PASS
3704.00†	3571.14	-839.70	-345.46	3530.58	3560.45	-810.08	-612.29	74.02	268.69	31.82	8.61	PASS
3804.00†	3666.51	-867.50	-356.90	3625.59	3655.38	-808.13	-615.93	80.27	265.98	32.90	8.24	PASS
3831.20†	3692.45	-875.06	-360.01	3651.43	3681.19	-807.61	-616.92	81.98	265.85	33.17	8.17	PASS
3904.00†	3761.88	-895.31	-368.34	3720.98	3750.68	-806.11	-619.53	86.59	266.79	33.85	8.03	PASS
4004.00†	3857.26	-923.11	-379.77	3817.03	3846.64	-804.36	-623.03	92.82	270.90	34.68	7.95	PASS
4013.73†	3866.54	-925.82	-380.89	3826.36	3855.96	-804.22	-623.36	93.40	271.47	34.75	7.95	PASS
4104.00†	3952.63	-950.91	-391.21	3913.08	3942.63	-803.15	-626.52	98.71	278.03	35.37	8.00	PASS
4204.00†	4048.00	-978.72	-402.65	4009.50	4038.98	-802.38	-629.91	104.24	287.79	35.96	8.14	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 88 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 89 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	5.00	4.00	180.33	-38.43	-12.03	184.38	1.57	304.10	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	180.33	-38.43	-12.03	184.38	2.20	148.34	PASS
204.00†	204.00	0.00	0.00	205.00	204.00	180.33	-38.43	-12.03	184.38	3.20	81.95	PASS
250.00	250.00	0.00	0.00	251.03	250.03	180.33	-38.43	-12.03	184.38	3.68	67.47	PASS
304.00†	304.00	-0.47	-0.19	306.54	305.54	180.00	-38.87	145.54	184.57	4.28	55.40	PASS
404.00†	403.93	-3.83	-1.57	409.31	408.22	177.67	-41.96	145.09	185.98	5.59	39.97	PASS
504.00†	503.67	-10.41	-4.28	511.98	510.62	173.12	-47.98	144.25	188.78	7.08	30.73	PASS
604.00†	603.10	-20.20	-8.31	614.51	612.53	166.37	-56.90	143.04	193.03	8.44	25.69	PASS
704.00†	702.10	-33.20	-13.66	716.84	713.78	157.45	-68.71	141.51	198.78	9.79	22.41	PASS
804.00†	800.55	-49.38	-20.32	818.92	814.19	146.39	-83.35	139.74	206.12	11.08	20.29	PASS
904.00†	898.33	-68.74	-28.28	920.69	913.58	133.22	-100.78	137.77	215.11	12.62	18.37	PASS
1004.00†	995.32	-91.23	-37.53	1022.10	1011.79	117.98	-120.94	135.68	225.83	14.20	16.99	PASS
1104.00†	1091.41	-116.85	-48.07	1123.11	1108.66	100.73	-143.76	133.51	238.32	15.92	15.87	PASS
1124.85	1111.32	-122.58	-50.43	1144.12	1128.68	96.89	-148.85	133.06	241.15	16.30	15.66	PASS
1204.00†	1186.80	-144.59	-59.48	1223.70	1204.06	81.52	-169.18	131.32	251.91	17.73	14.97	PASS
1304.00†	1282.18	-172.39	-70.92	1322.51	1297.04	61.36	-195.86	128.95	265.46	19.71	14.11	PASS
1404.00†	1377.55	-200.19	-82.36	1421.02	1389.71	41.23	-222.50	126.81	279.41	21.76	13.39	PASS
1504.00†	1472.92	-228.00	-93.80	1519.52	1482.38	21.09	-249.14	124.88	293.71	23.88	12.77	PASS

C-C Clearance Distance Cutoff: 300.00 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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 90 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	3.00	1699.22	109.93	-23.43	47.04	-106.65
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1699.22	109.93	-23.43	47.04	-106.65
8.5in Open Hole	1750.00	18009.43	16259.43	1699.22	7227.00	47.04	-106.65	-310.54	2734.23

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 91 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	74.00	4.00	531.51	-11183.14	-87.28	11195.76	50.19	227.42
PASS											

