CONFLUENCE RESOURCES

Location:	COLORADO	Slot:	SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)
Field:	WELD COUNTY (NAD83, TRUE NORTH)	Well:	BIGFOOT 11-12-2
Facility:	SEC.11-T04N-R63W	Wellbore:	BIGFOOT 11-12-2 PWB

Plot reference wellpath is BIGFOOT 11-12-2 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#07 BIGFOOT 11-12-2 (2305'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#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)	-149.37	2.79	3303113.492	1363486.286	40°19'33.8520"N	104°24'46.1520"W

Rig (23') (KB) to Ground level (At Slot: SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11))	23ft
Mean Sea Level to Ground level (At Slot: SLOT#07 BIGFOOT 11-12-2 (2305'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	1724.89	1701.89	23.00	1700.00	0.00	0.00	-181.28	-81.81	BIGFOOT 11-12-2 PWB

Survey Program

Start MD (ft)	End MD (ft)	Tool	Model	Log Name/Comment	Wellbore
23.00	1724.89	BH NaviTrak (2019)	BH NaviTrak (2019) (Standard)		BIGFOOT 11-12-2 PWB
1724.89	11363.37	BH AutoTrak Curve/eXpress (2019)	BH AutoTrak Curve/eXpress (2019) (Short spacing)		BIGFOOT 11-12-2 PWB

Bottom Hole Location

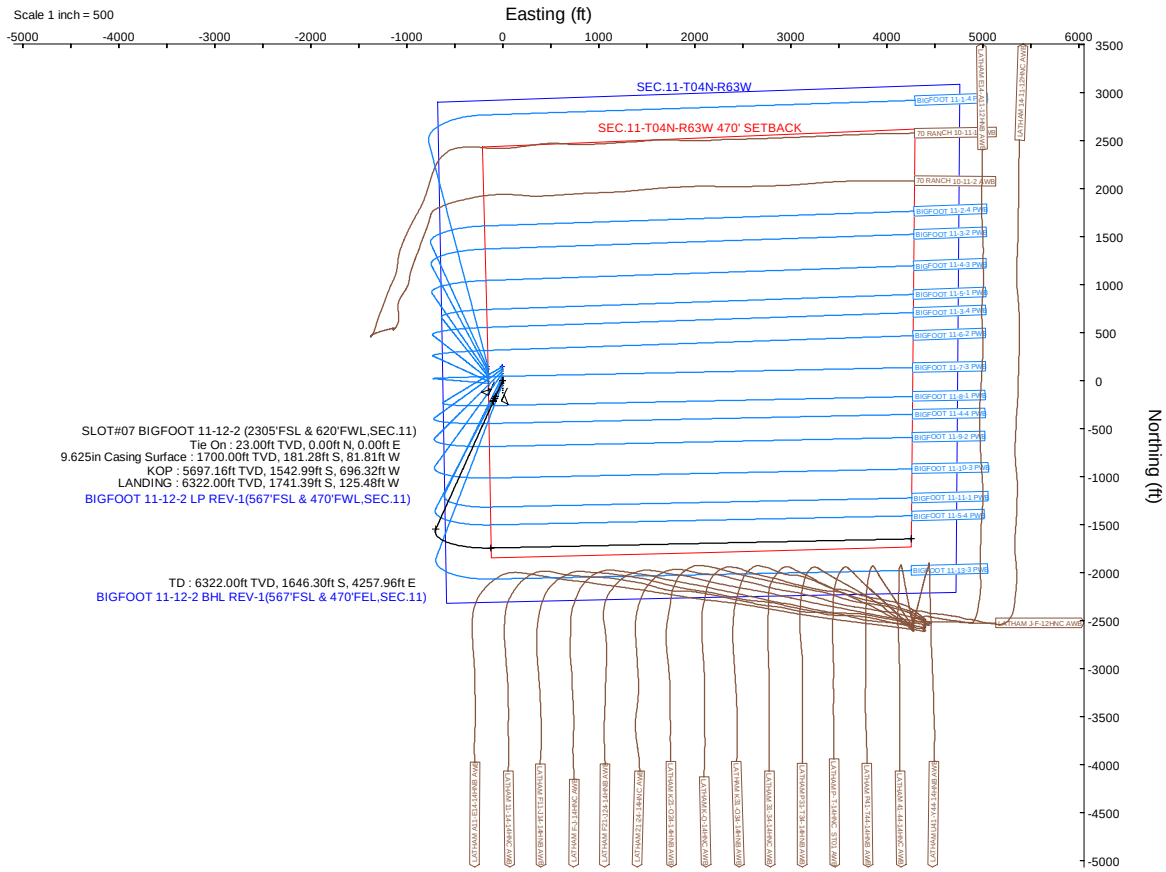
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
11363.37	90.000	88.757	6322.00	-1646.30	4257.96	3307391.13	1361892.38	40°19'17.5800"N	104°23'51.1800"W

