

REFERENCE WELLPATH IDENTIFICATION

Operator	BAYSWATER E&P, LLC	Well	G & D HANKS N-27-28HC
Field	WELD COUNTY (NAD83/TRUE NORTH)	API	05-123-46034
Facility	SEC.27-T07N-R66W	Wellbore	G & D HANKS N-27-28HC AWB
Slot	SLOT#03 G & D HANKS N-27-28HC (1318'FSL & 1574'FEL,SEC.27)		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 6.0
North Reference	True	User	Bloojosf
Scale	0.999970	Report Generated	1/12/2023 at 12:13:15 PM
Convergence at slot	0.48° 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	-30.24	0.00	3205703.41	1441272.30	40°32'32.4096"N	104°45'35.4708"W
Facility Reference Pt			3205703.16	1441302.53	40°32'32.7084"N	104°45'35.4708"W
Field Reference Pt			3174587.00	1430859.71	40°30'51.8900"N	104°52'19.4700"W

WELLPATH DATUM

Calculation method	Minimum curvature	TRUE 38 (4875'GL + 25'KB @ 4900'RKB) (RKB) to Facility Vertical Datum	4900.00ft
Horizontal Reference Pt	Slot	TRUE 38 (4875'GL + 25'KB @ 4900'RKB) (RKB) to Mean Sea Level	4900.00ft
Vertical Reference Pt	TRUE 38 (4875'GL + 25'KB @ 4900'RKB) (RKB)	TRUE 38 (4875'GL + 25'KB @ 4900'RKB) (RKB) to Ground Level at Slot (SLOT#03 G & D HANKS N-27-28HC (1318'FSL & 1574'FEL,SEC.27))	4900.00ft
MD Reference Pt	TRUE 38 (4875'GL + 25'KB @ 4900'RKB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	275.50°