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SKYWAY 22-11 AWB Offset Wellpath: EX. SKYWAY 22-11 AWP			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical
			1.000ft
			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	ISWWSA 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 92 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	5.00	4.00	180.33	-18.66	-5.91	181.30	1.57	298.98	PASS
104.00†	104.00	0.00	0.00	105.00	104.00	180.33	-18.66	-5.91	181.30	2.20	145.85	PASS
204.00†	204.00	0.00	0.00	205.00	204.00	180.33	-18.66	-5.91	181.30	3.20	80.57	PASS
250.00	250.00	0.00	0.00	251.03	250.03	180.33	-18.66	-5.91	181.30	3.68	66.34	PASS
304.00†	304.00	-0.47	-0.19	306.59	305.59	180.04	-19.13	151.65	181.50	4.28	54.43	PASS
404.00†	403.93	-3.83	-1.57	409.45	408.37	177.96	-22.40	151.10	183.03	5.62	39.07	PASS
504.00†	503.67	-10.41	-4.28	512.19	510.82	173.92	-28.78	150.07	186.08	7.15	29.94	PASS
604.00†	603.10	-20.20	-8.31	614.74	612.76	167.92	-38.24	148.59	190.73	8.53	25.08	PASS
704.00†	702.10	-33.20	-13.66	717.03	713.96	160.00	-50.74	146.74	197.08	9.88	21.99	PASS
804.00†	800.55	-49.38	-20.32	818.99	814.25	150.18	-66.22	144.60	205.24	11.16	20.04	PASS
904.00†	898.33	-68.74	-28.28	920.55	913.44	138.51	-84.64	142.26	215.31	12.69	18.28	PASS
1004.00†	995.32	-91.23	-37.53	1021.64	1011.35	125.03	-105.90	139.80	227.38	14.24	17.06	PASS
1104.00†	1091.41	-116.85	-48.07	1122.22	1107.81	109.80	-129.94	137.28	241.53	15.94	16.07	PASS
1124.85	1111.32	-122.58	-50.43	1143.12	1127.72	106.40	-135.29	136.76	244.75	16.31	15.89	PASS
1204.00†	1186.80	-144.59	-59.48	1221.68	1202.22	93.06	-156.35	134.85	257.09	17.68	15.33	PASS
1304.00†	1282.18	-172.39	-70.92	1319.88	1295.21	76.15	-183.02	132.63	272.96	19.59	14.61	PASS
1404.00†	1377.55	-200.19	-82.36	1418.09	1388.20	59.25	-209.69	130.65	289.20	21.55	14.00	PASS

C-C Clearance Distance Cutoff: 300.00 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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 93 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	3.00	1702.49	109.93	-11.37	55.61	-97.07
9.625in Casing Surface	4.00	1750.00	1746.00	3.00	1702.49	109.93	-11.37	55.61	-97.07
8.5in Open Hole	1750.00	17975.59	16225.59	1702.49	7344.00	55.61	-97.07	-241.91	2739.72

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 9C-8-L PWB Offset Wellpath: BOST FARM 9C-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 94 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	4.00	4.00	179.97	1.39	0.44	179.98	1.56	298.35	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	179.97	1.39	0.44	179.98	2.20	145.36	PASS
204.00†	204.00	0.00	0.00	204.00	204.00	179.97	1.39	0.44	179.98	3.20	80.17	PASS
250.00	250.00	0.00	0.00	250.00	250.00	179.97	1.39	0.44	179.98	3.68	65.99	PASS
304.00†	304.00	-0.47	-0.19	305.59	305.59	179.73	0.91	157.99	180.21	4.28	54.11	PASS
404.00†	403.93	-3.83	-1.57	408.48	408.40	178.00	-2.52	157.34	181.89	5.64	38.67	PASS
504.00†	503.67	-10.41	-4.28	511.22	510.86	174.63	-9.24	156.10	185.24	7.20	29.55	PASS
604.00†	603.10	-20.20	-8.31	613.71	612.73	169.62	-19.21	154.34	190.38	8.59	24.82	PASS
704.00†	702.10	-33.20	-13.66	715.86	713.81	163.00	-32.38	152.14	197.44	9.95	21.87	PASS
804.00†	800.55	-49.38	-20.32	817.57	813.87	154.81	-48.68	149.62	206.59	11.22	20.04	PASS
904.00†	898.33	-68.74	-28.28	918.77	912.71	145.09	-68.04	146.89	217.96	12.73	18.45	PASS
1004.00†	995.32	-91.23	-37.53	1019.36	1010.14	133.87	-90.37	144.05	231.70	14.26	17.36	PASS
1104.00†	1091.41	-116.85	-48.07	1119.27	1105.99	121.22	-115.55	141.19	247.88	15.93	16.50	PASS
1124.85	1111.32	-122.58	-50.43	1140.01	1125.76	118.41	-121.15	140.60	251.56	16.29	16.35	PASS
1204.00†	1186.80	-144.59	-59.48	1217.95	1199.72	107.36	-143.13	138.49	265.79	17.64	15.88	PASS
1304.00†	1282.18	-172.39	-70.92	1315.58	1292.25	93.38	-170.97	136.09	284.15	19.49	15.29	PASS

C-C Clearance Distance Cutoff: 300.00 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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 95 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	4.00	1703.96	109.71	0.85	64.35	-89.44
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1703.96	109.71	0.85	64.35	-89.44
8.5in Open Hole	1750.00	17754.03	16004.03	1703.96	N/A	64.35	-89.44	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

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 9N-8B-L PWB Offset Wellpath: BOST FARM 9N-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 96 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	4.00	4.00	179.97	21.44	6.79	181.24	1.56	300.47	PASS
104.00†	104.00	0.00	0.00	104.00	104.00	179.97	21.44	6.79	181.24	2.20	146.39	PASS
204.00†	204.00	0.00	0.00	204.00	204.00	179.97	21.44	6.79	181.24	3.20	80.74	PASS
250.00	250.00	0.00	0.00	250.00	250.00	179.97	21.44	6.79	181.24	3.68	66.46	PASS
304.00†	304.00	-0.47	-0.19	305.63	305.63	179.78	20.94	164.32	181.49	4.28	54.47	PASS
404.00†	403.93	-3.83	-1.57	408.58	408.50	178.41	17.34	163.56	183.27	5.66	38.80	PASS
504.00†	503.67	-10.41	-4.28	511.34	510.98	175.73	10.31	162.12	186.85	7.25	29.59	PASS
604.00†	603.10	-20.20	-8.31	613.78	612.80	171.76	-0.11	160.06	192.38	8.65	24.90	PASS
704.00†	702.10	-33.20	-13.66	715.78	713.73	166.52	-13.87	157.53	200.06	10.01	22.01	PASS
804.00†	800.55	-49.38	-20.32	817.23	813.53	160.04	-30.86	154.63	210.10	11.28	20.27	PASS
904.00†	898.33	-68.74	-28.28	918.02	911.98	152.37	-51.01	151.52	222.69	12.77	18.78	PASS
1004.00†	995.32	-91.23	-37.53	1018.04	1008.87	143.54	-74.19	148.32	238.00	14.28	17.80	PASS
1104.00†	1091.41	-116.85	-48.07	1117.20	1104.01	133.60	-100.28	145.14	256.14	15.93	17.06	PASS
1124.85	1111.32	-122.58	-50.43	1137.76	1123.61	131.40	-106.07	144.49	260.29	16.28	16.93	PASS
1204.00†	1186.80	-144.59	-59.48	1214.65	1196.82	123.02	-128.05	142.35	276.43	17.59	16.57	PASS
1304.00†	1282.18	-172.39	-70.92	1311.75	1289.27	112.45	-155.80	139.98	297.30	19.35	16.12	PASS