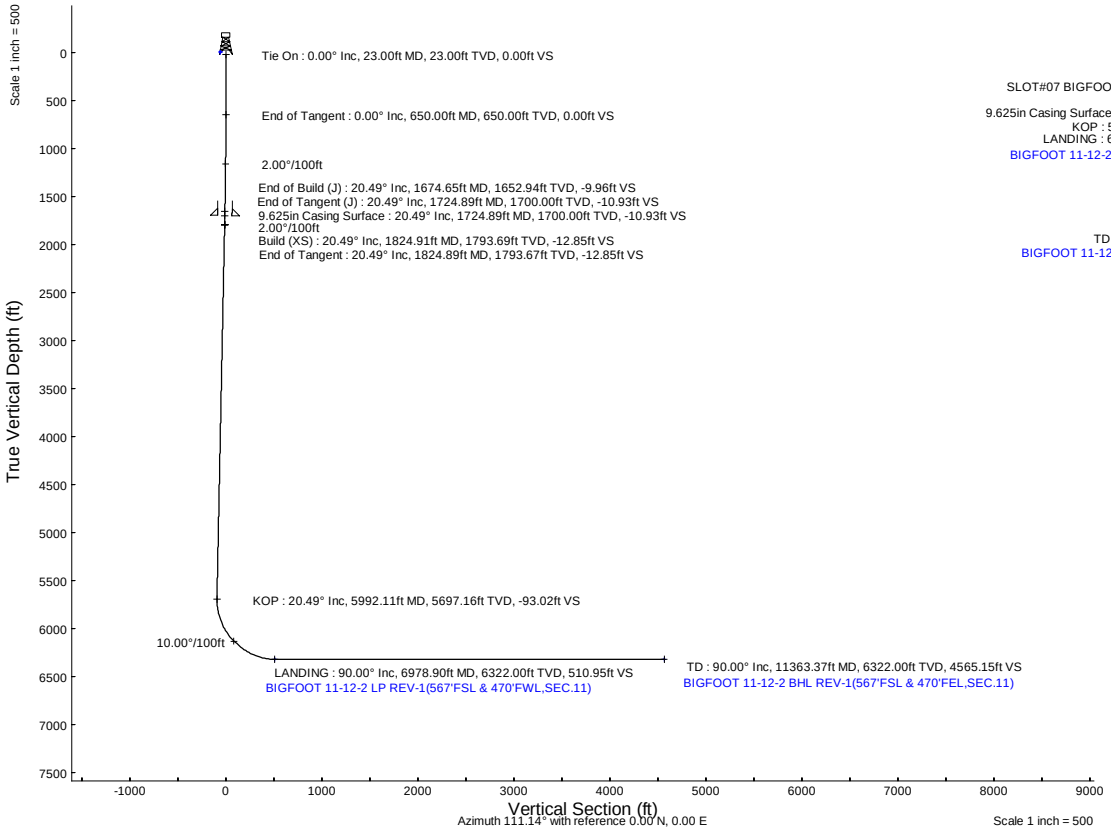
Targets

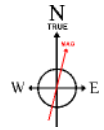
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.11-T04N-R63W	N/A	-2.50	149.37	-2.79	3303108.87	1363635.60	40°19'35.3280"N	104°24'46.1880"W
SEC.11-T04N-R63W 470' SETBACK	N/A	-2.50	149.37	-2.79	3303108.87	1363635.60	40°19'35.3280"N	104°24'46.1880"W
BIGFOOT 11-12-2 BHL REV-1(567'FSL & 470'FEL,SEC.11)	11363.37	6322.00	-1646.30	4257.96	3307391.13	1361892.38	40°19'17.5800"N	104°23'51.1800"W
BIGFOOT 11-12-2 LP REV-1(567'FSL & 470'FWL,SEC.11)	6978.90	6322.00	-1741.39	-125.48	3303009.38	1361743.57	40°19'16.6440"N	104°24'47.7720"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	204.288	23.00	0.00	0.00	0.00	0.00
End of Tangent	650.00	0.000	204.288	650.00	0.00	0.00	0.00	0.00
End of Build (J)	1674.65	20.493	204.288	1652.94	-165.25	-74.57	2.00	-9.96
End of Tangent (J)	1724.89	20.493	204.288	1700.00	-181.28	-81.81	0.00	-10.93
End of Tangent	1824.89	20.493	204.288	1793.67	-213.19	-96.21	0.00	-12.85
Build (XS)	1824.91	20.493	204.289	1793.69	-213.20	-96.21	2.00	-12.85
KOP	5992.11	20.493	204.289	5697.16	-1542.99	-696.32	0.00	-93.02
LANDING	6978.90	90.000	88.757	6322.00	-1741.39	-125.48	10.00	510.95
TD	11363.37	90.000	88.757	6322.00	-1646.30	4257.96	0.00	4565.15