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WELLPATH DATA (196 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	227.350	0.00	0.00	0.00	0.00	40°32'32.4096"N	104°45'35.4708"W	0.00	
25.00	0.000	227.350	25.00	0.00	0.00	0.00	40°32'32.4096"N	104°45'35.4708"W	0.00	
139.00	0.320	227.350	139.00	0.21	-0.22	-0.23	40°32'32.4075"N	104°45'35.4738"W	0.28	
232.00	0.760	66.290	232.00	-0.15	-0.14	0.14	40°32'32.4082"N	104°45'35.4690"W	1.15	
326.00	1.530	79.270	325.98	-1.90	0.34	1.94	40°32'32.4130"N	104°45'35.4456"W	0.86	
419.00	3.070	67.650	418.90	-5.30	1.52	5.47	40°32'32.4246"N	104°45'35.4000"W	1.72	
514.00	5.190	59.160	513.65	-11.01	4.69	11.51	40°32'32.4559"N	104°45'35.3217"W	2.32	
609.00	6.760	56.410	608.13	-18.81	9.99	19.86	40°32'32.5083"N	104°45'35.2136"W	1.68	
703.00	9.120	57.480	701.22	-28.97	17.05	30.75	40°32'32.5781"N	104°45'35.0725"W	2.52	
797.00	11.370	56.540	793.72	-42.05	26.17	44.76	40°32'32.6682"N	104°45'34.8910"W	2.40	
892.00	13.520	56.210	886.48	-57.92	37.51	61.81	40°32'32.7802"N	104°45'34.6703"W	2.26	
987.00	15.150	56.360	978.52	-76.15	50.56	81.37	40°32'32.9092"N	104°45'34.4168"W	1.72	
1081.00	15.270	54.570	1069.23	-95.02	64.54	101.68	40°32'33.0474"N	104°45'34.1537"W	0.52	
1175.00	16.360	56.330	1159.67	-114.64	79.06	122.79	40°32'33.1908"N	104°45'33.8804"W	1.27	
1269.00	17.760	56.700	1249.53	-136.07	94.27	145.79	40°32'33.3411"N	104°45'33.5824"W	1.49	
1363.00	16.830	55.190	1339.28	-157.62	109.91	168.95	40°32'33.4956"N	104°45'33.2825"W	1.10	
1457.00	17.430	56.850	1429.11	-178.99	125.38	191.91	40°32'33.6485"N	104°45'32.9851"W	0.82	
1523.00	17.470	56.430	1492.07	-194.40	136.26	208.44	40°32'33.7560"N	104°45'32.7710"W	0.20	
1596.00	17.900	57.850	1561.62	-211.79	148.29	227.06	40°32'33.8749"N	104°45'32.5297"W	0.83	
1690.00	18.560	69.360	1650.93	-236.67	161.25	253.30	40°32'34.0030"N	104°45'32.1898"W	3.89	
1784.00	18.540	68.980	1740.05	-263.47	171.89	281.25	40°32'34.1081"N	104°45'31.8278"W	0.13	
1879.00	17.630	75.580	1830.37	-290.51	180.89	309.29	40°32'34.1970"N	104°45'31.4647"W	2.36	
1974.00	18.560	79.380	1920.67	-318.56	187.26	338.08	40°32'34.2599"N	104°45'31.0917"W	1.58	
2068.00	18.720	73.990	2009.74	-346.97	194.18	367.29	40°32'34.3283"N	104°45'30.7134"W	1.84	
2163.00	18.410	62.590	2099.83	-373.75	205.29	395.27	40°32'34.4381"N	104°45'30.3510"W	3.83	
2257.00	18.620	63.140	2188.97	-398.89	218.90	421.83	40°32'34.5726"N	104°45'30.0069"W	0.29	
2352.00	18.490	60.240	2279.03	-424.00	233.23	448.44	40°32'34.7142"N	104°45'29.6622"W	0.98	
2540.00	18.540	50.640	2457.34	-469.54	266.99	497.44	40°32'35.0478"N	104°45'29.0275"W	1.62	
2634.00	18.050	53.240	2546.59	-490.90	285.19	520.66	40°32'35.2276"N	104°45'28.7267"W	1.01	
2728.00	18.200	55.290	2635.93	-512.89	302.26	544.40	40°32'35.3963"N	104°45'28.4193"W	0.70	
2823.00	18.490	59.290	2726.10	-536.38	318.40	569.55	40°32'35.5558"N	104°45'28.0935"W	1.36	
2918.00	18.530	56.240	2816.19	-560.22	334.49	595.05	40°32'35.7147"N	104°45'27.7632"W	1.02	
3012.00	18.290	51.550	2905.38	-582.40	351.96	619.02	40°32'35.8874"N	104°45'27.4527"W	1.60	
3107.00	18.530	45.250	2995.53	-602.79	371.86	641.42	40°32'36.0840"N	104°45'27.1626"W	2.11	
3202.00	17.680	49.760	3085.83	-622.51	391.81	663.15	40°32'36.2811"N	104°45'26.8811"W	1.72	
3296.00	18.340	53.640	3175.23	-643.48	409.79	685.96	40°32'36.4588"N	104°45'26.5857"W	1.46	
3391.00	18.440	53.950	3265.38	-665.86	427.50	710.14	40°32'36.6338"N	104°45'26.2724"W	0.15	
3486.00	18.110	55.350	3355.59	-688.39	444.73	734.44	40°32'36.8041"N	104°45'25.9577"W	0.58	
3580.00	18.280	61.070	3444.89	-711.71	460.17	759.36	40°32'36.9566"N	104°45'25.6349"W	1.91	
3674.00	18.270	63.610	3534.15	-736.38	473.85	785.46	40°32'37.0918"N	104°45'25.2968"W	0.85	
3769.00	18.320	65.410	3624.35	-761.94	486.69	812.38	40°32'37.2186"N	104°45'24.9481"W	0.60	
3863.00	18.360	65.720	3713.58	-787.57	498.92	839.30	40°32'37.3395"N	104°45'24.5993"W	0.11	
3958.00	17.810	64.770	3803.88	-813.05	511.27	866.08	40°32'37.4615"N	104°45'24.2524"W	0.66	
4052.00	18.490	61.510	3893.21	-837.76	524.50	892.19	40°32'37.5923"N	104°45'23.9143"W	1.30	
4147.00	19.110	49.010	3983.18	-860.97	541.90	917.18	40°32'37.7641"N	104°45'23.5906"W	4.28	

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Slot	SLOT#03 G & D HANKS N-27-28HC (1318'FSL & 1574'FEL,SEC.27)		