C-C Clearance Distance Cutoff: 300.00 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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 97 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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	4.00	1706.53	109.71	13.07	74.59	-79.13
9.625in Casing Surface	4.00	1750.00	1746.00	4.00	1706.53	109.71	13.07	74.59	-79.13
8.5in Open Hole	1750.00	17786.12	16036.12	1706.53	7232.00	74.59	-79.13	-104.88	2750.88

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 9N-8C-L PWB Offset Wellpath: BOST FARM 9N-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 98 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	3.00	4.00	179.97	41.49	12.98	184.69	1.26	612.43	PASS
104.00†	104.00	0.00	0.00	103.00	104.00	179.97	41.49	12.98	184.69	2.19	149.58	PASS
204.00†	204.00	0.00	0.00	203.00	204.00	179.97	41.49	12.98	184.69	3.19	82.47	PASS
250.00	250.00	0.00	0.00	249.00	250.00	179.97	41.49	12.98	184.69	3.67	67.86	PASS
304.00†	304.00	-0.47	-0.19	304.63	305.62	179.84	40.99	170.50	184.96	4.27	55.60	PASS
404.00†	403.93	-3.83	-1.57	407.61	408.53	178.88	37.30	169.65	186.85	5.67	39.52	PASS
504.00†	503.67	-10.41	-4.28	510.35	511.00	176.99	30.05	168.01	190.66	7.27	30.10	PASS
604.00†	603.10	-20.20	-8.31	612.70	612.73	174.20	19.30	165.70	196.58	8.68	25.34	PASS
704.00†	702.10	-33.20	-13.66	714.50	713.47	170.51	5.13	162.85	204.89	10.04	22.47	PASS
804.00†	800.55	-49.38	-20.32	815.61	812.94	165.95	-12.37	159.62	215.84	11.32	20.75	PASS
904.00†	898.33	-68.74	-28.28	915.89	910.91	160.57	-33.07	156.18	229.70	12.79	19.34	PASS
1004.00†	995.32	-91.23	-37.53	1015.21	1007.14	154.38	-56.83	152.67	246.66	14.29	18.44	PASS
1104.00†	1091.41	-116.85	-48.07	1113.35	1101.34	147.46	-83.44	149.22	266.85	15.89	17.81	PASS
1124.85	1111.32	-122.58	-50.43	1133.47	1120.58	145.97	-89.16	148.55	271.48	16.24	17.71	PASS
1204.00†	1186.80	-144.59	-59.48	1209.83	1193.57	140.32	-110.86	146.40	289.58	17.50	17.45	PASS

C-C Clearance Distance Cutoff: 300.00 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	5.00	1709.93	109.71	25.29	85.45	-67.93
9.625in Casing Surface	4.00	1750.00	1746.00	5.00	1709.93	109.71	25.29	85.45	-67.93
8.5in Open Hole	1750.00	17867.51	16117.51	1709.93	7349.00	85.45	-67.93	-36.24	2756.54



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 99 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 100 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	41.00	-2062.72	6071.85	108.76	6412.77	25.57	260.63	PASS

C-C Clearance Distance Cutoff: 300.00 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 101 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	8.00	4.00	179.61	61.54	18.91	189.86	1.58	308.33	PASS
104.00†	104.00	0.00	0.00	108.00	104.00	179.61	61.54	18.91	189.86	2.22	150.93	PASS
204.00†	204.00	0.00	0.00	208.00	204.00	179.61	61.54	18.91	189.86	3.22	83.81	PASS
250.00	250.00	0.00	0.00	254.12	250.12	179.61	61.54	18.91	189.86	3.70	69.05	PASS
253.52†	253.52	0.00	0.00	258.02	254.02	179.60	61.53	176.55	189.85	3.74	68.02	PASS
304.00†	304.00	-0.47	-0.19	309.79	305.78	179.52	60.92	176.39	190.09	4.30	56.63	PASS
404.00†	403.93	-3.83	-1.57	412.76	408.67	178.96	56.96	175.39	191.99	5.70	40.30	PASS
504.00†	503.67	-10.41	-4.28	515.42	511.04	177.89	49.37	173.54	195.94	7.31	30.74	PASS
604.00†	603.10	-20.20	-8.31	617.58	612.58	176.33	38.22	170.94	202.18	8.73	25.93	PASS
704.00†	702.10	-33.20	-13.66	719.07	712.97	174.27	23.60	167.77	211.07	10.09	23.02	PASS
804.00†	800.55	-49.38	-20.32	819.69	811.94	171.74	5.63	164.20	222.93	11.35	21.38	PASS
904.00†	898.33	-68.74	-28.28	919.28	909.21	168.77	-15.53	160.44	238.09	12.84	19.96	PASS
1004.00†	995.32	-91.23	-37.53	1017.70	1004.55	165.36	-39.71	156.64	256.77	14.33	19.13	PASS
1104.00†	1091.41	-116.85	-48.07	1114.80	1097.73	161.56	-66.74	152.94	279.10	15.93	18.59	PASS
1124.85	1111.32	-122.58	-50.43	1134.80	1116.81	160.73	-72.68	152.20	284.23	16.26	18.52	PASS

