CONFLUENCE RESOURCES

Location:	COLORADO	Slot:	SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)
Field:	WELD COUNTY (NAD83, TRUE NORTH)	Well:	BIGFOOT 11-5-4
Facility:	SEC.11-T04N-R63W	Wellbore:	BIGFOOT 11-5-4 PWB

Plot reference wellpath is BIGFOOT 11-5-4 PWP Rev-B.0	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
True vertical depths are referenced to Rig (23') (KB)	North Reference: True north
Reference wellpath measured depths are referenced to Rig (23') (KB)	Scale: True distance
Rig (23') (KB) to Mean Sea Level: 4639 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)): -4616 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: painsetr on 2022-04-26; Database: WellArchitectDB

Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.11-T04N-R63W			3303108.873	1363635.600	40°19'35.3280"N	104°24'46.1880"W
Slot	**Local N (ft)**	**Local E (ft)**	**Grid East (US ft)**	**Grid North (US ft)**	**Latitude**	**Longitude**
SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)	-123.86	0.00	3303110.392	1363511.750	40°19'34.1040"N	104°24'46.1880"W

Rig (23') (KB) to Ground level (At Slot: SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11))	23ft
Mean Sea Level to Ground level (At Slot: SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11))	-4616ft
Rig (23') (KB) to Mean Sea Level	4639ft

Hole and Casing Sections

Name	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Start Local N (ft)	Start Local E (ft)	End Local N (ft)	End Local E (ft)	Wellbore
9.625in Casing Surface	23.00	1718.05	1695.05	23.00	1700.00	0.00	0.00	-147.67	-64.64	BIGFOOT 11-5-4 PWB

Survey Program

Start MD (ft)	End MD (ft)	Tool	Model	Log Name/Comment	Wellbore
23.00	1718.05	BH NaviTrak (2019)	BH NaviTrak (2019) (Axial)		BIGFOOT 11-5-4 PWB
1718.05	11523.32	BH AutoTrak Curve/eXpress (2019)	BH AutoTrak Curve/eXpress (2019) (Short spacing)		BIGFOOT 11-5-4 PWB

Bottom Hole Location

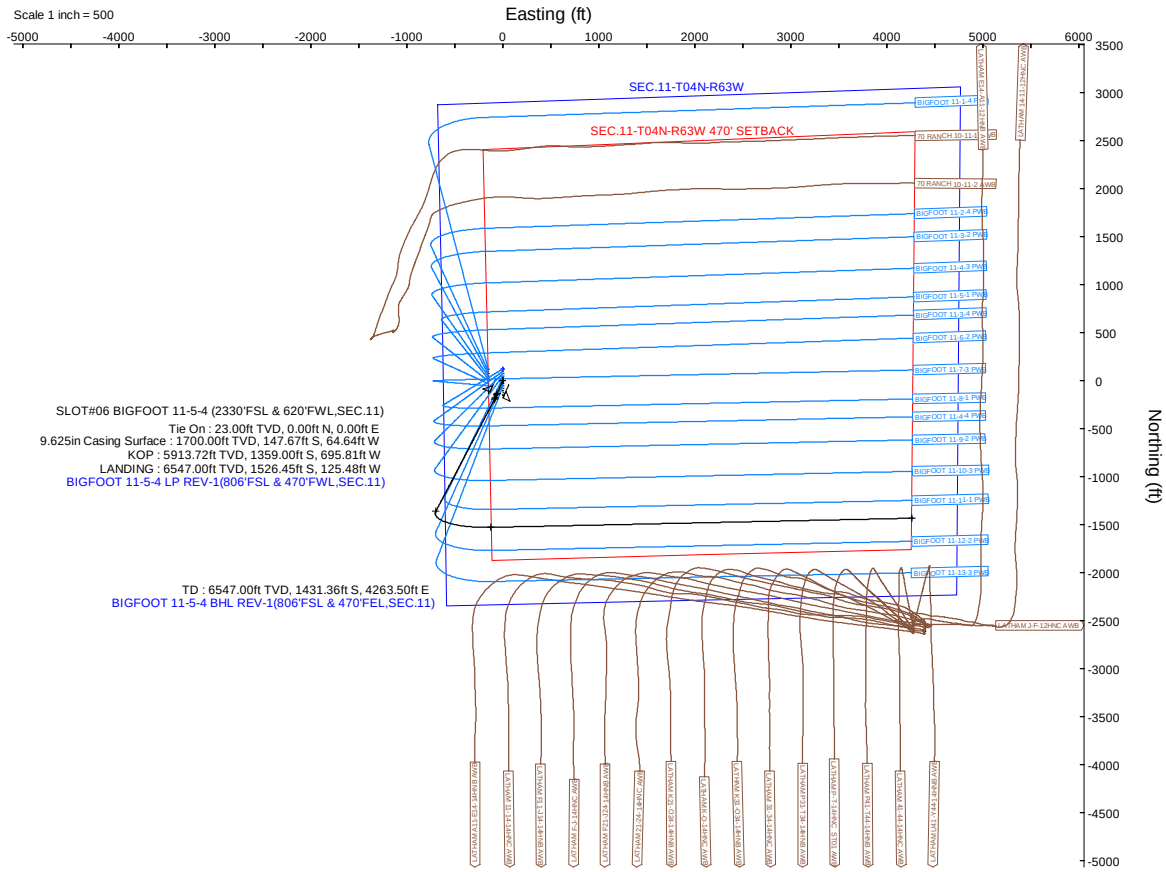
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
11523.32	90.000	88.759	6547.00	-1431.36	4263.50	3307390.93	1362132.83	40°19'19.9560"N	104°23'51.1440"W