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 11-12-2 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'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 **1:54:17 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	-149.37	2.79	3303113.49	1363486.29	**40.3260700°**	**-104.4128200°**
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#07 BIGFOOT 11-12-2 (2305'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	**111.14°**

Planned Wellpath Report

BIGFOOT 11-12-2 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (123 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	204.288	0.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	
23.00	0.000	204.288	23.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	Tie On
123.00†	0.000	204.288	123.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	
223.00†	0.000	204.288	223.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	
323.00†	0.000	204.288	323.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	
423.00†	0.000	204.288	423.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	
523.00†	0.000	204.288	523.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	
623.00†	0.000	204.288	623.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	
650.00	0.000	204.288	650.00	0.00	0.00	0.00	3303113.49	1363486.29	40.3260700	-104.4128200	0.00	End of Tangent
723.00†	1.460	204.288	722.99	-0.05	-0.85	-0.38	3303113.12	1363485.43	40.3260677	-104.4128214	2.00	
823.00†	3.460	204.288	822.89	-0.29	-4.76	-2.15	3303111.40	1363481.50	40.3260569	-104.4128277	2.00	
923.00†	5.460	204.288	922.59	-0.71	-11.85	-5.35	3303108.29	1363474.37	40.3260375	-104.4128392	2.00	
1023.00†	7.460	204.288	1021.95	-1.33	-22.10	-9.97	3303103.79	1363464.06	40.3260093	-104.4128558	2.00	
1123.00†	9.460	204.288	1120.85	-2.14	-35.51	-16.02	3303097.90	1363450.58	40.3259725	-104.4128775	2.00	
1223.00†	11.460	204.288	1219.19	-3.14	-52.06	-23.49	3303090.64	1363433.95	40.3259271	-104.4129043	2.00	
1323.00†	13.460	204.288	1316.83	-4.32	-71.72	-32.37	3303082.01	1363414.17	40.3258731	-104.4129361	2.00	
1423.00†	15.460	204.288	1413.65	-5.70	-94.48	-42.64	3303072.02	1363391.29	40.3258107	-104.4129729	2.00	
1523.00†	17.460	204.288	1509.55	-7.25	-120.31	-54.29	3303060.68	1363365.33	40.3257398	-104.4130147	2.00	
1623.00†	19.460	204.288	1604.40	-8.99	-149.17	-67.31	3303048.01	1363336.31	40.3256605	-104.4130614	2.00	
1674.65	20.493	204.288	1652.94	-9.96	-165.25	-74.57	3303040.95	1363320.14	40.3256164	-104.4130874	2.00	End of Build (J)
1723.00†	20.493	204.288	1698.23	-10.89	-180.68	-81.53	3303034.18	1363304.63	40.3255740	-104.4131124	0.00	
1724.89	20.493	204.288	1700.00	-10.93	-181.28	-81.81	3303033.92	1363304.02	40.3255724	-104.4131134	0.00	End of Tangent (J)
1823.00†	20.493	204.288	1791.90	-12.81	-212.59	-95.93	3303020.18	1363272.54	40.3254865	-104.4131641	0.00	
1824.89	20.493	204.288	1793.67	-12.85	-213.19	-96.21	3303019.91	1363271.94	40.3254848	-104.4131650	0.00	End of Tangent
1824.91	20.493	204.289	1793.69	-12.85	-213.20	-96.21	3303019.91	1363271.93	40.3254848	-104.4131650	2.00	Build (XS)
1923.00†	20.493	204.289	1885.58	-14.74	-244.50	-110.34	3303006.17	1363240.46	40.3253989	-104.4132157	0.00	
2023.00†	20.493	204.289	1979.25	-16.66	-276.41	-124.74	3302992.16	1363208.38	40.3253113	-104.4132674	0.00	
2123.00†	20.493	204.289	2072.92	-18.59	-308.32	-139.14	3302978.15	1363176.29	40.3252237	-104.4133190	0.00	
2223.00†	20.493	204.289	2166.59	-20.51	-340.23	-153.54	3302964.14	1363144.21	40.3251361	-104.4133706	0.00	
2323.00†	20.493	204.289	2260.26	-22.43	-372.15	-167.94	3302950.14	1363112.13	40.3250485	-104.4134223	0.00	