C-C Clearance Distance Cutoff: 300.00 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	0.00	1703.57	109.49	37.51	95.88	-59.20
9.625in Casing Surface	4.00	1750.00	1746.00	0.00	1703.57	109.49	37.51	95.88	-59.20
8.5in Open Hole	1750.00	17671.98	15921.98	1703.57	7161.00	95.88	-59.20	32.37	2762.13



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 102 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

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

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 40N-8B-L2 PWB Offset Wellpath: BOST FARM 40N-8B-L2 (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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 103 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	54.00	-1805.11	7556.94	103.43	7769.70	25.56	315.78	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DRAKE 8-15H6 AWB Offset Wellpath: EX. DRAKE 8-15H6 AWP

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

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 104 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	17.00	4.00	-341.21	-2744.30	-97.09	2765.43	50.17	56.18	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 7-12 AWB Offset Wellpath: EX. SHEEP 7-12 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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	Log Name/Comment	Wellbore
0.00	7451.00	ISCWSA MWD, Rev. 4 (Standard)	DIRECTIONAL SURVEYS PROVIDED BY SRC <500-7451>	EX. SHEEP 7-12 AWB

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 105 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	173.39	88.39	2098.44	-8162.41	-75.58	8428.26	50.18	171.23	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP				
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 106 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	24.00	-2036.43	8695.47	103.18	8930.77	25.57	362.97	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DRAKE 8-2 AWB Offset Wellpath: EX. DRAKE 8-2 AWP

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

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 107 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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-B.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	26.91	3.91	1174.53	-280.96	-13.45	1207.66	1.59	1935.34	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 40C-8-L PWB Offset Wellpath: BOST FARM 40C-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 40C-8-L PWB Offset Wellpath: BOST FARM 40C-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	20.00	1781.00	1761.00	13.00	1734.18	715.99	-171.27	662.09	-250.77
9.625in Casing Surface	20.00	1781.00	1761.00	13.00	1734.18	715.99	-171.27	662.09	-250.77
8.5in Open Hole	1781.00	17727.38	15946.38	1734.18	7382.68	662.09	-250.77	387.99	2626.81

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

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1781.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1765>	BOST FARM 40C-8-L AWB
1781.00	17727.39	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-B.0) PWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 108 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	-4.00	31.00	-695.09	917.84	127.14	1151.66	1.27	3735.36
C-C Clearance Distance Cutoff: 300.00 ft											
PASS											

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	Vertical
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical
			1.000ft
			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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 109 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 40N-8B-L AWB Offset Wellpath: BOST FARM 40N-8B-L AWP

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	27.44	4.44	1194.56	-280.65	-13.22	1227.09	1.59	1956.92	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 40N-8B-L AWB Offset Wellpath: BOST FARM 40N-8B-L 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: BOST FARM 40N-8B-L AWB Offset Wellpath: BOST FARM 40N-8B-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1776.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1760>	BOST FARM 40N-8B-L AWB
1776.00	17534.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1850-17534>	BOST FARM 40N-8B-L AWB
17534.00	17560.00	Blind Drilling (std)	Projection to bit	BOST FARM 40N-8B-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 40N-8B-L AWB Offset Wellpath: BOST FARM 40N-8B-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 110 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	16.58	3.58	-384.57	-2663.83	-98.22	2691.44	50.17	54.67	PASS			

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP

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

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	Log Name/Comment	Wellbore
0.00	7880.00	ISCWSA MWD, Rev. 4 (Standard)	DIRECTIONAL SURVEYS PROVIDED BY SRC <805-7880>	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 111 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 8C-8-L AWB Offset Wellpath: BOST FARM 8C-8-L AWP

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	28.85	4.85	1214.60	-280.65	-13.01	1246.60	1.60	1958.38	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 8C-8-L AWB Offset Wellpath: BOST FARM 8C-8-L 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: BOST FARM 8C-8-L AWB Offset Wellpath: BOST FARM 8C-8-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1776.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1760>	BOST FARM 8C-8-L AWB
1776.00	17756.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1854-17756>	BOST FARM 8C-8-L AWB
17756.00	17780.00	Blind Drilling (std)	Projection to bit	BOST FARM 8C-8-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 8C-8-L AWB Offset Wellpath: BOST FARM 8C-8-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 112 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	62.86	4.86	-4713.34	2188.65	155.09	5196.71	50.17	105.59	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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
0.00	7800.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7800>
7800.00	7995.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7995>

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 113 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	-4.00	27.00	-724.24	903.92	128.70	1158.50	1.27	3785.30
C-C Clearance Distance Cutoff: 300.00 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	Vertical
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 114 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 8N-8C-L AWB Offset Wellpath: BOST FARM 8N-8C-L AWP

