

# CONFLUENCE RESOURCES



Location: COLORADO Slot: SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)  
 Field: WELD COUNTY (NAD83, TRUE NORTH) Well: CANAL 22-4-2L  
 Facility: SEC.22-T01N-R65W Wellbore: CANAL 22-4-2L PWB

Plot reference wellpath is CANAL 22-4-2L PWP REV-A.0  
 True vertical depths are referenced to Rig (23) (KB)  
 Reference wellpath measured depths are referenced to Rig (23) (KB)  
 Rig (23) (KB) to Mean Sea Level: 5118 feet  
 Mean Sea Level to Mud line (At Slot: SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)): 0 feet  
 Offset wellpath MDs are referenced to each path's default MD datum  
 Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet  
 North Reference: True north  
 Scale: True distance  
 Coordinates are in feet referenced to Slot  
 Depths are in feet  
 Created by: painsetr on 2021-05-17; Database: WellArcheocIDB

### Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.22-T01N-R65W	3236383.461	1254962.137	40°01'48.6120"N	104°39'21.0600"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)	0.00	0.00	3236383.461	1254962.137
Rig (23) (KB) to Mudline (At Slot: SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22))	5118ft			
Mean Sea Level to Mud line (At Slot: SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22))	0ft			
Rig (23) (KB) to Mean Sea Level	5118ft			

### 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	1550.00	1527.00	23.00	1542.29	0.00	0.00	-98.51	47.87	CANAL 22-4-2L 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
17624.43	90.000	0.410	7267.00	9937.91	2177.84	3238466.52	1264919.95	40°03'26.8200"N	104°38'53.0520"W

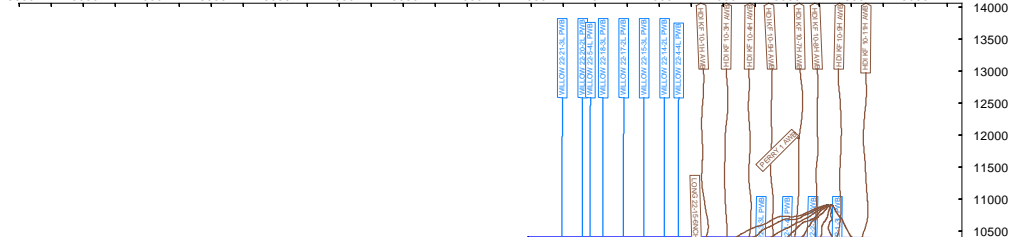
### Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SEC.15/22-T01N-R65W (SB 460)	N/A	6.50	0.00	0.00	3236383.46	1254962.14	40°01'48.6120"N	104°39'21.0600"W
SEC.15-T01N-R65W	N/A	10.00	0.00	0.00	3236383.46	1254962.14	40°01'48.6120"N	104°39'21.0600"W
SEC.22-T01N-R65W	N/A	10.00	0.00	0.00	3236383.46	1254962.14	40°01'48.6120"N	104°39'21.0600"W
CANAL 22-4-2L BHL REV-1(470'FNL & 2120'FEL,SEC.15)	17624.43	7267.00	9937.91	2177.84	3238466.52	1264919.95	40°03'26.8200"N	104°38'53.0520"W
CANAL 22-4-2L LP REV-1(470'FNL & 2120'FEL,SEC.22)	7966.87	7267.00	280.59	2108.68	3238489.29	1255262.78	40°01'51.3840"N	104°38'53.9520"W

### Well Profile Data

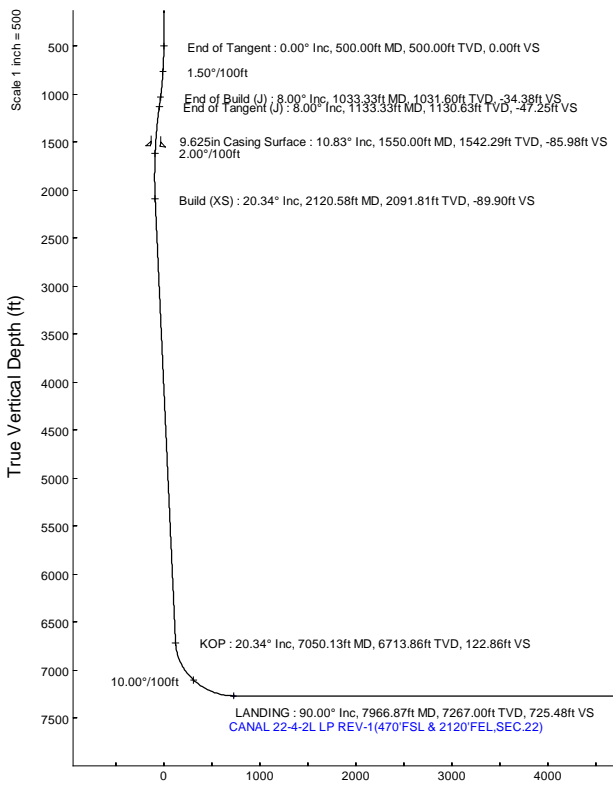
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	23.00	0.000	170.000	23.00	0.00	0.00	0.00	0.00
End of Tangent	500.00	0.000	170.000	500.00	0.00	0.00	0.00	0.00
End of Build (J)	1033.33	8.000	170.000	1031.60	-36.61	6.46	1.50	-34.38
End of Tangent (J)	1133.33	8.000	170.000	1130.63	-50.31	8.87	0.00	-47.25
Build (XS)	2120.58	20.344	95.229	2091.81	-134.45	193.53	2.00	-89.90
KOP	7050.13	20.344	95.229	6713.86	-290.64	1900.21	0.00	122.86
LANDING	7966.87	90.000	0.410	7267.00	280.59	2108.68	10.00	725.48
TD	17624.43	90.000	0.410	7267.00	9937.91	2177.84	0.00	10173.74