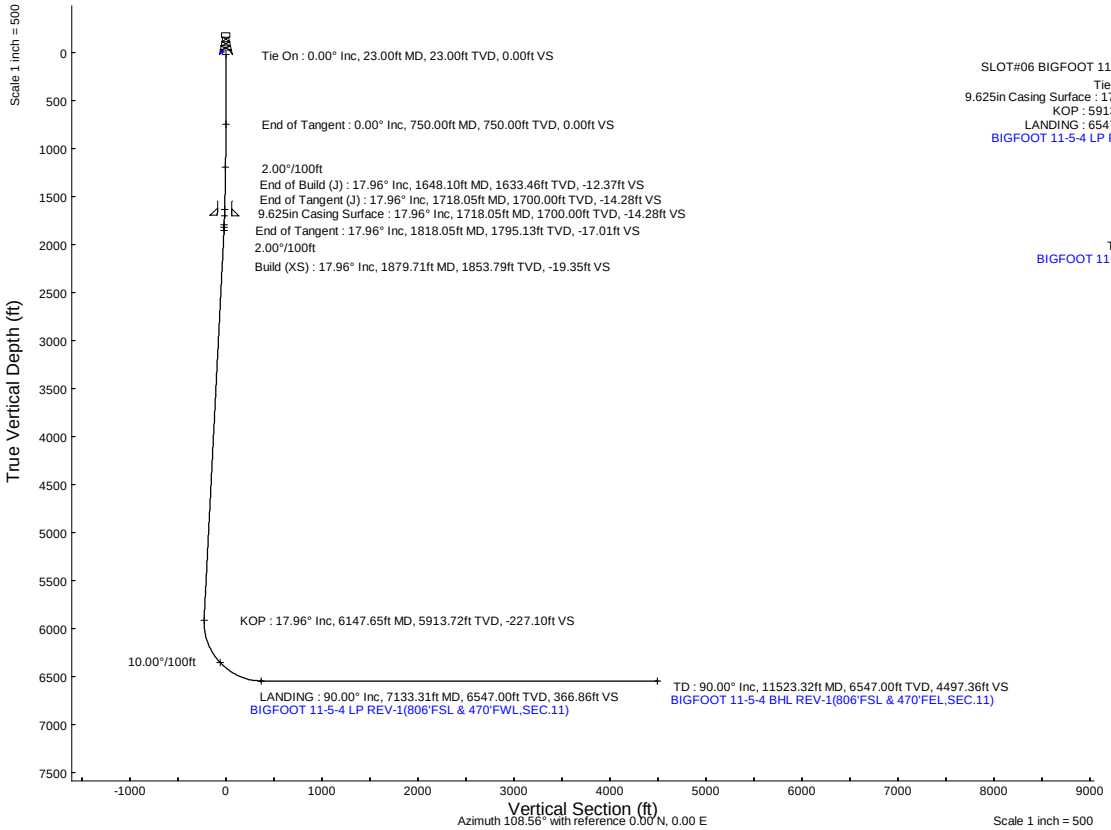
Targets

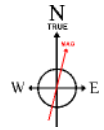
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.11-T04N-R63W	N/A	-2.50	123.86	0.00	3303108.87	1363635.60	40°19'35.3280"N	104°24'46.1880"W
SEC.11-T04N-R63W 470' SETBACK	N/A	-2.50	123.86	0.00	3303108.87	1363635.60	40°19'35.3280"N	104°24'46.1880"W
BIGFOOT 11-5-4 BHL REV-1(806'FSL & 470'FEL,SEC.11)	11523.32	6547.00	-1431.36	4263.50	3307390.93	1362132.83	40°19'19.9560"N	104°23'51.1440"W
BIGFOOT 11-5-4 LP REV-1(806'FSL & 470'FWL,SEC.11)	7133.31	6547.00	-1526.45	-125.48	3303003.64	1361983.95	40°19'19.0200"N	104°24'47.8080"W

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	23.00	0.000	203.640	23.00	0.00	0.00	0.00	0.00
End of Tangent	750.00	0.000	203.640	750.00	0.00	0.00	0.00	0.00
End of Build (J)	1648.10	17.962	203.640	1633.46	-127.91	-55.99	2.00	-12.37
End of Tangent (J)	1718.05	17.962	203.640	1700.00	-147.67	-64.64	0.00	-14.28
End of Tangent	1818.05	17.962	203.640	1795.13	-175.92	-77.00	0.00	-17.01
Build (XS)	1879.71	17.962	207.640	1853.79	-193.05	-85.23	2.00	-19.35
KOP	6147.65	17.962	207.640	5913.72	-1359.00	-695.81	0.00	-227.10
LANDING	7133.31	90.000	88.759	6547.00	-1526.45	-125.48	10.00	366.86
TD	11523.32	90.000	88.759	6547.00	-1431.36	4263.50	0.00	4497.36







HDGM2022v1.0 (1900.0 to 2023.0) Dip: 66.72° Field: 51850.4 nT
Magnetic North is 7.76 degrees East of True North (at 4/12/2022)

To correct azimuth from Magnetic to True add 7.76 degrees

Planned Wellpath Report

BIGFOOT 11-5-4 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / Lambert Colorado SP, Northern Zone (501), US feet**	Software System	**WellArchitect® 6.0**
North Reference	**True**	User	**Painsetr**
Scale	**0.999958**	Report Generated	**4/26/2022** at **1:49:44 PM**
Convergence at slot	**0.70° East**	Database	**WellArchitectDB**

WELLPATH LOCATION						
	Local coordinates		**Grid coordinates**		**Geographic coordinates**	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	-123.86	0.00	3303110.39	1363511.75	**40.3261400°**	**-104.4128300°**
Facility Reference Pt			3303108.87	1363635.60	**40.3264800°**	**-104.4128300°**
Field Reference Pt			3230456.90	1245096.09	**40.0032400°**	**-104.6773400°**

WELLPATH DATUM			
Calculation method	**Minimum curvature**	Rig (23') (KB) to Facility Vertical Datum	**4639.00ft**
Horizontal Reference Pt	**Slot**	Rig (23') (KB) to Mean Sea Level	**4639.00ft**
Vertical Reference Pt	**Rig (23') (KB)**	Rig (23') (KB) to Ground Level at Slot (SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11))	**23.00ft**
MD Reference Pt	**Rig (23') (KB)**	Section Origin	**N 0.00, E 0.00 ft**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**108.56°**