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	27.93	3.93	1234.64	-280.42	-12.80	1266.08	1.59	2016.07	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 8N-8C-L AWB Offset Wellpath: BOST FARM 8N-8C-L 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: BOST FARM 8N-8C-L AWB Offset Wellpath: BOST FARM 8N-8C-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1789.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1773>	BOST FARM 8N-8C-L AWB
1789.00	17621.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1851-17621>	BOST FARM 8N-8C-L AWB
17621.00	17645.00	Blind Drilling (std)	Projection to bit	BOST FARM 8N-8C-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 8N-8C-L AWB Offset Wellpath: BOST FARM 8N-8C-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 115 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 41N-8A-L AWB Offset Wellpath: BOST FARM 41N-8A-L AWP

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	29.58	5.58	1254.67	-280.41	-12.60	1285.62	1.61	1997.63	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41N-8A-L AWB Offset Wellpath: BOST FARM 41N-8A-L 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: BOST FARM 41N-8A-L AWB Offset Wellpath: BOST FARM 41N-8A-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1759.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1743>	BOST FARM 41N-8A-L AWB
1759.00	17491.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1854-17491>	BOST FARM 41N-8A-L AWB
17491.00	17515.00	Blind Drilling (std)	Projection to bit	BOST FARM 41N-8A-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41N-8A-L AWB Offset Wellpath: BOST FARM 41N-8A-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 116 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 41N-8B-L AWB Offset Wellpath: BOST FARM 41N-8B-L AWP

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	28.60	4.60	1274.71	-280.10	-12.39	1305.12	1.59	2065.55	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41N-8B-L AWB Offset Wellpath: BOST FARM 41N-8B-L 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: BOST FARM 41N-8B-L AWB Offset Wellpath: BOST FARM 41N-8B-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1757.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1741>	BOST FARM 41N-8B-L AWB
1757.00	17596.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1853-17596>	BOST FARM 41N-8B-L AWB
17596.00	17620.00	Blind Drilling (std)	Projection to bit	BOST FARM 41N-8B-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41N-8B-L AWB Offset Wellpath: BOST FARM 41N-8B-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 117 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 41C-8-L AWB Offset Wellpath: BOST FARM 41C-8-L AWP

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	28.39	4.39	1294.45	-279.87	-12.20	1324.36	1.59	2103.20	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41C-8-L AWB Offset Wellpath: BOST FARM 41C-8-L 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: BOST FARM 41C-8-L AWB Offset Wellpath: BOST FARM 41C-8-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1781.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1765>	BOST FARM 41C-8-L AWB
1781.00	17694.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1853-17694>	BOST FARM 41C-8-L AWB
17694.00	17718.00	Blind Drilling (std)	Projection to bit	BOST FARM 41C-8-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41C-8-L AWB Offset Wellpath: BOST FARM 41C-8-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 118 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	87.28	28.28	-4744.15	2210.25	155.02	5233.81	50.17	106.34	PASS

C-C Clearance Distance Cutoff: 300.00 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
0.00	7876.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <100-7876>
7876.00	7974.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7974>

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 119 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	-4.00	63.00	-796.97	2652.73	106.72	2770.49	1.27	9031.25
PASS											

C-C Clearance Distance Cutoff: 300.00 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
		Vertical	1.000ft
		Vertical	3.000ft

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
0.00	7500.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEY PROVIDED BY SRC <100-7500>
7500.00	7923.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD FROM COGCC <7923>

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 120 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 41N-8C-L AWB Offset Wellpath: BOST FARM 41N-8C-L AWB

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	29.25	5.25	1314.48	-279.87	-12.02	1343.94	1.60	2105.28	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 41N-8C-L AWB Offset Wellpath: BOST FARM 41N-8C-L AWB

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

WELLPATH COMPOSITION - Offset Wellbore: BOST FARM 41N-8C-L AWB Offset Wellpath: BOST FARM 41N-8C-L AWB

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1762.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <137-1762>	BOST FARM 41N-8C-L AWB
1762.00	17611.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1851-17611>	BOST FARM 41N-8C-L AWB
17611.00	17635.00	Blind Drilling (std)	Projection to bit	BOST FARM 41N-8C-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 41N-8C-L AWB Offset Wellpath: BOST FARM 41N-8C-L AWB

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 121 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 1N-8B-L AWB Offset Wellpath: BOST FARM 1N-8B-L AWP											
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
4.00	4.00	0.00	0.00	28.46	4.46	1334.52	-279.56	-11.83	1363.49	1.59	2163.68
PASS											

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 1N-8B-L AWB Offset Wellpath: BOST FARM 1N-8B-L 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: BOST FARM 1N-8B-L AWB Offset Wellpath: BOST FARM 1N-8B-L AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1781.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1765>	BOST FARM 1N-8B-L AWB
1781.00	17524.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1852-17524>	BOST FARM 1N-8B-L AWB
17524.00	17550.00	Blind Drilling (std)	Projection to bit	BOST FARM 1N-8B-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 1N-8B-L AWB Offset Wellpath: BOST FARM 1N-8B-L AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 122 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	89.82	30.82	-4757.58	2224.49	154.94	5252.01	50.17	106.71	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 123 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 1N-8C-L AWB Offset Wellpath: BOST FARM 1N-8C-L AWP