Planned Wellpath Report

BIGFOOT 11-12-2 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (123 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†	20.493	204.289	2353.93	-24.36	-404.06	-182.34	3302936.13	1363080.04	40.3249609	-104.4134739	0.00	
2523.00†	20.493	204.289	2447.60	-26.28	-435.97	-196.74	3302922.12	1363047.96	40.3248733	-104.4135256	0.00	
2623.00†	20.493	204.289	2541.27	-28.20	-467.88	-211.14	3302908.11	1363015.88	40.3247857	-104.4135772	0.00	
2723.00†	20.493	204.289	2634.95	-30.13	-499.79	-225.54	3302894.11	1362983.79	40.3246981	-104.4136289	0.00	
2823.00†	20.493	204.289	2728.62	-32.05	-531.70	-239.94	3302880.10	1362951.71	40.3246105	-104.4136805	0.00	
2923.00†	20.493	204.289	2822.29	-33.98	-563.61	-254.34	3302866.09	1362919.62	40.3245229	-104.4137322	0.00	
3023.00†	20.493	204.289	2915.96	-35.90	-595.52	-268.74	3302852.08	1362887.54	40.3244353	-104.4137838	0.00	
3123.00†	20.493	204.289	3009.63	-37.82	-627.43	-283.14	3302838.07	1362855.46	40.3243477	-104.4138355	0.00	
3223.00†	20.493	204.289	3103.30	-39.75	-659.34	-297.54	3302824.07	1362823.37	40.3242601	-104.4138871	0.00	
3323.00†	20.493	204.289	3196.97	-41.67	-691.25	-311.95	3302810.06	1362791.29	40.3241725	-104.4139387	0.00	
3423.00†	20.493	204.289	3290.64	-43.60	-723.17	-326.35	3302796.05	1362759.21	40.3240850	-104.4139904	0.00	
3523.00†	20.493	204.289	3384.32	-45.52	-755.08	-340.75	3302782.04	1362727.12	40.3239974	-104.4140420	0.00	
3623.00†	20.493	204.289	3477.99	-47.44	-786.99	-355.15	3302768.04	1362695.04	40.3239098	-104.4140937	0.00	
3723.00†	20.493	204.289	3571.66	-49.37	-818.90	-369.55	3302754.03	1362662.96	40.3238222	-104.4141453	0.00	
3823.00†	20.493	204.289	3665.33	-51.29	-850.81	-383.95	3302740.02	1362630.87	40.3237346	-104.4141970	0.00	
3923.00†	20.493	204.289	3759.00	-53.21	-882.72	-398.35	3302726.01	1362598.79	40.3236470	-104.4142486	0.00	
4023.00†	20.493	204.289	3852.67	-55.14	-914.63	-412.75	3302712.00	1362566.70	40.3235594	-104.4143003	0.00	
4123.00†	20.493	204.289	3946.34	-57.06	-946.54	-427.15	3302698.00	1362534.62	40.3234718	-104.4143519	0.00	
4223.00†	20.493	204.289	4040.02	-58.99	-978.45	-441.55	3302683.99	1362502.54	40.3233842	-104.4144035	0.00	
4323.00†	20.493	204.289	4133.69	-60.91	-1010.36	-455.95	3302669.98	1362470.45	40.3232966	-104.4144552	0.00	
4423.00†	20.493	204.289	4227.36	-62.83	-1042.27	-470.35	3302655.97	1362438.37	40.3232090	-104.4145068	0.00	
4523.00†	20.493	204.289	4321.03	-64.76	-1074.19	-484.75	3302641.97	1362406.29	40.3231214	-104.4145585	0.00	
4623.00†	20.493	204.289	4414.70	-66.68	-1106.10	-499.15	3302627.96	1362374.20	40.3230338	-104.4146101	0.00	
4723.00†	20.493	204.289	4508.37	-68.60	-1138.01	-513.55	3302613.95	1362342.12	40.3229462	-104.4146618	0.00	
4823.00†	20.493	204.289	4602.04	-70.53	-1169.92	-527.96	3302599.94	1362310.03	40.3228586	-104.4147134	0.00	
4923.00†	20.493	204.289	4695.71	-72.45	-1201.83	-542.36	3302585.94	1362277.95	40.3227710	-104.4147650	0.00	
5023.00†	20.493	204.289	4789.39	-74.38	-1233.74	-556.76	3302571.93	1362245.87	40.3226834	-104.4148167	0.00	
5123.00†	20.493	204.289	4883.06	-76.30	-1265.65	-571.16	3302557.92	1362213.78	40.3225959	-104.4148683	0.00	
5223.00†	20.493	204.289	4976.73	-78.22	-1297.56	-585.56	3302543.91	1362181.70	40.3225083	-104.4149200	0.00	
5323.00†	20.493	204.289	5070.40	-80.15	-1329.47	-599.96	3302529.90	1362149.62	40.3224207	-104.4149716	0.00	