Planned Wellpath Report

BIGFOOT 11-5-4 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (125 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	203.640	0.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
23.00	0.000	203.640	23.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	Tie On
123.00†	0.000	203.640	123.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
223.00†	0.000	203.640	223.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
323.00†	0.000	203.640	323.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
423.00†	0.000	203.640	423.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
523.00†	0.000	203.640	523.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
623.00†	0.000	203.640	623.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
723.00†	0.000	203.640	723.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	
750.00	0.000	203.640	750.00	0.00	0.00	0.00	3303110.39	1363511.75	40.3261400	-104.4128300	0.00	End of Tangent
823.00†	1.460	203.640	822.99	-0.08	-0.85	-0.37	3303110.03	1363510.89	40.3261377	-104.4128313	2.00	
923.00†	3.460	203.640	922.89	-0.46	-4.78	-2.09	3303108.36	1363506.94	40.3261269	-104.4128375	2.00	
1023.00†	5.460	203.640	1022.59	-1.15	-11.91	-5.21	3303105.33	1363499.78	40.3261073	-104.4128487	2.00	
1123.00†	7.460	203.640	1121.95	-2.15	-22.21	-9.72	3303100.94	1363489.42	40.3260790	-104.4128649	2.00	
1223.00†	9.460	203.640	1220.85	-3.45	-35.69	-15.62	3303095.21	1363475.87	40.3260420	-104.4128860	2.00	
1323.00†	11.460	203.640	1319.19	-5.06	-52.32	-22.90	3303088.13	1363459.16	40.3259964	-104.4129121	2.00	
1423.00†	13.460	203.640	1416.83	-6.97	-72.08	-31.55	3303079.73	1363439.29	40.3259421	-104.4129432	2.00	
1523.00†	15.460	203.640	1513.65	-9.18	-94.96	-41.57	3303070.00	1363416.29	40.3258793	-104.4129791	2.00	
1623.00†	17.460	203.640	1609.55	-11.69	-120.91	-52.93	3303058.95	1363390.20	40.3258081	-104.4130198	2.00	
1648.10	17.962	203.640	1633.46	-12.37	-127.91	-55.99	3303055.98	1363383.17	40.3257889	-104.4130308	2.00	End of Build (J)
1718.05	17.962	203.640	1700.00	-14.28	-147.67	-64.64	3303047.57	1363363.31	40.3257347	-104.4130618	0.00	End of Tangent (J)
1723.00†	17.962	203.640	1704.71	-14.41	-149.07	-65.25	3303046.98	1363361.90	40.3257308	-104.4130640	0.00	
1818.05	17.962	203.640	1795.13	-17.01	-175.92	-77.00	3303035.55	1363334.91	40.3256571	-104.4131062	0.00	End of Tangent
1823.00†	17.959	203.961	1799.84	-17.15	-177.32	-77.62	3303034.95	1363333.50	40.3256533	-104.4131084	2.00	
1879.71	17.962	207.640	1853.79	-19.35	-193.05	-85.23	3303027.54	1363317.67	40.3256101	-104.4131357	2.00	Build (XS)
1923.00†	17.962	207.640	1894.97	-21.46	-204.88	-91.42	3303021.49	1363305.77	40.3255776	-104.4131579	0.00	
2023.00†	17.962	207.640	1990.09	-26.33	-232.20	-105.73	3303007.52	1363278.28	40.3255026	-104.4132092	0.00	
2123.00†	17.962	207.640	2085.22	-31.20	-259.52	-120.03	3302993.55	1363250.79	40.3254276	-104.4132605	0.00	
2223.00†	17.962	207.640	2180.34	-36.06	-286.84	-134.34	3302979.58	1363223.30	40.3253527	-104.4133118	0.00	
2323.00†	17.962	207.640	2275.47	-40.93	-314.16	-148.65	3302965.62	1363195.81	40.3252777	-104.4133631	0.00	

Planned Wellpath Report

BIGFOOT 11-5-4 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (125 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2423.00†	17.962	207.640	2370.60	-45.80	-341.47	-162.95	3302951.65	1363168.32	40.3252027	-104.4134144	0.00	
2523.00†	17.962	207.640	2465.72	-50.67	-368.79	-177.26	3302937.68	1363140.83	40.3251277	-104.4134657	0.00	
2623.00†	17.962	207.640	2560.85	-55.53	-396.11	-191.56	3302923.71	1363113.34	40.3250527	-104.4135170	0.00	
2723.00†	17.962	207.640	2655.98	-60.40	-423.43	-205.87	3302909.74	1363085.85	40.3249777	-104.4135683	0.00	
2823.00†	17.962	207.640	2751.10	-65.27	-450.75	-220.18	3302895.77	1363058.36	40.3249027	-104.4136196	0.00	
2923.00†	17.962	207.640	2846.23	-70.14	-478.07	-234.48	3302881.80	1363030.87	40.3248277	-104.4136709	0.00	
3023.00†	17.962	207.640	2941.36	-75.00	-505.39	-248.79	3302867.83	1363003.37	40.3247527	-104.4137223	0.00	
3123.00†	17.962	207.640	3036.48	-79.87	-532.70	-263.09	3302853.86	1362975.88	40.3246778	-104.4137736	0.00	
3223.00†	17.962	207.640	3131.61	-84.74	-560.02	-277.40	3302839.89	1362948.39	40.3246028	-104.4138249	0.00	
3323.00†	17.962	207.640	3226.73	-89.61	-587.34	-291.71	3302825.92	1362920.90	40.3245278	-104.4138762	0.00	
3423.00†	17.962	207.640	3321.86	-94.47	-614.66	-306.01	3302811.95	1362893.41	40.3244528	-104.4139275	0.00	
3523.00†	17.962	207.640	3416.99	-99.34	-641.98	-320.32	3302797.98	1362865.92	40.3243778	-104.4139788	0.00	
3623.00†	17.962	207.640	3512.11	-104.21	-669.30	-334.63	3302784.01	1362838.43	40.3243028	-104.4140301	0.00	
3723.00†	17.962	207.640	3607.24	-109.08	-696.62	-348.93	3302770.04	1362810.94	40.3242278	-104.4140814	0.00	
3823.00†	17.962	207.640	3702.37	-113.95	-723.94	-363.24	3302756.07	1362783.45	40.3241528	-104.4141327	0.00	
3923.00†	17.962	207.640	3797.49	-118.81	-751.25	-377.54	3302742.10	1362755.96	40.3240778	-104.4141840	0.00	
4023.00†	17.962	207.640	3892.62	-123.68	-778.57	-391.85	3302728.13	1362728.47	40.3240029	-104.4142353	0.00	
4123.00†	17.962	207.640	3987.75	-128.55	-805.89	-406.16	3302714.16	1362700.98	40.3239279	-104.4142866	0.00	
4223.00†	17.962	207.640	4082.87	-133.42	-833.21	-420.46	3302700.19	1362673.49	40.3238529	-104.4143379	0.00	
4323.00†	17.962	207.640	4178.00	-138.28	-860.53	-434.77	3302686.22	1362645.99	40.3237779	-104.4143892	0.00	
4423.00†	17.962	207.640	4273.12	-143.15	-887.85	-449.08	3302672.25	1362618.50	40.3237029	-104.4144405	0.00	
4523.00†	17.962	207.640	4368.25	-148.02	-915.17	-463.38	3302658.29	1362591.01	40.3236279	-104.4144918	0.00	
4623.00†	17.962	207.640	4463.38	-152.89	-942.49	-477.69	3302644.32	1362563.52	40.3235529	-104.4145431	0.00	
4723.00†	17.962	207.640	4558.50	-157.75	-969.80	-491.99	3302630.35	1362536.03	40.3234779	-104.4145944	0.00	
4823.00†	17.962	207.640	4653.63	-162.62	-997.12	-506.30	3302616.38	1362508.54	40.3234029	-104.4146458	0.00	
4923.00†	17.962	207.640	4748.76	-167.49	-1024.44	-520.61	3302602.41	1362481.05	40.3233280	-104.4146971	0.00	
5023.00†	17.962	207.640	4843.88	-172.36	-1051.76	-534.91	3302588.44	1362453.56	40.3232530	-104.4147484	0.00	
5123.00†	17.962	207.640	4939.01	-177.22	-1079.08	-549.22	3302574.47	1362426.07	40.3231780	-104.4147997	0.00	
5223.00†	17.962	207.640	5034.13	-182.09	-1106.40	-563.52	3302560.50	1362398.58	40.3231030	-104.4148510	0.00	
5323.00†	17.962	207.640	5129.26	-186.96	-1133.72	-577.83	3302546.53	1362371.09	40.3230280	-104.4149023	0.00	