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	29.18	5.18	1354.55	-279.56	-11.66	1383.10	1.60	2165.61	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 1N-8C-L AWB Offset Wellpath: BOST FARM 1N-8C-L 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: BOST FARM 1N-8C-L AWB Offset Wellpath: BOST FARM 1N-8C-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1781.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1765>	BOST FARM 1N-8C-L AWB
1781.00	17651.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1850-17651>	BOST FARM 1N-8C-L AWB
17651.00	17675.00	Blind Drilling (std)	Projection to bit	BOST FARM 1N-8C-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 1N-8C-L AWB Offset Wellpath: BOST FARM 1N-8C-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 124 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 40C-8-L AWB Offset Wellpath: BOST FARM 40C-8-L AWP											
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
4.00	4.00	0.00	0.00	26.91	3.91	1174.53	-280.96	-13.45	1207.66	1.59	1935.34
PASS											

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 40C-8-L AWB Offset Wellpath: BOST FARM 40C-8-L 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: BOST FARM 40C-8-L AWB Offset Wellpath: BOST FARM 40C-8-L AWP			
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment
20.00	1781.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1765>
1781.00	1841.00	Blind Drilling (std)	Projection to bit

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 40C-8-L AWB Offset Wellpath: BOST FARM 40C-8-L AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 125 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	-4.00	53.00	-837.10	2126.42	111.49	2285.78	1.27	7448.51
											PASS

C-C Clearance Distance Cutoff: 300.00 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	Wellbore
0.00	7300.00	BHI Generic gyro - continuous (Standard)	EX. SAMUEL J 7-10 AWB
7300.00	7484.00	Custom Drift Indicator (2.0 Maximum Inclination)	EX. SAMUEL J 7-10 AWB
		GYRO SURVEYS PROVIDED BY SRC <100-7300>	
		ASSUMED VERTICAL TO TD FROM COGCC <7484>	

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 126 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 26C-8-L AWB Offset Wellpath: BOST FARM 26C-8-L AWP												
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	28.25	4.25	1374.59	-279.25	-11.48	1402.67	1.59	2230.75	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 26C-8-L AWB Offset Wellpath: BOST FARM 26C-8-L 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: BOST FARM 26C-8-L AWB Offset Wellpath: BOST FARM 26C-8-L AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1761.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1745>	BOST FARM 26C-8-L AWB
1761.00	17729.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1850-17729>	BOST FARM 26C-8-L AWB
17729.00	17765.00	Blind Drilling (std)	Projection to bit	BOST FARM 26C-8-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 26C-8-L AWB Offset Wellpath: BOST FARM 26C-8-L AWP	
MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 127 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: BOST FARM 26N-8B-L AWB Offset Wellpath: BOST FARM 26N-8B-L AWP

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	30.77	6.77	1394.62	-279.25	-11.32	1422.31	1.62	2150.03	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOST FARM 26N-8B-L AWB Offset Wellpath: BOST FARM 26N-8B-L 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: BOST FARM 26N-8B-L AWB Offset Wellpath: BOST FARM 26N-8B-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
20.00	1758.00	BHI NaviTrak (Standard)	13 1/2" SURFACE SECTION <121-1742>	BOST FARM 26N-8B-L AWB
1758.00	17586.00	BHI AutoTrak Curve (MagCAD+IFR1, Short spacing)	8 1/2" MONOBORE SURVEYS <1851-17586>	BOST FARM 26N-8B-L AWB
17586.00	17610.00	Blind Drilling (std)	Projection to bit	BOST FARM 26N-8B-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOST FARM 26N-8B-L AWB Offset Wellpath: BOST FARM 26N-8B-L AWP

MD Reference: PRECISION 462 (20') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	20.00ft



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 128 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	63.00	-804.26	2669.44	106.77	2788.59	1.27	9092.78	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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	Wellbore
0.00	7300.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC (ADJ GRID = TRUE -0.44DEG) <100-7300>	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 129 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	55.00	-891.42	4563.07	101.05	4649.61	25.56	188.96	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. WIEDEMAN 8-12H6 AWB Offset Wellpath: EX. WIEDEMAN 8-12H6 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 130 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	63.00	-796.97	2697.29	106.46	2813.18	1.27	9176.40	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical 1.000ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 131 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	-4.00	63.00	-800.62	2622.10	106.98	2742.24	1.27	8935.14
PASS											

C-C Clearance Distance Cutoff: 300.00 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
0.00	7300.00	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC (ADJ GRID =TRUE -0.44) <100-7300>
7300.00	8133.00	Custom Drift Indicator (2.0 Maximum Inclination)	ASSUMED VERTICAL TO TD <8133>

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 132 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	-1.00	4.00	-1849.49	4939.20	110.53	5274.12	25.57	214.34	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DRAKE 8-13H6 AWB Offset Wellpath: EX. DRAKE 8-13H6 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 133 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	62.00	-865.65	5830.12	98.45	5894.32	25.56	239.56	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. WIEDEMAN 8-11H6 AWB Offset Wellpath: EX. WIEDEMAN 8-11H6 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 134 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	35.00	1658.87	5069.37	71.88	5333.98	25.57	216.78	PASS

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX WHITE #8-1 AWB Offset Wellpath: EX WHITE #8-1 AWP

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

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	Wellbore
0.00	7302.26	BHI Generic gyro - continuous (Standard)	GYRO SURVEYS PROVIDED BY SRC <50-7302.26>	EX WHITE #8-1 AWB
7302.26	7884.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7884>	EX WHITE #8-1 AWB