Planned Wellpath Report

BIGFOOT 11-12-2 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (123 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†	20.493	204.289	5164.07	-82.07	-1361.38	-614.36	3302515.90	1362117.53	40.3223331	-104.4150233	0.00	
5523.00†	20.493	204.289	5257.74	-84.00	-1393.29	-628.76	3302501.89	1362085.45	40.3222455	-104.4150749	0.00	
5623.00†	20.493	204.289	5351.41	-85.92	-1425.21	-643.16	3302487.88	1362053.37	40.3221579	-104.4151265	0.00	
5723.00†	20.493	204.289	5445.08	-87.84	-1457.12	-657.56	3302473.87	1362021.28	40.3220703	-104.4151782	0.00	
5823.00†	20.493	204.289	5538.76	-89.77	-1489.03	-671.96	3302459.87	1361989.20	40.3219827	-104.4152298	0.00	
5923.00†	20.493	204.289	5632.43	-91.69	-1520.94	-686.36	3302445.86	1361957.11	40.3218951	-104.4152815	0.00	
5992.11	20.493	204.289	5697.16	-93.02	-1542.99	-696.32	3302436.18	1361934.94	40.3218346	-104.4153172	0.00	KOP
6023.00†	19.429	195.785	5726.20	-92.84	-1552.87	-699.94	3302432.68	1361925.02	40.3218075	-104.4153301	10.00	
6123.00†	19.134	165.189	5820.83	-81.64	-1584.80	-700.27	3302432.73	1361893.09	40.3217198	-104.4153313	10.00	
6223.00†	23.401	139.957	5914.20	-54.55	-1615.92	-683.26	3302450.12	1361862.18	40.3216344	-104.4152703	10.00	
6323.00†	30.361	123.909	6003.45	-12.40	-1645.30	-649.43	3302484.31	1361833.22	40.3215537	-104.4151490	10.00	
6423.00†	38.579	113.768	6085.89	43.54	-1672.03	-599.79	3302534.27	1361807.10	40.3214804	-104.4149710	10.00	
6523.00†	47.399	106.825	6159.01	111.56	-1695.31	-535.87	3302598.47	1361784.61	40.3214165	-104.4147417	10.00	
6623.00†	56.533	101.640	6220.59	189.60	-1714.43	-459.59	3302674.97	1361766.43	40.3213640	-104.4144682	10.00	
6723.00†	65.841	97.458	6268.75	275.28	-1728.80	-373.29	3302761.44	1361753.12	40.3213245	-104.4141587	10.00	
6823.00†	75.247	93.853	6302.03	366.00	-1737.99	-279.57	3302855.26	1361745.07	40.3212993	-104.4138226	10.00	
6923.00†	84.704	90.549	6319.42	459.01	-1741.73	-181.30	3302953.57	1361742.54	40.3212891	-104.4134702	10.00	
6978.90	90.000	88.757	6322.00[1]	510.95	-1741.39	-125.48	3303009.38	1361743.57	40.3212900	-104.4132700	10.00	LANDING
7023.00†	90.000	88.757	6322.00	551.73	-1740.43	-81.39	3303053.45	1361745.06	40.3212926	-104.4131119	0.00	
7123.00†	90.000	88.757	6322.00	644.20	-1738.26	18.59	3303153.39	1361748.46	40.3212986	-104.4127533	0.00	
7223.00†	90.000	88.757	6322.00	736.66	-1736.09	118.56	3303253.33	1361751.85	40.3213045	-104.4123948	0.00	
7323.00†	90.000	88.757	6322.00	829.13	-1733.93	218.54	3303353.26	1361755.25	40.3213105	-104.4120363	0.00	
7423.00†	90.000	88.757	6322.00	921.60	-1731.76	318.52	3303453.20	1361758.64	40.3213164	-104.4116777	0.00	
7523.00†	90.000	88.757	6322.00	1014.07	-1729.59	418.49	3303553.14	1361762.03	40.3213224	-104.4113192	0.00	
7623.00†	90.000	88.757	6322.00	1106.53	-1727.42	518.47	3303653.08	1361765.43	40.3213283	-104.4109607	0.00	
7723.00†	90.000	88.757	6322.00	1199.00	-1725.25	618.45	3303753.02	1361768.82	40.3213343	-104.4106021	0.00	
7823.00†	90.000	88.757	6322.00	1291.47	-1723.08	718.42	3303852.95	1361772.22	40.3213402	-104.4102436	0.00	
7923.00†	90.000	88.757	6322.00	1383.93	-1720.91	818.40	3303952.89	1361775.61	40.3213462	-104.4098850	0.00	
8023.00†	90.000	88.757	6322.00	1476.40	-1718.74	918.38	3304052.83	1361779.01	40.3213521	-104.4095265	0.00	
8123.00†	90.000	88.757	6322.00	1568.87	-1716.58	1018.35	3304152.77	1361782.40	40.3213581	-104.4091680	0.00	