Planned Wellpath Report

BIGFOOT 11-5-4 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (125 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5423.00†	17.962	207.640	5224.39	-191.83	-1161.03	-592.14	3302532.56	1362343.60	40.3229530	-104.4149536	0.00	
5523.00†	17.962	207.640	5319.51	-196.70	-1188.35	-606.44	3302518.59	1362316.10	40.3228780	-104.4150049	0.00	
5623.00†	17.962	207.640	5414.64	-201.56	-1215.67	-620.75	3302504.62	1362288.61	40.3228030	-104.4150562	0.00	
5723.00†	17.962	207.640	5509.77	-206.43	-1242.99	-635.06	3302490.65	1362261.12	40.3227280	-104.4151075	0.00	
5823.00†	17.962	207.640	5604.89	-211.30	-1270.31	-649.36	3302476.68	1362233.63	40.3226531	-104.4151588	0.00	
5923.00†	17.962	207.640	5700.02	-216.17	-1297.63	-663.67	3302462.71	1362206.14	40.3225781	-104.4152101	0.00	
6023.00†	17.962	207.640	5795.15	-221.03	-1324.95	-677.97	3302448.74	1362178.65	40.3225031	-104.4152614	0.00	
6123.00†	17.962	207.640	5890.27	-225.90	-1352.27	-692.28	3302434.77	1362151.16	40.3224281	-104.4153127	0.00	
6147.65	17.962	207.640	5913.72	-227.10	-1359.00	-695.81	3302431.33	1362144.38	40.3224096	-104.4153253	0.00	KOP
6223.00†	15.880	182.529	5985.90	-226.09	-1379.62	-701.66	3302425.73	1362123.69	40.3223530	-104.4153463	10.00	
6323.00†	18.152	148.732	6081.75	-210.37	-1406.67	-694.16	3302433.56	1362096.74	40.3222788	-104.4153194	10.00	
6423.00†	24.529	127.224	6174.98	-178.72	-1432.61	-669.48	3302458.55	1362071.11	40.3222076	-104.4152309	10.00	
6523.00†	32.687	115.014	6262.78	-132.10	-1456.64	-628.38	3302499.94	1362047.58	40.3221416	-104.4150835	10.00	
6623.00†	41.588	107.413	6342.46	-71.94	-1478.05	-572.10	3302556.48	1362026.87	40.3220828	-104.4148817	10.00	
6723.00†	50.838	102.126	6411.60	-0.05	-1496.17	-502.35	3302626.44	1362009.60	40.3220331	-104.4146316	10.00	
6823.00†	60.270	98.088	6468.12	81.38	-1510.46	-421.26	3302707.70	1361996.31	40.3219939	-104.4143407	10.00	
6923.00†	69.804	94.752	6510.28	169.87	-1520.48	-331.28	3302797.80	1361987.39	40.3219664	-104.4140180	10.00	
7023.00†	79.393	91.806	6536.82	262.74	-1525.93	-235.15	3302893.98	1361983.12	40.3219514	-104.4136733	10.00	
7123.00†	89.008	89.040	6546.91	357.16	-1526.65	-135.79	3302993.34	1361983.62	40.3219495	-104.4133170	10.00	
7133.31	90.000	88.759	6547.00[1]	366.86	-1526.45	-125.48	3303003.64	1361983.95	40.3219500	-104.4132800	10.00	LANDING
7223.00†	90.000	88.759	6547.00	451.25	-1524.50	-35.81	3303093.28	1361986.99	40.3219553	-104.4129584	0.00	
7323.00†	90.000	88.759	6547.00	545.34	-1522.34	64.17	3303193.21	1361990.38	40.3219613	-104.4125999	0.00	
7423.00†	90.000	88.759	6547.00	639.43	-1520.17	164.14	3303293.15	1361993.77	40.3219672	-104.4122413	0.00	
7523.00†	90.000	88.759	6547.00	733.52	-1518.01	264.12	3303393.09	1361997.16	40.3219732	-104.4118828	0.00	
7623.00†	90.000	88.759	6547.00	827.61	-1515.84	364.10	3303493.03	1362000.55	40.3219791	-104.4115243	0.00	
7723.00†	90.000	88.759	6547.00	921.69	-1513.67	464.07	3303592.97	1362003.95	40.3219850	-104.4111657	0.00	
7823.00†	90.000	88.759	6547.00	1015.78	-1511.51	564.05	3303692.90	1362007.34	40.3219910	-104.4108072	0.00	
7923.00†	90.000	88.759	6547.00	1109.87	-1509.34	664.03	3303792.84	1362010.73	40.3219969	-104.4104486	0.00	
8023.00†	90.000	88.759	6547.00	1203.96	-1507.18	764.00	3303892.78	1362014.12	40.3220029	-104.4100901	0.00	
8123.00†	90.000	88.759	6547.00	1298.05	-1505.01	863.98	3303992.72	1362017.51	40.3220088	-104.4097316	0.00	