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 135 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	81.00	-59.85	8171.82	90.42	8172.40	25.56	332.16	PASS

C-C Clearance Distance Cutoff: 300.00 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	106.00	1639.17	-35.66	4981.54	-89.10	5019.72
9.625in Casing Surface	25.00	1570.00	1545.00	106.00	1622.94	-35.66	4981.54	-87.89	5018.76
8.5in Open Hole	1587.00	20525.00	18938.00	1639.17	7341.32	-89.10	5019.72	-580.96	9326.89

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	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>
1529.00	20501.00	BHI AutoTrak Curve (Short)	BHI ATC MWD SHORT <1591-20501>
20501.00	20525.00	Blind Drilling (std)	Projection to bit



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 136 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-HILAND KNOLLS C7-9-11 AWP 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 137 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	81.00	-107.21	8171.83	90.75	8172.90	25.56	332.18	PASS

C-C Clearance Distance Cutoff: 300.00 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	106.00	1663.22	-64.53	4981.56	-123.06	5031.87
9.625in Casing Surface	25.00	1608.00	1583.00	106.00	1663.22	-64.53	4981.56	-123.06	5031.87
8.5in Open Hole	1608.00	20260.00	18652.00	1663.22	7174.38	-123.06	5031.87	-553.41	9323.91

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 138 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 139 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	80.00	-121.79	8171.84	90.85	8173.10	25.56	332.19	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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	105.00	1670.68	-73.42	4981.56	-145.14	5012.77
9.625in Casing Surface	25.00	1620.00	1595.00	105.00	1670.68	-73.42	4981.56	-145.14	5012.77
8.5in Open Hole	1620.00	20489.00	18869.00	1670.68	7224.92	-145.14	5012.77	-651.94	9336.02

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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 140 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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: 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 141 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	82.00	-8.85	8169.01	90.06	8169.39	25.56	332.04	PASS

C-C Clearance Distance Cutoff: 300.00 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	107.00	1652.65	-4.57	4979.83	-31.32	5011.43
9.625in Casing Surface	25.00	1585.00	1560.00	107.00	1652.65	-4.57	4979.83	-31.32	5011.43
8.5in Open Hole	1585.00	20455.00	18870.00	1652.65	7335.27	-31.32	5011.43	-368.68	9325.94

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 142 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 143 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	81.00	-74.42	8171.82	90.52	8172.52	25.56	332.17	PASS

C-C Clearance Distance Cutoff: 300.00 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	106.00	1702.99	-44.55	4981.55	-72.91	5019.94
9.625in Casing Surface	25.00	1601.00	1576.00	106.00	1672.53	-44.55	4981.55	-71.89	5018.51
8.5in Open Hole	1632.00	20200.00	18568.00	1702.99	7149.62	-72.91	5019.94	-360.59	9330.96

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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 144 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 145 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	61.00	-41.64	8171.81	90.29	8172.11	25.56	332.14	PASS

C-C Clearance Distance Cutoff: 300.00 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	107.00	1688.02	-24.55	4981.55	-47.80	5025.35
9.625in Casing Surface	25.00	1608.00	1583.00	107.00	1678.13	-24.55	4981.55	-47.55	5024.97
8.5in Open Hole	1608.00	20195.00	18587.00	1678.13	7231.09	-47.55	5024.97	-236.25	9322.74

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 146 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 147 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	81.00	-89.00	8171.82	90.62	8172.67	25.56	332.17	PASS								

C-C Clearance Distance Cutoff: 300.00 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	106.00	1681.58	-53.43	4981.55	-54.15	4973.50
9.625in Casing Surface	25.00	1601.00	1576.00	106.00	1681.58	-53.43	4981.55	-54.15	4973.50
8.5in Open Hole	1601.00	20365.00	18764.00	1681.58	7229.31	-54.15	4973.50	-443.69	9330.26

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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 148 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 149 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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
4.00	4.00	0.00	0.00	21.00	86.00	198.81	8163.38	88.61	8166.21	25.56	331.91
PASS											

C-C Clearance Distance Cutoff: 300.00 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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	111.00	1651.40	122.02	4976.37	156.61	5013.85
9.625in Casing Surface	25.00	1583.00	1558.00	111.00	1651.40	122.02	4976.37	156.61	5013.85
8.5in Open Hole	1583.00	20590.00	19007.00	1651.40	7333.23	156.61	5013.85	690.63	9309.95

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 150 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 151 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-L PWB
Facility	SEC.07-T05N-R66W		

CLEARANCE DATA - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP 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
4.00	4.00	0.00	0.00	21.00	86.00	198.81	8163.38	88.61	8166.21	25.56	331.91
PASS											

C-C Clearance Distance Cutoff: 300.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP 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 AWP 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 AWP
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 AWP
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 AWP
19173.00	19576.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST C1-9-11 S.T.#1 AWP

OFFSET WELLPATH REFERENCE - Offset Wellbore: TC-COUNTY CLUB WEST C1-9-11 S.T.#1 AWP 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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 152 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	83.00	38.51	8169.00	89.73	8169.47	25.56	332.04	PASS

C-C Clearance Distance Cutoff: 300.00 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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	108.00	1665.64	24.30	4979.82	19.65	4991.94
9.625in Casing Surface	25.00	1565.00	1540.00	108.00	1645.81	24.30	4979.82	19.84	4991.17
8.5in Open Hole	1565.00	20275.00	18710.00	1645.81	7360.85	19.84	4991.17	-156.08	9322.74