Planned Wellpath Report

BIGFOOT 11-12-2 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (123 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	88.757	6322.00	1661.33	-1714.41	1118.33	3304252.71	1361785.79	40.3213640	-104.4088094	0.00	
8323.00†	90.000	88.757	6322.00	1753.80	-1712.24	1218.31	3304352.64	1361789.19	40.3213699	-104.4084509	0.00	
8423.00†	90.000	88.757	6322.00	1846.27	-1710.07	1318.28	3304452.58	1361792.58	40.3213759	-104.4080924	0.00	
8523.00†	90.000	88.757	6322.00	1938.74	-1707.90	1418.26	3304552.52	1361795.98	40.3213818	-104.4077338	0.00	
8623.00†	90.000	88.757	6322.00	2031.20	-1705.73	1518.23	3304652.46	1361799.37	40.3213877	-104.4073753	0.00	
8723.00†	90.000	88.757	6322.00	2123.67	-1703.56	1618.21	3304752.40	1361802.76	40.3213937	-104.4070167	0.00	
8823.00†	90.000	88.757	6322.00	2216.14	-1701.40	1718.19	3304852.33	1361806.16	40.3213996	-104.4066582	0.00	
8923.00†	90.000	88.757	6322.00	2308.60	-1699.23	1818.16	3304952.27	1361809.55	40.3214055	-104.4062997	0.00	
9023.00†	90.000	88.757	6322.00	2401.07	-1697.06	1918.14	3305052.21	1361812.95	40.3214115	-104.4059411	0.00	
9123.00†	90.000	88.757	6322.00	2493.54	-1694.89	2018.12	3305152.15	1361816.34	40.3214174	-104.4055826	0.00	
9223.00†	90.000	88.757	6322.00	2586.01	-1692.72	2118.09	3305252.08	1361819.73	40.3214233	-104.4052241	0.00	
9323.00†	90.000	88.757	6322.00	2678.47	-1690.55	2218.07	3305352.02	1361823.13	40.3214293	-104.4048655	0.00	
9423.00†	90.000	88.757	6322.00	2770.94	-1688.38	2318.05	3305451.96	1361826.52	40.3214352	-104.4045070	0.00	
9523.00†	90.000	88.757	6322.00	2863.41	-1686.21	2418.02	3305551.90	1361829.92	40.3214411	-104.4041484	0.00	
9623.00†	90.000	88.757	6322.00	2955.87	-1684.05	2518.00	3305651.84	1361833.31	40.3214471	-104.4037899	0.00	
9723.00†	90.000	88.757	6322.00	3048.34	-1681.88	2617.98	3305751.77	1361836.70	40.3214530	-104.4034314	0.00	
9823.00†	90.000	88.757	6322.00	3140.81	-1679.71	2717.95	3305851.71	1361840.10	40.3214589	-104.4030728	0.00	
9923.00†	90.000	88.757	6322.00	3233.28	-1677.54	2817.93	3305951.65	1361843.49	40.3214648	-104.4027143	0.00	
10023.00†	90.000	88.757	6322.00	3325.74	-1675.37	2917.91	3306051.59	1361846.89	40.3214707	-104.4023558	0.00	
10123.00†	90.000	88.757	6322.00	3418.21	-1673.20	3017.88	3306151.53	1361850.28	40.3214767	-104.4019972	0.00	
10223.00†	90.000	88.757	6322.00	3510.68	-1671.03	3117.86	3306251.46	1361853.68	40.3214826	-104.4016387	0.00	
10323.00†	90.000	88.757	6322.00	3603.14	-1668.86	3217.83	3306351.40	1361857.07	40.3214885	-104.4012801	0.00	
10423.00†	90.000	88.757	6322.00	3695.61	-1666.70	3317.81	3306451.34	1361860.46	40.3214944	-104.4009216	0.00	
10523.00†	90.000	88.757	6322.00	3788.08	-1664.53	3417.79	3306551.28	1361863.86	40.3215003	-104.4005631	0.00	
10623.00†	90.000	88.757	6322.00	3880.55	-1662.36	3517.76	3306651.22	1361867.25	40.3215062	-104.4002045	0.00	
10723.00†	90.000	88.757	6322.00	3973.01	-1660.19	3617.74	3306751.15	1361870.65	40.3215122	-104.3998460	0.00	
10823.00†	90.000	88.757	6322.00	4065.48	-1658.02	3717.72	3306851.09	1361874.04	40.3215181	-104.3994874	0.00	
10923.00†	90.000	88.757	6322.00	4157.95	-1655.85	3817.69	3306951.03	1361877.43	40.3215240	-104.3991289	0.00	
11023.00†	90.000	88.757	6322.00	4250.41	-1653.68	3917.67	3307050.97	1361880.83	40.3215299	-104.3987704	0.00	
11123.00†	90.000	88.757	6322.00	4342.88	-1651.52	4017.65	3307150.91	1361884.22	40.3215358	-104.3984118	0.00	