Planned Wellpath Report

BIGFOOT 11-5-4 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (125 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8223.00†	90.000	88.759	6547.00	1392.14	-1502.84	963.96	3304092.66	1362020.90	40.3220147	-104.4093730	0.00	
8323.00†	90.000	88.759	6547.00	1486.23	-1500.68	1063.93	3304192.59	1362024.29	40.3220207	-104.4090145	0.00	
8423.00†	90.000	88.759	6547.00	1580.31	-1498.51	1163.91	3304292.53	1362027.69	40.3220266	-104.4086559	0.00	
8523.00†	90.000	88.759	6547.00	1674.40	-1496.35	1263.89	3304392.47	1362031.08	40.3220325	-104.4082974	0.00	
8623.00†	90.000	88.759	6547.00	1768.49	-1494.18	1363.86	3304492.41	1362034.47	40.3220385	-104.4079389	0.00	
8723.00†	90.000	88.759	6547.00	1862.58	-1492.01	1463.84	3304592.35	1362037.86	40.3220444	-104.4075803	0.00	
8823.00†	90.000	88.759	6547.00	1956.67	-1489.85	1563.81	3304692.28	1362041.25	40.3220503	-104.4072218	0.00	
8923.00†	90.000	88.759	6547.00	2050.76	-1487.68	1663.79	3304792.22	1362044.64	40.3220563	-104.4068632	0.00	
9023.00†	90.000	88.759	6547.00	2144.84	-1485.52	1763.77	3304892.16	1362048.03	40.3220622	-104.4065047	0.00	
9123.00†	90.000	88.759	6547.00	2238.93	-1483.35	1863.74	3304992.10	1362051.43	40.3220681	-104.4061461	0.00	
9223.00†	90.000	88.759	6547.00	2333.02	-1481.18	1963.72	3305092.04	1362054.82	40.3220740	-104.4057876	0.00	
9323.00†	90.000	88.759	6547.00	2427.11	-1479.02	2063.70	3305191.97	1362058.21	40.3220800	-104.4054291	0.00	
9423.00†	90.000	88.759	6547.00	2521.20	-1476.85	2163.67	3305291.91	1362061.60	40.3220859	-104.4050705	0.00	
9523.00†	90.000	88.759	6547.00	2615.29	-1474.69	2263.65	3305391.85	1362064.99	40.3220918	-104.4047120	0.00	
9623.00†	90.000	88.759	6547.00	2709.38	-1472.52	2363.63	3305491.79	1362068.38	40.3220977	-104.4043534	0.00	
9723.00†	90.000	88.759	6547.00	2803.46	-1470.35	2463.60	3305591.73	1362071.77	40.3221036	-104.4039949	0.00	
9823.00†	90.000	88.759	6547.00	2897.55	-1468.19	2563.58	3305691.66	1362075.16	40.3221096	-104.4036364	0.00	
9923.00†	90.000	88.759	6547.00	2991.64	-1466.02	2663.56	3305791.60	1362078.56	40.3221155	-104.4032778	0.00	
10023.00†	90.000	88.759	6547.00	3085.73	-1463.86	2763.53	3305891.54	1362081.95	40.3221214	-104.4029193	0.00	
10123.00†	90.000	88.759	6547.00	3179.82	-1461.69	2863.51	3305991.48	1362085.34	40.3221273	-104.4025607	0.00	
10223.00†	90.000	88.759	6547.00	3273.91	-1459.52	2963.49	3306091.42	1362088.73	40.3221332	-104.4022022	0.00	
10323.00†	90.000	88.759	6547.00	3368.00	-1457.36	3063.46	3306191.35	1362092.12	40.3221391	-104.4018436	0.00	
10423.00†	90.000	88.759	6547.00	3462.08	-1455.19	3163.44	3306291.29	1362095.51	40.3221450	-104.4014851	0.00	
10523.00†	90.000	88.759	6547.00	3556.17	-1453.03	3263.42	3306391.23	1362098.90	40.3221509	-104.4011266	0.00	
10623.00†	90.000	88.759	6547.00	3650.26	-1450.86	3363.39	3306491.17	1362102.30	40.3221569	-104.4007680	0.00	
10723.00†	90.000	88.759	6547.00	3744.35	-1448.69	3463.37	3306591.11	1362105.69	40.3221628	-104.4004095	0.00	
10823.00†	90.000	88.759	6547.00	3838.44	-1446.53	3563.35	3306691.05	1362109.08	40.3221687	-104.4000509	0.00	
10923.00†	90.000	88.759	6547.00	3932.53	-1444.36	3663.32	3306790.98	1362112.47	40.3221746	-104.3996924	0.00	
11023.00†	90.000	88.759	6547.00	4026.61	-1442.20	3763.30	3306890.92	1362115.86	40.3221805	-104.3993339	0.00	
11123.00†	90.000	88.759	6547.00	4120.70	-1440.03	3863.28	3306990.86	1362119.25	40.3221864	-104.3989753	0.00	

Planned Wellpath Report

BIGFOOT 11-5-4 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (125 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11223.00†	90.000	88.759	6547.00	4214.79	-1437.86	3963.25	3307090.80	1362122.64	40.3221923	-104.3986168	0.00	
11323.00†	90.000	88.759	6547.00	4308.88	-1435.70	4063.23	3307190.74	1362126.04	40.3221982	-104.3982582	0.00	
11423.00†	90.000	88.759	6547.00	4402.97	-1433.53	4163.20	3307290.67	1362129.43	40.3222041	-104.3978997	0.00	
11523.00†	90.000	88.759	6547.00	4497.06	-1431.37	4263.18	3307390.61	1362132.82	40.3222100	-104.3975411	0.00	
11523.32	90.000	88.759	6547.00[2]	4497.36	-1431.36	4263.50	3307390.93	1362132.83	40.3222100	-104.3975400	0.00	TD