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 153 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 154 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	61.00	-27.07	8169.02	90.19	8169.26	25.56	332.03	PASS

C-C Clearance Distance Cutoff: 300.00 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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	107.00	1701.78	-15.67	4979.81	-26.27	5015.36
9.625in Casing Surface	25.00	1608.00	1583.00	107.00	1681.91	-15.67	4979.81	-26.21	5014.66
8.5in Open Hole	1608.00	9524.00	7916.00	1681.91	N/A	-26.21	5014.66	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	Wellbore
0.00	1405.00	Gyrodata standard - Drop gyro or Multi-shot	TC-AIMS 3-9-11 AWB
1405.00	1564.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	TC-AIMS 3-9-11 AWB
1564.00	9421.00	ISCWSA MWD, Rev. 4 (Standard)	TC-AIMS 3-9-11 AWB



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 155 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 156 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	85.00	133.23	8166.18	89.07	8167.67	25.56	331.97	PASS

C-C Clearance Distance Cutoff: 300.00 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	110.00	1695.76	82.04	4978.09	97.65	5000.52
9.625in Casing Surface	25.00	1585.00	1560.00	110.00	1663.35	82.04	4978.09	96.53	4999.01
8.5in Open Hole	1618.00	20365.00	18747.00	1695.76	7327.04	97.65	5000.52	281.00	9315.31

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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 157 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 158 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	84.00	85.87	8166.20	89.40	8167.04	25.56	331.94	PASS

C-C Clearance Distance Cutoff: 300.00 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	109.00	1702.83	53.17	4978.11	55.89	4976.91
9.625in Casing Surface	25.00	1585.00	1560.00	109.00	1668.83	53.17	4978.11	55.89	4976.80
8.5in Open Hole	1619.00	20312.00	18693.00	1702.83	7412.24	55.89	4976.91	60.46	9318.50

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	ISCWSA 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



Clearance Report
BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 159 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 160 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	86.00	180.59	8163.38	88.73	8165.79	25.56	331.89	PASS

C-C Clearance Distance Cutoff: 300.00 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	111.00	1653.80	110.91	4976.38	184.72	5014.21

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 161 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	85.00	118.66	8166.19	89.17	8167.45	25.56	331.96	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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	110.00	1689.70	73.16	4978.10	74.72	4980.75

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	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" <498-1541>	TC-COUNTRY CLUB WEST A2-9-11 AWB
1541.00	1605.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST A2-9-11 AWB

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 162 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	83.00	20.30	8169.00	89.86	8169.41	25.56	332.04	PASS

C-C Clearance Distance Cutoff: 300.00 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	108.00	1679.55	13.20	4979.82	14.77	4976.58

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



Clearance Report

BOST FARM 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 163 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	85.00	166.02	8163.39	88.84	8165.48	25.56	331.88	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 164 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	84.00	100.44	8166.19	89.30		8167.20	25.56	331.95	PASS

C-C Clearance Distance Cutoff: 300.00 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	109.00	1666.76	62.05	4978.10	109.82	5019.55

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
25.00	1541.00	BHI NaviTrak (Standard)	BHI NAVITRAK 13.5" HOLE <343-1541>
1541.00	1605.00	Blind Drilling (std)	Projection to bit

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 165 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	86.00	213.38	8163.37	88.50	8166.57	25.56	331.92	PASS

C-C Clearance Distance Cutoff: 300.00 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	111.00	1515.06	130.90	4976.37	181.78	4985.92

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 166 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	576.07	636.78	52.92	8132.39	89.63	8157.14	50.21	166.15	PASS

C-C Clearance Distance Cutoff: 300.00 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	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	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	108.00	1698.34	33.18	4979.76	41.57	4989.73

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	Wellbore
0.00	1417.00	Gyrodata standard - Drop gyro or Multi-shot	GYRODATA SURFACE SURVEYS <66-1417>	TC-COUNTRY CLUB WEST 5-9-11 AWB
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>	TC-COUNTRY CLUB WEST 5-9-11 AWB
1561.00	1625.00	Blind Drilling (std)	Projection to bit	TC-COUNTRY CLUB WEST 5-9-11 AWB

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 167 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	85.00	147.80	8166.18	88.96	8167.92	25.56	331.98	PASS

C-C Clearance Distance Cutoff: 300.00 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	110.00	1669.22	90.92	4978.09	128.11	5005.90

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 168 of 169



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	84.00	71.30	8166.20	89.50	8166.91	25.56	331.94	PASS

C-C Clearance Distance Cutoff: 300.00 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	109.00	1663.34	44.29	4978.11	77.89	5022.42

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 13N-11B-L (REV-C.0) PWP
Closest Approach
Page 169 of 169



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#09 BOST FARM 13N-11B-L (2666'FSL & 1214'FWL, SEC.07)
Area	COLORADO	Well	BOST FARM 13N-11B-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	BOST FARM 13N-11B-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	62.00	5.72	8169.01	89.96		8169.22	25.56	332.03	PASS
C-C Clearance Distance Cutoff: 300.00 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
Facility Surface Uncertainty @1SD		Horizontal	8.200ft
		Vertical	1.000ft
		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	108.00	1666.41	4.33	4979.84	3.53	5027.17

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
0.00	1397.00	Gyrodata standard - Drop gyro or Multi-shot	GYRODATA SURFACE SURVEYS <100-1397>
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>
1532.00	1596.00	Blind Drilling (std)	Projection to bit

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