Planned Wellpath Report

BIGFOOT 11-12-2 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

WELLPATH DATA (123 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	88.757	6322.00	4435.35	-1649.35	4117.62	3307250.84	1361887.62	40.3215417	-104.3980533	0.00	
11323.00†	90.000	88.757	6322.00	4527.81	-1647.18	4217.60	3307350.78	1361891.01	40.3215476	-104.3976948	0.00	
11363.37	90.000	88.757	6322.00[2]	4565.15	-1646.30	4257.96	3307391.13	1361892.38	40.3215500	-104.3975500	0.00	TD

HOLE & CASING SECTIONS

- Ref Wellbore: BIGFOOT 11-12-2 PWB Ref Wellpath: BIGFOOT 11-12-2 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	1724.89	1701.89	23.00	1700.00	0.00	0.00	-181.28	-81.81

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	149.37	-2.79	3303108.87	1363635.60	40.3264800	-104.4128300	polygon
	2D Polygon: dimensions not calculated								
SEC.11-T04N-R63W 470' SETBACK	N/A	-2.50	149.37	-2.79	3303108.87	1363635.60	40.3264800	-104.4128300	polygon
	2D Polygon: dimensions not calculated								
2) BIGFOOT 11-12-2 BHL REV-1 (567'FSL & 470'FEL,SEC.11)	11363.37	6322.00	-1646.30	4257.96	3307391.13	1361892.38	**40.3215500**	**-104.3975500**	point
1) BIGFOOT 11-12-2 LP REV-1 (567'FSL & 470'FWL,SEC.11)	6978.90	6322.00	-1741.39	-125.48	3303009.38	1361743.57	**40.3212900**	**-104.4132700**	point

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

SURVEY PROGRAM - Ref Wellbore: BIGFOOT 11-12-2 PWB Ref Wellpath: BIGFOOT 11-12-2 PWP Rev-B.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
23.00	1724.89	BH NaviTrak (2019) (Standard)		BIGFOOT 11-12-2 PWB
1724.89	11363.37	BH AutoTrak Curve/eXpress (2019) (Short spacing)		BIGFOOT 11-12-2 PWB

Planned Wellpath Report

BIGFOOT 11-12-2 PWP Rev-B.0

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

DESIGN COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
23.00	0.000	204.288	23.00	Tie On
650.00	0.000	204.288	650.00	End of Tangent
1674.65	20.493	204.288	1652.94	End of Build (J)
1724.89	20.493	204.288	1700.00	End of Tangent (J)
1824.89	20.493	204.288	1793.67	End of Tangent
1824.91	20.493	204.289	1793.69	Build (XS)
5992.11	20.493	204.289	5697.16	KOP
6978.90	90.000	88.757	6322.00	LANDING
11363.37	90.000	88.757	6322.00	TD

Closest Approach Clearance Summary Report

BIGFOOT 11-12-2 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION

Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'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 **1:54:22 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	-149.37	2.79	3303113.49	1363486.29	**40.3260700°**	**-104.4128200°**
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#07 BIGFOOT 11-12-2 (2305'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 11-12-2 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'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 11-12-2 PWB Ref Wellpath: BIGFOOT 11-12-2 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	1724.89	1701.89	23.00	1700.00	0.00	0.00	-181.28	-81.81