HOLE & CASING SECTIONS

- Ref Wellbore: BIGFOOT 11-5-4 PWB Ref Wellpath: BIGFOOT 11-5-4 PWP Rev-B.0

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]
9.625in Casing Surface	23.00	1718.05	1695.05	23.00	1700.00	0.00	0.00	-147.67	-64.64

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.11-T04N-R63W	N/A	-2.50	123.86	0.00	3303108.87	1363635.60	40.3264800	-104.4128300	polygon
	2D Polygon: dimensions not calculated								
SEC.11-T04N-R63W 470' SETBACK	N/A	-2.50	123.86	0.00	3303108.87	1363635.60	40.3264800	-104.4128300	polygon
	2D Polygon: dimensions not calculated								
2) BIGFOOT 11-5-4 BHL REV-1 (806'FSL & 470'FEL,SEC.11)	11523.32	6547.00	-1431.36	4263.50	3307390.93	1362132.83	**40.3222100**	**-104.3975400**	point
1) BIGFOOT 11-5-4 LP REV-1 (806'FSL & 470'FWL,SEC.11)	7133.31	6547.00	-1526.45	-125.48	3303003.64	1361983.95	**40.3219500**	**-104.4132800**	point

SURVEY PROGRAM - Ref Wellbore: BIGFOOT 11-5-4 PWB Ref Wellpath: BIGFOOT 11-5-4 PWP Rev-B.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
23.00	1718.05	BH NaviTrak (2019) (Axial)		BIGFOOT 11-5-4 PWB
1718.05	11523.32	BH AutoTrak Curve/eXpress (2019) (Short spacing)		BIGFOOT 11-5-4 PWB

Planned Wellpath Report

BIGFOOT 11-5-4 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

DESIGN COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
23.00	0.000	203.640	23.00	Tie On
750.00	0.000	203.640	750.00	End of Tangent
1648.10	17.962	203.640	1633.46	End of Build (J)
1718.05	17.962	203.640	1700.00	End of Tangent (J)
1818.05	17.962	203.640	1795.13	End of Tangent
1879.71	17.962	207.640	1853.79	Build (XS)
6147.65	17.962	207.640	5913.72	KOP
7133.31	90.000	88.759	6547.00	LANDING
11523.32	90.000	88.759	6547.00	TD

Closest Approach Clearance Summary Report

BIGFOOT 11-5-4 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / Lambert Colorado SP, Northern Zone (501), US feet**	Software System	**WellArchitect® 6.0**
North Reference	**True**	User	**Painsetr**
Scale	**0.999958**	Report Generated	**4/26/2022** at **1:49:50 PM**
Convergence at slot	**0.70° East**	Database	**WellArchitectDB**

WELLPATH LOCATION						
	Local coordinates		**Grid coordinates**		**Geographic coordinates**	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	-123.86	0.00	3303110.39	1363511.75	**40.3261400°**	**-104.4128300°**
Facility Reference Pt			3303108.87	1363635.60	**40.3264800°**	**-104.4128300°**
Field Reference Pt			3230456.90	1245096.09	**40.0032400°**	**-104.6773400°**

WELLPATH DATUM			
Calculation method	**Minimum Curvature**	Rig (23') (KB) to Facility Vertical Datum	**4639.00ft**
Horizontal Reference Pt	**Slot**	Rig (23') (KB) to Mean Sea Level	**4639.00ft**
Vertical Reference Pt	**Rig (23') (KB)**	Rig (23') (KB) to Ground Level at Slot (SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11))	**23.00ft**
MD Reference Pt	**Rig (23') (KB)**		
Field Vertical Reference	**Mean Sea Level**		

POSITIONAL UNCERTAINTY CALCULATION SETTINGS					
Ellipse Confidence Limit	**3.50 Std Dev**	Ellipse Start MD	**23.00ft**	Surface Position Uncertainty	**included**
Declination	**7.76° East of TN**	Dip Angle	**66.72°**	Mag Field Strength	**51850 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

Closest Approach Clearance Summary Report

BIGFOOT 11-5-4 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

PROXIMITY-SCAN RULE			
Rule Name	**SPE WPTS Stop Drilling HSE Risk (2017)**	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: BIGFOOT 11-5-4 PWB Ref Wellpath: BIGFOOT 11-5-4 PWP Rev-B.0

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]
9.625in Casing Surface	23.00	1718.05	1695.05	23.00	1700.00	0.00	0.00	-147.67	-64.64

SURVEY PROGRAM - Ref Wellbore: BIGFOOT 11-5-4 PWB Ref Wellpath: BIGFOOT 11-5-4 PWP Rev-B.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
23.00	1718.05	BH NaviTrak (2019) (Axial)		BIGFOOT 11-5-4 PWB
1718.05	11523.32	BH AutoTrak Curve/eXpress (2019) (Short spacing)		BIGFOOT 11-5-4 PWB

Closest Approach Clearance Summary Report

BIGFOOT 11-5-4 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

CALCULATION RANGE & CUTOFF		
From: **23.00ft MD**	To: **11523.32ft MD**	C-C Cutoff: **(none)**