Scale 1 inch = 750 Easting (ft)



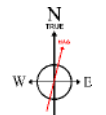
TD : 7267.00ft TVD, 9937.91ft N, 2177.84ft E  
 CANAL 22-4-2L BHL REV-1(470'FNL & 2120'FEL,SEC.15)

CANAL 22-4-2L LP REV-1(470'FNL & 2120'FEL,SEC.22)  
 LANDING : 7267.00ft TVD, 280.59ft N, 2108.68ft E  
 KOP : 6713.86ft TVD, 290.64ft S, 1900.21ft E  
 9.625in Casing Surface : 1542.29ft TVD, 98.51ft S, 47.87ft E  
 Tie On : 23.00ft TVD, 0.00ft N, 0.00ft E  
 SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)



Vertical Section (ft)  
 Azimuth 12.36° with reference 0.00 N, 0.00 E

TD : 90.00° Inc, 17624.43ft MD, 7267.00ft TVD, 10173.74ft VS  
 CANAL 22-4-2L BHL REV-1(470'FNL & 2120'FEL,SEC.15)



BGM (1900.0 to 2022.0) Dip: 66.26° Field: 51815.2 nT  
 Magnetic North is 7.73 degrees East of True North (at 5/17/2021)  
 To correct azimuth from Magnetic to True add 7.73 degrees

Scale 1 inch = 500



# Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	CONFLUENCE RESOURCES	Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)	API/Legal	
Facility	SEC.22-T01N-R65W	Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)		

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	0.999964	Report Generated	5/17/2021 at 1:53:54 PM
Convergence at slot	0.55° 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	0.00	0.00	3236383.46	1254962.14	40.0301700°	-104.6558500°
Facility Reference Pt			3236383.46	1254962.14	40.0301700°	-104.6558500°
Field Reference Pt			3230456.90	1245096.09	40.0032400°	-104.6773400°

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig (23') (KB) to Facility Vertical Datum	5118.00ft
Horizontal Reference Pt	Slot	Rig (23') (KB) to Mean Sea Level	5118.00ft
Vertical Reference Pt	Rig (23') (KB)	Rig (23') (KB) to Mud Line at Slot (SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22))	5118.00ft
MD Reference Pt	Rig (23') (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	12.36°



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Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)			

## WELLPATH DATA (185 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	170.000	0.00	0.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	0.00	
23.00	0.000	170.000	23.00	0.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	0.00	Tie On
123.00†	0.000	170.000	123.00	0.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	0.00	
223.00†	0.000	170.000	223.00	0.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	0.00	
323.00†	0.000	170.000	323.00	0.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	0.00	
423.00†	0.000	170.000	423.00	0.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	0.00	
500.00	0.000	170.000	500.00	0.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	0.00	End of Tangent
523.00†	0.345	170.000	523.00	-0.06	-0.07	0.01	3236383.47	1254962.07	40.0301698	-104.6558500	1.50	
623.00†	1.845	170.000	622.98	-1.83	-1.95	0.34	3236383.82	1254960.19	40.0301646	-104.6558488	1.50	
723.00†	3.345	170.000	722.87	-6.02	-6.41	1.13	3236384.65	1254955.74	40.0301524	-104.6558460	1.50	
823.00†	4.845	170.000	822.62	-12.62	-13.44	2.37	3236385.96	1254948.72	40.0301331	-104.6558415	1.50	
923.00†	6.345	170.000	922.14	-21.64	-23.04	4.06	3236387.74	1254939.14	40.0301067	-104.6558355	1.50	
1023.00†	7.845	170.000	1021.37	-33.06	-35.21	6.21	3236390.00	1254926.99	40.0300734	-104.6558278	1.50	
1033.33	8.000	170.000	1031.60	-34.38	-36.61	6.46	3236390.26	1254925.59	40.0300695	-104.6558269	1.50	End of Build (J)
1123.00†	8.000	170.000	1120.40	-45.92	-48.90	8.62	3236392.55	1254913.32	40.0300358	-104.6558192	0.00	
1133.33	8.000	170.000	1130.63	-47.25	-50.31	8.87	3236392.81	1254911.91	40.0300319	-104.6558183	0.00	End of Tangent (J)
1223.00†	7.987	157.078	1219.43	-58.11	-62.20	12.38	3236396.43	1254900.06	40.0299993	-104.6558058	2.00	
1323.00†	8.432	143.386	1318.42	-68.59	-74.48	19.46	3236403.63	1254887.85	40.0299655	-104.6557805	2.00	
1423.00†	9.293	131.634	1417.23	-77.35	-85.73	29.87	3236414.14	1254876.69	40.0299347	-104.6557433	2.00	
1523.00†	10.467	122.172	1515.75	-84.38	-95.94	43.59	3236427.97	1254866.62	40.0299067	-104.6556943	2.00	
1623.00†	11.862	114.752	1613.86	-89.66	-105.08	60.62	3236445.08	1254857.65	40.0298816	-104.6556335	2.00	
1723.00†	13.410	108.945	1711.44	-93.20	-113.14	80.92	3236465.45	1254849.77	40.0298594	-104.6555610	2.00	
1823.00†	15.062	104.355	1808.37	-94.98	-120.13	104.48	3236489.08	1254843.01	40.0298402	-104.6554769	2.00	
1923.00†	16.789	100.671	1904.53	-95.01	-126.03	131.26	3236515.91	1254837.37	40.0298240	-104.6553813	2.00	
2023.00†	18.569	97.666	1999.81	-93.28	-130.83	161.24	3236545.93	1254832.86	40.0298109	-104.6552742	2.00	
2120.58	20.344	95.229	2091.81	-89.90	-134.45	193.53	3236578.26	1254829.54	40.0298009	-104.6551589	2.00	Build (XS)
2123.00†	20.344	95.229	2094.08	-89.80	-134.52	194.37	3236579.09	1254829.48	40.0298007	-104.6551559	0.00	
2223.00†	20.344	95.229	2187.84	-85.48	-137.69	228.99	3236613.74	1254826.64	40.0297920	-104.6550323	0.00	
2323.00†	20.344	95.229	2281.60	-81.16	-140.86	263.61	3236648.39	1254823.80	40.0297833	-104.6549087	0.00	
2423.00†	20.344	95.229	2375.37	-76.85	-144.03	298.23	3236683.04	1254820.96	40.0297746	-104.6547850	0.00	



# Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION				
Operator	CONFLUENCE RESOURCES		Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)		API/Legal	
Facility	SEC.22-T01N-R65W		Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)			

WELLPATH DATA (185 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
2523.00†	20.344	95.229	2469.13	-72.53	-147.20	332.85	3236717.69	1254818.12	40.0297659	-104.6546614	0.00	
2623.00†	20.344	95.229	2562.89	-68.22	-150.36	367.48	3236752.34	1254815.28	40.0297572	-104.6545378	0.00	
2723.00†	20.344	95.229	2656.65	-63.90	-153.53	402.10	3236786.99	1254812.44	40.0297485	-104.6544142	0.00	
2823.00†	20.344	95.229	2750.41	-59.58	-156.70	436.72	3236821.63	1254809.60	40.0297398	-104.6542905	0.00	
2923.00†	20.344	95.229	2844.18	-55.27	-159.87	471.34	3236856.28	1254806.77	40.0297311	-104.6541669	0.00	
3023.00†	20.344	95.229	2937.94	-50.95	-163.04	505.96	3236890.93	1254803.93	40.0297224	-104.6540433	0.00	
3123.00†	20.344	95.229	3031.70	-46.64	-166.21	540.58	3236925.58	1254801.09	40.0297137	-104.6539196	0.00	
3223.00†	20.344	95.229	3125.46	-42.32	-169.38	575.20	3236960.23	1254798.25	40.0297050	-104.6537960	0.00	
3323.00†	20.344	95.229	3219.22	-38.00	-172.55	609.83	3236994.88	1254795.41	40.0296963	-104.6536724	0.00	
3423.00†	20.344	95.229	3312.99	-33.69	-175.71	644.45	3237029.53	1254792.57	40.0296876	-104.6535488	0.00	
3523.00†	20.344	95.229	3406.75	-29.37	-178.88	679.07	3237064.18	1254789.73	40.0296789	-104.6534251	0.00	
3623.00†	20.344	95.229	3500.51	-25.06	-182.05	713.69	3237098.82	1254786.89	40.0296702	-104.6533015	0.00	
3723.00†	20.344	95.229	3594.27	-20.74	-185.22	748.31	3237133.47	1254784.06	40.0296615	-104.6531779	0.00	
3823.00†	20.344	95.229	3688.03	-16.42	-188.39	782.93	3237168.12	1254781.22	40.0296528	-104.6530542	0.00	
3923.00†	20.344	95.229	3781.80	-12.11	-191.56	817.55	3237202.77	1254778.38	40.0296441	-104.6529306	0.00	
4023.00†	20.344	95.229	3875.56	-7.79	-194.73	852.17	3237237.42	1254775.54	40.0296354	-104.6528070	0.00	
4123.00†	20.344	95.229	3969.32	-3.47	-197.89	886.80	3237272.07	1254772.70	40.0296267	-104.6526834	0.00	
4223.00†	20.344	95.229	4063.08	0.84	-201.06	921.42	3237306.72	1254769.86	40.0296180	-104.6525597	0.00	
4323.00†	20.344	95.229	4156.85	5.16	-204.23	956.04	3237341.36	1254767.02	40.0296093	-104.6524361	0.00	
4423.00†	20.344	95.229	4250.61	9.47	-207.40	990.66	3237376.01	1254764.18	40.0296006	-104.6523125	0.00	
4523.00†	20.344	95.229	4344.37	13.79	-210.57	1025.28	3237410.66	1254761.35	40.0295919	-104.6521888	0.00	
4623.00†	20.344	95.229	4438.13	18.11	-213.74	1059.90	3237445.31	1254758.51	40.0295832	-104.6520652	0.00	
4723.00†	20.344	95.229	4531.89	22.42	-216.91	1094.52	3237479.96	1254755.67	40.0295745	-104.6519416	0.00	
4823.00†	20.344	95.229	4625.66	26.74	-220.07	1129.15	3237514.61	1254752.83	40.0295658	-104.6518180	0.00	
4923.00†	20.344	95.229	4719.42	31.05	-223.24	1163.77	3237549.26	1254749.99	40.0295571	-104.6516943	0.00	
5023.00†	20.344	95.229	4813.18	35.37	-226.41	1198.39	3237583.90	1254747.15	40.0295484	-104.6515707	0.00	
5123.00†	20.344	95.229	4906.94	39.69	-229.58	1233.01	3237618.55	1254744.31	40.0295397	-104.6514471	0.00	
5223.00†	20.344	95.229	5000.70	44.00	-232.75	1267.63	3237653.20	1254741.47	40.0295310	-104.6513234	0.00	
5323.00†	20.344	95.229	5094.47	48.32	-235.92	1302.25	3237687.85	1254738.64	40.0295223	-104.6511998	0.00	
5423.00†	20.344	95.229	5188.23	52.63	-239.09	1336.87	3237722.50	1254735.80	40.0295136	-104.6510762	0.00	