SURVEY PROGRAM - Ref Wellbore: BIGFOOT 11-12-2 PWB Ref Wellpath: BIGFOOT 11-12-2 PWP Rev-B.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
23.00	1724.89	BH NaviTrak (2019) (Standard)		BIGFOOT 11-12-2 PWB
1724.89	11363.37	BH AutoTrak Curve/eXpress (2019) (Short spacing)		BIGFOOT 11-12-2 PWB

Closest Approach Clearance Summary Report

BIGFOOT 11-12-2 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

CALCULATION RANGE & CUTOFF		
From: **23.00ft MD**	To: **11363.37ft MD**	C-C Cutoff: **(none)**

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

						C-C Clearance Distance			Rule Separation Ratio			
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	Wellbore Status	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#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	25.50	523.00	11363.37	0.85	11363.37	FAIL
SEC.11-T04N-R63W	SLOT#06 BIGFOOT 11-5-4 (2330'FSL & 620'FWL,SEC.11)	BIGFOOT 11-5-4	BIGFOOT 11-5-4 PWB	BIGFOOT 11-5-4 PWP Rev-B.0	Planned	23.00	25.65	11363.37	11363.37	1.05	11363.37	WARN
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	51.08	11363.37	11363.37	1.07	11363.37	WARN
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	11225.23	377.04	11225.23	11251.50	1.46	11251.50	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	7396.32	334.17	7396.32	7372.98	1.47	7372.98	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	7042.06	381.03	7042.06	6994.35	1.63	6994.35	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	10605.18	384.83	10605.18	10626.74	1.69	10626.74	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	8057.23	344.39	8057.23	8050.98	1.70	8050.98	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	10915.15	424.50	10915.15	10944.97	1.82	10944.97	PASS
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	76.56	11363.37	11363.37	1.82	11363.37	PASS
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	8731.26	357.49	8731.26	8730.87	1.83	8730.87	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	9955.90	375.88	9955.90	9977.15	1.88	9977.15	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	7710.75	390.33	7710.75	7673.59	1.89	7673.59	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	8363.40	389.58	8363.40	8370.91	2.00	8370.91	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	11363.37	460.71	11363.37	11363.37	2.07	11363.37	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#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	9302.37	377.57	9302.37	9318.10	2.08	9318.10	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	10260.05	424.47	10260.05	10289.37	2.12	10289.37	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	8954.47	394.97	8954.47	8976.00	2.34	8976.00	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	9620.04	419.25	9620.04	9641.50	2.38	9641.50	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	102.04	11363.37	11363.37	2.61	11363.37	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	123.90	11363.37	11363.37	3.30	11363.37	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	149.39	11363.37	11363.37	3.71	11363.37	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	1164.05	137.00	11363.37	11363.37	4.43	11363.37	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	1063.76	142.32	1063.76	11363.37	5.26	11363.37	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	960.54	148.93	960.54	11363.37	5.91	11363.37	PASS

Closest Approach Clearance Summary Report

BIGFOOT 11-12-2 PWP Rev-B.0 - SPE WPTS Stop Drilling HSE Risk (2017)

REFERENCE WELLPATH IDENTIFICATION			
Operator	**CONFLUENCE RESOURCES**	Well	**BIGFOOT 11-12-2**
Field	**WELD COUNTY (NAD83, TRUE NORTH)**	API/Legal	
Facility	**SEC.11-T04N-R63W**	Wellbore	**BIGFOOT 11-12-2 PWB**
Slot	**SLOT#07 BIGFOOT 11-12-2 (2305'FSL & 620'FWL,SEC.11)**		

CALCULATION RANGE & CUTOFF		
From: **23.00ft MD**	To: **11363.37ft MD**	C-C Cutoff: **(none)**

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

						C-C Clearance Distance			Rule Separation Ratio			
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	Wellbore Status	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	869.61	159.73	869.61	11363.37	6.39	11363.37	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	23.00	169.78	650.00	11363.37	7.08	11363.37	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	182.19	650.00	11363.37	7.89	11363.37	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	197.13	650.00	11363.37	8.52	11363.37	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	11363.37	723.31	11363.37	11363.37	8.64	11363.37	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	1128.98	1258.14	11363.37	11363.37	9.83	11363.37	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	1268.65	11363.37	11363.37	11.14	11363.37	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	214.07	223.00	11363.37	11.39	11363.37	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	11363.37	1083.58	11363.37	11363.37	12.78	11363.37	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	11363.37	1954.90	11363.37	11363.37	13.19	11363.37	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	10917.66	2019.24	10917.66	11363.37	18.28	11363.37	PASS