OFFSET WELL CLEARANCE SUMMARY (36 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	Wellbore Status	C-C Clearance Distance			Rule 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]	Rule Status
SEC.11-T04N-R63W	SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)	BIGFOOT 11-12-2	BIGFOOT 11-12-2 PWB	BIGFOOT 11-12-2 PWP Rev-B.0	Planned	23.00	25.65	11423.00	11523.32	1.05	11523.32	WARN
SEC.11-T04N-R63W	SLOT#04 BIGFOOT 11-10-3 (2380'FSL & 620'FWL,SEC.11)	BIGFOOT 11-10-3	BIGFOOT 11-10-3 PWB	BIGFOOT 11-10-3 PWP Rev-B.0	Planned	23.00	51.00	11523.32	11523.32	1.30	11523.32	PASS
SEC.11-T04N-R63W	SLOT#05 BIGFOOT 11-11-1 (2355'FSL & 620'FWL,SEC.11)	BIGFOOT 11-11-1	BIGFOOT 11-11-1 PWB	BIGFOOT 11-11-1 PWP Rev-B.0	Planned	23.00	25.50	11523.32	11523.32	1.36	11523.32	PASS
SEC.11-T04N-R63W	SLOT#08 BIGFOOT 11-13-3 (2280'FSL & 620'FWL,SEC.11)	BIGFOOT 11-13-3	BIGFOOT 11-13-3 PWB	BIGFOOT 11-13-3 PWP Rev-B.0	Planned	23.00	51.08	523.00	11523.32	1.49	11523.32	PASS
SEC.11-T04N-R63W	SLOT#03 BIGFOOT 11-9-2 (2405'FSL & 620'FWL,SEC.11)	BIGFOOT 11-9-2	BIGFOOT 11-9-2 PWB	BIGFOOT 11-9-2 PWP Rev-B.0	Planned	23.00	76.50	11523.32	11523.32	2.15	11523.32	PASS
SEC.11-T04N-R63W	SLOT#02 BIGFOOT 11-4-4 (2430'FSL & 620'FWL,SEC.11)	BIGFOOT 11-4-4	BIGFOOT 11-4-4 PWB	BIGFOOT 11-4-4 PWP Rev-B.0	Planned	23.00	98.36	11523.32	11523.32	2.61	11523.32	PASS
SEC.14-T04N-R63W	SLOT#14 LATHAM 41-44-14HNC (329'FNL & 453'FEL,SEC.14)	LATHAM 41-44-14HNC	LATHAM 41-44-14HNC AWB	LATHAM 41-44-14HNC AWP	Drilling	11376.73	697.61	11376.73	11449.00	2.80	11449.00	PASS
SEC.14-T04N-R63W	SLOT#02 LATHAM 11-14-14HNC (377'FNL & 333'FEL,SEC.14)	LATHAM 11-14-14HNC	LATHAM 11-14-14HNC AWB	LATHAM 11-14-14HNC AWP	Drilling	7523.28	658.50	7523.28	7502.97	3.04	7502.97	PASS
SEC.14-T04N-R63W	SLOT#01 LATHAM A11-E14-14HNB (392'FNL & 333'FEL,SEC.14)	LATHAM A11-E14-14HNB	LATHAM A11-E14-14HNB AWB	LATHAM A11-E14-14HNB AWP	Drilling	7174.84	708.16	7174.84	7076.03	3.12	7076.03	PASS
SEC.14-T04N-R63W	SLOT#12 LATHAM P-T-14HNC (359'FNL & 453'FEL,SEC.14)	LATHAM P-T-14HNC	LATHAM P-T-14HNC ST01 AWB	LATHAM P-T-14HNC ST01 AWP	Drilling	10747.37	704.88	10747.37	10813.83	3.22	10813.83	PASS
SEC.11-T04N-R63W	SLOT#01 BIGFOOT 11-8-1(2455'FSL & 620'FWL,SEC.11)	BIGFOOT 11-8-1	BIGFOOT 11-8-1 PWB	BIGFOOT 11-8-1 PWP Rev-B.0	Planned	23.00	123.86	11523.32	11523.32	3.24	11523.32	PASS
SEC.14-T04N-R63W	SLOT#13 LATHAM P41-T44-14HNB (344'FNL & 453'FEL,SEC.14)	LATHAM P41-T44-14HNB	LATHAM P41-T44-14HNB AWB	LATHAM P41-T44-14HNB AWP	Drilling	11064.02	749.23	11064.02	11141.25	3.30	11141.25	PASS
SEC.14-T04N-R63W	SLOT#15 LATHAM U41-Y44-14HNB (314'FNL & 453'FEL,SEC.14)	LATHAM U41-Y44-14HNB	LATHAM U41-Y44-14HNB AWB	LATHAM U41-Y44-14HNB AWP	Drilling	11523.32	770.31	11523.32	11523.32	3.33	11523.32	PASS
SEC.14-T04N-R63W	SLOT#04 LATHAM F-J-14HNC (347'FNL & 333'FEL,SEC.14)	LATHAM F-J-14HNC	LATHAM F-J-14HNC AWB	LATHAM F-J-14HNC AWP	Drilling	8187.18	668.41	8187.18	8205.10	3.45	8205.10	PASS
SEC.14-T04N-R63W	SLOT#03 LATHAM F11-J14-14HNB (362'FNL & 333'FEL,SEC.14)	LATHAM F11-J14-14HNB	LATHAM F11-J14-14HNB AWB	LATHAM F11-J14-14HNB AWP	Drilling	7840.72	716.69	7840.72	7821.25	3.58	7821.25	PASS

OFFSET WELL CLEARANCE SUMMARY (36 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	Wellbore Status	C-C Clearance Distance			Rule 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]	Rule Status
SEC.14-T04N-R63W	SLOT#06 LATHAM 21-24-14HNC (317'FNL & 333'FEL,SEC.14)	LATHAM 21-24-14HNC	LATHAM 21-24-14HNC AWB	LATHAM 21-24-14HNC AWP	Drilling	8857.58	679.35	8857.58	8911.89	3.62	8911.89	PASS
SEC.14-T04N-R63W	SLOT#10 LATHAM 31-34-14HNC (389'FNL & 453'FEL,SEC.14)	LATHAM 31-34-14HNC	LATHAM 31-34-14HNC AWB	LATHAM 31-34-14HNC AWP	Drilling	10094.15	697.63	10094.15	10171.27	3.63	10171.27	PASS
SEC.14-T04N-R63W	SLOT#05 LATHAM F21-J24-14HNB (332'FNL & 333'FEL,SEC.14)	LATHAM F21-J24-14HNB	LATHAM F21-J24-14HNB AWB	LATHAM F21-J24-14HNB AWP	Drilling	8499.70	714.46	8499.70	8547.97	3.81	8547.97	PASS
SEC.14-T04N-R63W	SLOT#11 LATHAM P31-T34-14HNB (374'FNL & 453'FEL,SEC.14)	LATHAM P31-T34-14HNB	LATHAM P31-T34-14HNB AWB	LATHAM P31-T34-14HNB AWP	Drilling	10407.39	751.01	10407.39	10492.39	3.84	10492.39	PASS
SEC.11-T04N-R63W	SLOT#20 BIGFOOT 11-7-3 (2281'FSL & 470'FWL,SEC.11)	BIGFOOT 11-7-3	BIGFOOT 11-7-3 PWB	BIGFOOT 11-7-3 PWP Rev-B.0	Planned	1252.07	140.87	11523.32	11523.32	3.84	11523.32	PASS
SEC.14-T04N-R63W	SLOT#08 LATHAM K-O-14HNC (287'FNL & 332'FEL,SEC.14)	LATHAM K-O-14HNC	LATHAM K-O-14HNC AWB	LATHAM K-O-14HNC AWP	Drilling	9438.83	701.05	9438.83	9508.46	4.00	9508.46	PASS
SEC.14-T04N-R63W	SLOT#09 LATHAM K31-O34-14HNB (272'FNL & 332'FEL,SEC.14)	LATHAM K31-O34-14HNB	LATHAM K31-O34-14HNB AWB	LATHAM K31-O34-14HNB AWP	Drilling	9766.06	746.99	9766.06	9844.43	4.31	9844.43	PASS
SEC.14-T04N-R63W	SLOT#07 LATHAM K21-O24-14HNB (302'FNL & 332'FEL,SEC.14)	LATHAM K21-O24-14HNB	LATHAM K21-O24-14HNB AWB	LATHAM K21-O24-14HNB AWP	Drilling	9100.06	722.77	9100.06	9182.41	4.39	9182.41	PASS
SEC.11-T04N-R63W	SLOT#19 BIGFOOT 11-6-2 (2306'FSL & 470'FWL,SEC.11)	BIGFOOT 11-6-2	BIGFOOT 11-6-2 PWB	BIGFOOT 11-6-2 PWP Rev-B.0	Planned	1140.32	142.59	1140.32	11523.32	4.71	11523.32	PASS
SEC.11-T04N-R63W	SLOT#18 BIGFOOT 11-3-4 (2331'FSL & 470'FWL,SEC.11)	BIGFOOT 11-3-4	BIGFOOT 11-3-4 PWB	BIGFOOT 11-3-4 PWP Rev-B.0	Planned	1016.17	144.87	1016.17	11523.32	5.25	11523.32	PASS