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Field	WELD COUNTY (NAD83, TRUE NORTH)	API/Legal	
Facility	SEC.22-T01N-R65W	Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)		

## WELLPATH DATA (185 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
5523.00†	20.344	95.229	5281.99	56.95	-242.25	1371.50	3237757.15	1254732.96	40.0295049	-104.6509526	0.00	
5623.00†	20.344	95.229	5375.75	61.27	-245.42	1406.12	3237791.80	1254730.12	40.0294962	-104.6508289	0.00	
5723.00†	20.344	95.229	5469.51	65.58	-248.59	1440.74	3237826.45	1254727.28	40.0294875	-104.6507053	0.00	
5823.00†	20.344	95.229	5563.28	69.90	-251.76	1475.36	3237861.09	1254724.44	40.0294788	-104.6505817	0.00	
5923.00†	20.344	95.229	5657.04	74.21	-254.93	1509.98	3237895.74	1254721.60	40.0294701	-104.6504580	0.00	
6023.00†	20.344	95.229	5750.80	78.53	-258.10	1544.60	3237930.39	1254718.76	40.0294614	-104.6503344	0.00	
6123.00†	20.344	95.229	5844.56	82.85	-261.27	1579.22	3237965.04	1254715.93	40.0294527	-104.6502108	0.00	
6223.00†	20.344	95.229	5938.32	87.16	-264.43	1613.84	3237999.69	1254713.09	40.0294440	-104.6500872	0.00	
6323.00†	20.344	95.229	6032.09	91.48	-267.60	1648.47	3238034.34	1254710.25	40.0294353	-104.6499635	0.00	
6423.00†	20.344	95.229	6125.85	95.79	-270.77	1683.09	3238068.99	1254707.41	40.0294266	-104.6498399	0.00	
6523.00†	20.344	95.229	6219.61	100.11	-273.94	1717.71	3238103.63	1254704.57	40.0294178	-104.6497163	0.00	
6623.00†	20.344	95.229	6313.37	104.43	-277.11	1752.33	3238138.28	1254701.73	40.0294091	-104.6495926	0.00	
6723.00†	20.344	95.229	6407.13	108.74	-280.28	1786.95	3238172.93	1254698.89	40.0294004	-104.6494690	0.00	
6823.00†	20.344	95.229	6500.90	113.06	-283.45	1821.57	3238207.58	1254696.05	40.0293917	-104.6493454	0.00	
6923.00†	20.344	95.229	6594.66	117.37	-286.61	1856.19	3238242.23	1254693.21	40.0293830	-104.6492218	0.00	
7023.00†	20.344	95.229	6688.42	121.69	-289.78	1890.82	3238276.88	1254690.38	40.0293743	-104.6490981	0.00	
7050.13	20.344	95.229	6713.86	122.86	-290.64	1900.21	3238286.28	1254689.61	40.0293720	-104.6490646	0.00	KOP
7123.00†	21.009	74.577	6782.13	130.53	-288.32	1925.45	3238311.49	1254692.17	40.0293783	-104.6489745	10.00	
7223.00†	25.390	51.530	6874.21	155.57	-270.17	1959.60	3238345.47	1254710.64	40.0294282	-104.6488525	10.00	
7323.00†	32.238	36.275	6961.89	196.68	-235.24	1992.25	3238377.79	1254745.88	40.0295240	-104.6487359	10.00	
7423.00†	40.308	26.231	7042.52	252.61	-184.60	2022.40	3238407.45	1254796.81	40.0296630	-104.6486282	10.00	
7523.00†	48.994	19.149	7113.63	321.65	-119.77	2049.14	3238433.58	1254861.88	40.0298410	-104.6485327	10.00	
7623.00†	58.010	13.754	7173.08	401.72	-42.74	2071.66	3238455.36	1254939.12	40.0300524	-104.6484523	10.00	
7723.00†	67.213	9.339	7219.05	490.37	44.16	2089.27	3238472.14	1255026.18	40.0302910	-104.6483894	10.00	
7823.00†	76.523	5.491	7250.15	584.92	138.28	2101.43	3238483.40	1255120.41	40.0305494	-104.6483459	10.00	
7923.00†	85.886	1.933	7265.43	682.49	236.77	2107.78	3238488.82	1255218.96	40.0308197	-104.6483232	10.00	
7966.87	90.000	0.410	7267.00 <sup>1</sup>	725.48	280.59	2108.68	3238489.29	1255262.78	40.0309400	-104.6483200	10.00	LANDING
8023.00†	90.000	0.410	7267.00	780.40	336.73	2109.08	3238489.16	1255318.91	40.0310941	-104.6483185	0.00	
8123.00†	90.000	0.410	7267.00	878.23	436.72	2109.80	3238488.93	1255418.91	40.0313686	-104.6483160	0.00	
8223.00†	90.000	0.410	7267.00	976.07	536.72	2110.51	3238488.69	1255518.90	40.0316431	-104.6483134	0.00	



# Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	CONFLUENCE RESOURCES	Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)	API/Legal	
Facility	SEC.22-T01N-R65W	Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)		

WELLPATH DATA (185 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
8323.00†	90.000	0.410	7267.00	1073.90	636.72	2111.23	3238488.45	1255618.90	40.0319176	-104.6483108	0.00	
8423.00†	90.000	0.410	7267.00	1171.73	736.72	2111.95	3238488.22	1255718.89	40.0321921	-104.6483082	0.00	
8523.00†	90.000	0.410	7267.00	1269.56	836.71	2112.66	3238487.98	1255818.89	40.0324666	-104.6483056	0.00	
8623.00†	90.000	0.410	7267.00	1367.40	936.71	2113.38	3238487.75	1255918.89	40.0327411	-104.6483030	0.00	
8723.00†	90.000	0.410	7267.00	1465.23	1036.71	2114.09	3238487.51	1256018.88	40.0330156	-104.6483004	0.00	
8823.00†	90.000	0.410	7267.00	1563.06	1136.70	2114.81	3238487.28	1256118.88	40.0332901	-104.6482978	0.00	
8923.00†	90.000	0.410	7267.00	1660.89	1236.70	2115.53	3238487.04	1256218.87	40.0335646	-104.6482953	0.00	
9023.00†	90.000	0.410	7267.00	1758.73	1336.70	2116.24	3238486.80	1256318.87	40.0338391	-104.6482927	0.00	
9123.00†	90.000	0.410	7267.00	1856.56	1436.70	2116.96	3238486.57	1256418.87	40.0341136	-104.6482901	0.00	
9223.00†	90.000	0.410	7267.00	1954.39	1536.69	2117.67	3238486.33	1256518.86	40.0343881	-104.6482875	0.00	
9323.00†	90.000	0.410	7267.00	2052.23	1636.69	2118.39	3238486.10	1256618.86	40.0346626	-104.6482849	0.00	
9423.00†	90.000	0.410	7267.00	2150.06	1736.69	2119.11	3238485.86	1256718.85	40.0349371	-104.6482823	0.00	
9523.00†	90.000	0.410	7267.00	2247.89	1836.69	2119.82	3238485.62	1256818.85	40.0352116	-104.6482797	0.00	
9623.00†	90.000	0.410	7267.00	2345.72	1936.68	2120.54	3238485.39	1256918.85	40.0354861	-104.6482771	0.00	
9723.00†	90.000	0.410	7267.00	2443.56	2036.68	2121.26	3238485.15	1257018.84	40.0357606	-104.6482746	0.00	
9823.00†	90.000	0.410	7267.00	2541.39	2136.68	2121.97	3238484.92	1257118.84	40.0360351	-104.6482720	0.00	
9923.00†	90.000	0.410	7267.00	2639.22	2236.68	2122.69	3238484.68	1257218.83	40.0363096	-104.6482694	0.00	
10023.00†	90.000	0.410	7267.00	2737.05	2336.67	2123.40	3238484.45	1257318.83	40.0365841	-104.6482668	0.00	
10123.00†	90.000	0.410	7267.00	2834.89	2436.67	2124.12	3238484.21	1257418.83	40.0368586	-104.6482642	0.00	
10223.00†	90.000	0.410	7267.00	2932.72	2536.67	2124.84	3238483.97	1257518.82	40.0371331	-104.6482616	0.00	
10323.00†	90.000	0.410	7267.00	3030.55	2636.67	2125.55	3238483.74	1257618.82	40.0374076	-104.6482590	0.00	
10423.00†	90.000	0.410	7267.00	3128.39	2736.66	2126.27	3238483.50	1257718.81	40.0376821	-104.6482564	0.00	
10523.00†	90.000	0.410	7267.00	3226.22	2836.66	2126.98	3238483.27	1257818.81	40.0379566	-104.6482538	0.00	
10623.00†	90.000	0.410	7267.00	3324.05	2936.66	2127.70	3238483.03	1257918.81	40.0382311	-104.6482513	0.00	
10723.00†	90.000	0.410	7267.00	3421.88	3036.66	2128.42	3238482.79	1258018.80	40.0385056	-104.6482487	0.00	
10823.00†	90.000	0.410	7267.00	3519.72	3136.65	2129.13	3238482.56	1258118.80	40.0387801	-104.6482461	0.00	
10923.00†	90.000	0.410	7267.00	3617.55	3236.65	2129.85	3238482.32	1258218.79	40.0390546	-104.6482435	0.00	
11023.00†	90.000	0.410	7267.00	3715.38	3336.65	2130.57	3238482.09	1258318.79	40.0393291	-104.6482409	0.00	
11123.00†	90.000	0.410	7267.00	3813.22	3436.65	2131.28	3238481.85	1258418.78	40.0396036	-104.6482383	0.00	
11223.00†	90.000	0.410	7267.00	3911.05	3536.64	2132.00	3238481.62	1258518.78	40.0398781	-104.6482357	0.00	



# Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION				
Operator	CONFLUENCE RESOURCES		Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)		API/Legal	
Facility	SEC.22-T01N-R65W		Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)			

WELLPATH DATA (185 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
11323.00†	90.000	0.410	7267.00	4008.88	3636.64	2132.71	3238481.38	1258618.78	40.0401526	-104.6482331	0.00	
11423.00†	90.000	0.410	7267.00	4106.71	3736.64	2133.43	3238481.14	1258718.77	40.0404271	-104.6482306	0.00	
11523.00†	90.000	0.410	7267.00	4204.55	3836.64	2134.15	3238480.91	1258818.77	40.0407016	-104.6482280	0.00	
11623.00†	90.000	0.410	7267.00	4302.38	3936.63	2134.86	3238480.67	1258918.76	40.0409761	-104.6482254	0.00	
11723.00†	90.000	0.410	7267.00	4400.21	4036.63	2135.58	3238480.44	1259018.76	40.0412506	-104.6482228	0.00	
11823.00†	90.000	0.410	7267.00	4498.04	4136.63	2136.29	3238480.20	1259118.76	40.0415251	-104.6482202	0.00	
11923.00†	90.000	0.410	7267.00	4595.88	4236.63	2137.01	3238479.97	1259218.75	40.0417996	-104.6482176	0.00	
12023.00†	90.000	0.410	7267.00	4693.71	4336.62	2137.73	3238479.73	1259318.75	40.0420741	-104.6482150	0.00	
12123.00†	90.000	0.410	7267.00	4791.54	4436.62	2138.44	3238479.49	1259418.74	40.0423486	-104.6482124	0.00	
12223.00†	90.000	0.410	7267.00	4889.38	4536.62	2139.16	3238479.26	1259518.74	40.0426231	-104.6482098	0.00	
12323.00†	90.000	0.410	7267.00	4987.21	4636.62	2139.88	3238479.02	1259618.74	40.0428976	-104.6482073	0.00	
12423.00†	90.000	0.410	7267.00	5085.04	4736.61	2140.59	3238478.79	1259718.73	40.0431721	-104.6482047	0.00	
12523.00†	90.000	0.410	7267.00	5182.87	4836.61	2141.31	3238478.55	1259818.73	40.0434466	-104.6482021	0.00	
12623.00†	90.000	0.410	7267.00	5280.71	4936.61	2142.02	3238478.31	1259918.72	40.0437211	-104.6481995	0.00	
12723.00†	90.000	0.410	7267.00	5378.54	5036.60	2142.74	3238478.08	1260018.72	40.0439956	-104.6481969	0.00	
12823.00†	90.000	0.410	7267.00	5476.37	5136.60	2143.46	3238477.84	1260118.72	40.0442701	-104.6481943	0.00	
12923.00†	90.000	0.410	7267.00	5574.20	5236.60	2144.17	3238477.61	1260218.71	40.0445446	-104.6481917	0.00	
13023.00†	90.000	0.410	7267.00	5672.04	5336.60	2144.89	3238477.37	1260318.71	40.0448191	-104.6481891	0.00	
13123.00†	90.000	0.410	7267.00	5769.87	5436.59	2145.60	3238477.14	1260418.70	40.0450936	-104.6481866	0.00	
13223.00†	90.000	0.410	7267.00	5867.70	5536.59	2146.32	3238476.90	1260518.70	40.0453681	-104.6481840	0.00	
13323.00†	90.000	0.410	7267.00	5965.54	5636.59	2147.04	3238476.66	1260618.70	40.0456426	-104.6481814	0.00	
13423.00†	90.000	0.410	7267.00	6063.37	5736.59	2147.75	3238476.43	1260718.69	40.0459171	-104.6481788	0.00	
13523.00†	90.000	0.410	7267.00	6161.20	5836.58	2148.47	3238476.19	1260818.69	40.0461916	-104.6481762	0.00	
13623.00†	90.000	0.410	7267.00	6259.03	5936.58	2149.19	3238475.96	1260918.68	40.0464661	-104.6481736	0.00	
13723.00†	90.000	0.410	7267.00	6356.87	6036.58	2149.90	3238475.72	1261018.68	40.0467406	-104.6481710	0.00	
13823.00†	90.000	0.410	7267.00	6454.70	6136.58	2150.62	3238475.49	1261118.68	40.0470151	-104.6481684	0.00	
13923.00†	90.000	0.410	7267.00	6552.53	6236.57	2151.33	3238475.25	1261218.67	40.0472896	-104.6481658	0.00	
14023.00†	90.000	0.410	7267.00	6650.36	6336.57	2152.05	3238475.01	1261318.67	40.0475641	-104.6481633	0.00	
14123.00†	90.000	0.410	7267.00	6748.20	6436.57	2152.77	3238474.78	1261418.66	40.0478386	-104.6481607	0.00	
14223.00†	90.000	0.410	7267.00	6846.03	6536.57	2153.48	3238474.54	1261518.66	40.0481131	-104.6481581	0.00	