Closest Approach Clearance Summary Report

BIGFOOT 11-5-4 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-5-4**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-5-4 PWB**
Slot	**SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)**		

CALCULATION RANGE & CUTOFF		
From: **23.00ft MD**	To: **11523.32ft MD**	C-C Cutoff: **(none)**

OFFSET WELL CLEARANCE SUMMARY (36 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	Wellbore Status	C-C Clearance Distance			Rule 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]	Rule Status
SEC.11-T04N-R63W	SLOT#17 BIGFOOT 11-5-1 (2356'FSL & 470'FWL,SEC.11)	BIGFOOT 11-5-1	BIGFOOT 11-5-1 PWB	BIGFOOT 11-5-1 PWP Rev-B.0	Planned	900.18	151.46	900.18	11523.32	5.84	11523.32	PASS
SEC.11-T04N-R63W	SLOT#16 BIGFOOT 11-4-3 (2381'FSL & 470'FWL,SEC.11)	BIGFOOT 11-4-3	BIGFOOT 11-4-3 PWB	BIGFOOT 11-4-3 PWP Rev-B.0	Planned	807.93	157.79	807.93	11523.32	6.47	11523.32	PASS
SEC.11-T04N-R63W	SLOT#15 BIGFOOT 11-3-2 (2406'FSL & 470'FWL,SEC.11)	BIGFOOT 11-3-2	BIGFOOT 11-3-2 PWB	BIGFOOT 11-3-2 PWP Rev-B.0	Planned	23.00	167.27	750.00	11523.32	7.31	11523.32	PASS
SEC.11-T04N-R63W	SLOT#14 BIGFOOT 11-2-4 (2431'FSL & 470'FWL,SEC.11)	BIGFOOT 11-2-4	BIGFOOT 11-2-4 PWB	BIGFOOT 11-2-4 PWP Rev-B.0	Planned	23.00	179.85	623.00	11523.32	7.87	11523.32	PASS
SEC.14-T04N-R63W	SLOT#18 LATHAM E14-A11-12HNB (269'FNL & 452'FEL,SEC.14)	LATHAM E14-A11-12HNB	LATHAM E14-A11-12HNB AWB	LATHAM E14-A11-12HNB AWP	Drilling	11523.32	755.39	11523.32	11523.32	8.78	11523.32	PASS
SEC.10-T04N-R63W	SLOT#02 70 RANCH 10-11-2 (2360'FNL & 514'FEL, SEC.10)	70 RANCH 10-11-2	70 RANCH 10-11-2 AWB	70 RANCH 10-11-2 AWP	Drilling	1188.59	1244.21	11523.32	11523.32	9.18	11523.32	PASS
SEC.10-T04N-R63W	SLOT#01 70 RANCH 10-11-1 (2345'FNL & 514'FEL, SEC.10)	70 RANCH 10-11-1	70 RANCH 10-11-1 AWB	70 RANCH 10-11-1 AWP	Drilling	23.00	1255.26	11523.32	11523.32	10.52	11523.32	PASS
SEC.11-T04N-R63W	SLOT#13 BIGFOOT 11-1-4 (2456'FSL & 470'FWL,SEC.11)	BIGFOOT 11-1-4	BIGFOOT 11-1-4 PWB	BIGFOOT 11-1-4 PWP Rev-B.0	Planned	23.00	194.97	223.00	11523.32	10.74	11523.32	PASS
SEC.14-T04N-R63W	SLOT#17 LATHAM 14-11-12HNC (284'FNL & 452'FEL,SEC.14)	LATHAM 14-11-12HNC	LATHAM 14-11-12HNC AWB	LATHAM 14-11-12HNC AWP	Drilling	11523.32	1096.06	11523.32	11523.32	12.49	11523.32	PASS
SEC.14-T04N-R63W	SLOT#12 LATHAM P-T-14HNC (359'FNL & 453'FEL,SEC.14)	LATHAM P-T-14HNC	LATHAM P-T-14HNC OWB AWB	LATHAM P-T-14HNC OWB AWP	Drilling	11069.66	2304.61	11069.66	11523.32	18.62	11523.32	PASS
SEC.14-T04N-R63W	SLOT#16 LATHAM J-F-12HNC (299'FNL & 452'FEL,SEC.14)	LATHAM J-F-12HNC	LATHAM J-F-12HNC AWB	LATHAM J-F-12HNC AWP	Drilling	11523.32	1967.16	11523.32	11523.32	22.08	11523.32	PASS