# Planned Wellpath Report

CANAL 22-4-2L PWP Rev-A.0

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REFERENCE WELLPATH IDENTIFICATION				
Operator	CONFLUENCE RESOURCES		Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)		API/Legal	
Facility	SEC.22-T01N-R65W		Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)			

## WELLPATH DATA (185 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
14323.00†	90.000	0.410	7267.00	6943.86	6636.56	2154.20	3238474.31	1261618.66	40.0483876	-104.6481555	0.00	
14423.00†	90.000	0.410	7267.00	7041.70	6736.56	2154.91	3238474.07	1261718.65	40.0486621	-104.6481529	0.00	
14523.00†	90.000	0.410	7267.00	7139.53	6836.56	2155.63	3238473.83	1261818.65	40.0489366	-104.6481503	0.00	
14623.00†	90.000	0.410	7267.00	7237.36	6936.56	2156.35	3238473.60	1261918.64	40.0492111	-104.6481477	0.00	
14723.00†	90.000	0.410	7267.00	7335.19	7036.55	2157.06	3238473.36	1262018.64	40.0494856	-104.6481451	0.00	
14823.00†	90.000	0.410	7267.00	7433.03	7136.55	2157.78	3238473.13	1262118.63	40.0497601	-104.6481425	0.00	
14923.00†	90.000	0.410	7267.00	7530.86	7236.55	2158.50	3238472.89	1262218.63	40.0500346	-104.6481399	0.00	
15023.00†	90.000	0.410	7267.00	7628.69	7336.55	2159.21	3238472.66	1262318.63	40.0503091	-104.6481374	0.00	
15123.00†	90.000	0.410	7267.00	7726.52	7436.54	2159.93	3238472.42	1262418.62	40.0505836	-104.6481348	0.00	
15223.00†	90.000	0.410	7267.00	7824.36	7536.54	2160.64	3238472.18	1262518.62	40.0508581	-104.6481322	0.00	
15323.00†	90.000	0.410	7267.00	7922.19	7636.54	2161.36	3238471.95	1262618.61	40.0511326	-104.6481296	0.00	
15423.00†	90.000	0.410	7267.00	8020.02	7736.54	2162.08	3238471.71	1262718.61	40.0514071	-104.6481270	0.00	
15523.00†	90.000	0.410	7267.00	8117.86	7836.53	2162.79	3238471.48	1262818.61	40.0516816	-104.6481244	0.00	
15623.00†	90.000	0.410	7267.00	8215.69	7936.53	2163.51	3238471.24	1262918.60	40.0519561	-104.6481218	0.00	
15723.00†	90.000	0.410	7267.00	8313.52	8036.53	2164.22	3238471.00	1263018.60	40.0522306	-104.6481192	0.00	
15823.00†	90.000	0.410	7267.00	8411.35	8136.53	2164.94	3238470.77	1263118.59	40.0525051	-104.6481166	0.00	
15923.00†	90.000	0.410	7267.00	8509.19	8236.52	2165.66	3238470.53	1263218.59	40.0527796	-104.6481141	0.00	
16023.00†	90.000	0.410	7267.00	8607.02	8336.52	2166.37	3238470.30	1263318.59	40.0530541	-104.6481115	0.00	
16123.00†	90.000	0.410	7267.00	8704.85	8436.52	2167.09	3238470.06	1263418.58	40.0533286	-104.6481089	0.00	
16223.00†	90.000	0.410	7267.00	8802.68	8536.52	2167.80	3238469.83	1263518.58	40.0536031	-104.6481063	0.00	
16323.00†	90.000	0.410	7267.00	8900.52	8636.51	2168.52	3238469.59	1263618.57	40.0538776	-104.6481037	0.00	
16423.00†	90.000	0.410	7267.00	8998.35	8736.51	2169.24	3238469.35	1263718.57	40.0541521	-104.6481011	0.00	
16523.00†	90.000	0.410	7267.00	9096.18	8836.51	2169.95	3238469.12	1263818.57	40.0544266	-104.6480985	0.00	
16623.00†	90.000	0.410	7267.00	9194.02	8936.50	2170.67	3238468.88	1263918.56	40.0547011	-104.6480959	0.00	
16723.00†	90.000	0.410	7267.00	9291.85	9036.50	2171.39	3238468.65	1264018.56	40.0549756	-104.6480933	0.00	
16823.00†	90.000	0.410	7267.00	9389.68	9136.50	2172.10	3238468.41	1264118.55	40.0552501	-104.6480908	0.00	
16923.00†	90.000	0.410	7267.00	9487.51	9236.50	2172.82	3238468.18	1264218.55	40.0555246	-104.6480882	0.00	
17023.00†	90.000	0.410	7267.00	9585.35	9336.49	2173.53	3238467.94	1264318.55	40.0557991	-104.6480856	0.00	
17123.00†	90.000	0.410	7267.00	9683.18	9436.49	2174.25	3238467.70	1264418.54	40.0560736	-104.6480830	0.00	
17223.00†	90.000	0.410	7267.00	9781.01	9536.49	2174.97	3238467.47	1264518.54	40.0563481	-104.6480804	0.00	





# Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION				
Operator	CONFLUENCE RESOURCES		Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)		API/Legal	
Facility	SEC.22-T01N-R65W		Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)			

WELLPATH DATA (185 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
17323.00†	90.000	0.410	7267.00	9878.84	9636.49	2175.68	3238467.23	1264618.53	40.0566226	-104.6480778	0.00	
17423.00†	90.000	0.410	7267.00	9976.68	9736.48	2176.40	3238467.00	1264718.53	40.0568971	-104.6480752	0.00	
17523.00†	90.000	0.410	7267.00	10074.51	9836.48	2177.11	3238466.76	1264818.53	40.0571716	-104.6480726	0.00	
17623.00†	90.000	0.410	7267.00	10172.34	9936.48	2177.83	3238466.52	1264918.52	40.0574461	-104.6480700	0.00	
17624.43	90.000	0.410	7267.00 <sup>2</sup>	10173.74	9937.91	2177.84	3238466.52	1264919.95	40.0574500	-104.6480700	0.00	TD

HOLE & CASING SECTIONS - Ref Wellbore: CANAL 22-4-2L PWB Ref Wellpath: CANAL 22-4-2L PWP Rev-A.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	1550.00	1527.00	23.00	1542.29	0.00	0.00	-98.51	47.87	

REFERENCE WELLPATH IDENTIFICATION			
Operator	CONFLUENCE RESOURCES	Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)	API/Legal	
Facility	SEC.22-T01N-R65W	Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.15/22-T01N-R65W (SB 460')	N/A	6.50	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	polygon
2D Polygon: dimensions not calculated									
SEC.15-T01N-R65W	N/A	10.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	polygon
2D Polygon: dimensions not calculated									
SEC.22-T01N-R65W	N/A	10.00	0.00	0.00	3236383.46	1254962.14	40.0301700	-104.6558500	polygon
2D Polygon: dimensions not calculated									
2) CANAL 22-4-2L BHL REV-1 (470'FNL & 2120'FEL,SEC.15)	17624.43	7267.00	9937.91	2177.84	3238466.52	1264919.95	40.0574500	-104.6480700	point
1) CANAL 22-4-2L LP REV-1 (470'FSL & 2120'FEL,SEC.22)	7966.87	7267.00	280.59	2108.68	3238489.29	1255262.78	40.0309400	-104.6483200	point

SURVEY PROGRAM - Ref Wellbore: CANAL 22-4-2L PWB Ref Wellpath: CANAL 22-4-2L PWP Rev-A.0				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
23.00	1550.00	BH NaviTrak (2019) (Axial)		CANAL 22-4-2L PWB
1550.00	17624.43	BH AutoTrak Curve/eXpress (2019) (Short spacing)		CANAL 22-4-2L PWB



# Planned Wellpath Report

CANAL 22-4-2L PWP Rev-A.0

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REFERENCE WELLPATH IDENTIFICATION			
Operator	CONFLUENCE RESOURCES	Well	CANAL 22-4-2L
Field	WELD COUNTY (NAD83, TRUE NORTH)	API/Legal	
Facility	SEC.22-T01N-R65W	Wellbore	CANAL 22-4-2L PWB
Slot	SLOT#18 CANAL 22-4-2L (185'FSL & 1046'FWL,SEC.22)		

DESIGN COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
23.00	0.000	170.000	23.00	Tie On
500.00	0.000	170.000	500.00	End of Tangent
1033.33	8.000	170.000	1031.60	End of Build (J)
1133.33	8.000	170.000	1130.63	End of Tangent (J)
2120.58	20.344	95.229	2091.81	Build (XS)
7050.13	20.344	95.229	6713.86	KOP
7966.87	90.000	0.410	7267.00	LANDING
17624.43	90.000	0.410	7267.00	TD