WELLPATH DATA (196 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4241.00	18.220	40.860	4072.25	-880.07	563.11	938.41	40°32'37.9737"N	104°45'23.3156"W	2.93	
4336.00	18.280	39.880	4162.47	-897.07	585.77	957.68	40°32'38.1977"N	104°45'23.0660"W	0.33	
4431.00	18.070	41.750	4252.73	-914.19	608.20	977.04	40°32'38.4193"N	104°45'22.8151"W	0.65	
4525.00	17.600	52.260	4342.24	-933.17	627.78	998.00	40°32'38.6127"N	104°45'22.5437"W	3.46	
4620.00	18.170	55.630	4432.65	-955.00	644.93	1021.58	40°32'38.7822"N	104°45'22.2382"W	1.24	
4714.00	18.170	56.370	4521.96	-977.62	661.32	1045.88	40°32'38.9442"N	104°45'21.9235"W	0.25	
4809.00	18.160	58.360	4612.23	-1000.91	677.29	1070.82	40°32'39.1020"N	104°45'21.6004"W	0.65	
4904.00	18.030	63.910	4702.53	-1025.23	691.53	1096.63	40°32'39.2426"N	104°45'21.2661"W	1.82	
4998.00	18.200	65.990	4791.88	-1050.40	703.90	1123.10	40°32'39.3648"N	104°45'20.9232"W	0.71	
5093.00	18.040	66.860	4882.17	-1076.22	715.72	1150.18	40°32'39.4816"N	104°45'20.5724"W	0.33	
5188.00	18.200	70.510	4972.46	-1102.58	726.45	1177.70	40°32'39.5876"N	104°45'20.2160"W	1.21	
5283.00	18.320	69.680	5062.67	-1129.46	736.58	1205.68	40°32'39.6878"N	104°45'19.8535"W	0.30	
5378.00	18.240	60.700	5152.90	-1155.11	749.04	1232.65	40°32'39.8109"N	104°45'19.5041"W	2.96	
5472.00	18.080	54.470	5242.22	-1178.20	764.72	1257.36	40°32'39.9658"N	104°45'19.1842"W	2.07	
5567.00	17.650	59.380	5332.65	-1200.95	780.62	1281.75	40°32'40.1229"N	104°45'18.8682"W	1.65	
5662.00	18.120	64.600	5423.06	-1225.26	794.30	1307.49	40°32'40.2580"N	104°45'18.5348"W	1.76	
5756.00	18.030	58.830	5512.43	-1249.47	808.10	1333.14	40°32'40.3944"N	104°45'18.2025"W	1.91	
5851.00	18.020	59.420	5602.77	-1273.14	823.18	1358.37	40°32'40.5434"N	104°45'17.8756"W	0.19	
5946.00	18.080	61.190	5693.09	-1297.19	837.76	1383.94	40°32'40.6875"N	104°45'17.5445"W	0.58	
6040.00	18.060	62.140	5782.46	-1321.41	851.60	1409.60	40°32'40.8242"N	104°45'17.2120"W	0.31	
6135.00	17.810	67.490	5872.85	-1346.54	864.05	1436.04	40°32'40.9472"N	104°45'16.8695"W	1.75	
6229.00	18.000	67.560	5962.29	-1372.06	875.09	1462.75	40°32'41.0563"N	104°45'16.5236"W	0.20	
6324.00	17.910	67.150	6052.67	-1397.88	886.37	1489.78	40°32'41.1677"N	104°45'16.1735"W	0.16	
6419.00	18.030	67.750	6143.03	-1423.74	897.61	1516.84	40°32'41.2787"N	104°45'15.8229"W	0.23	
6514.00	18.030	61.500	6233.38	-1448.94	910.19	1543.37	40°32'41.4031"N	104°45'15.4792"W	2.04	
6609.00	18.030	61.500	6323.71	-1473.32	924.22	1569.22	40°32'41.5417"N	104°45'15.1445"W	0.00	
6703.00	17.920	62.050	6413.12	-1497.44	937.94	1594.77	40°32'41.6772"N	104°45'14.8134"W	0.22	
6798.00	18.210	62.540	6503.44	-1522.09	951.64	1620.86	40°32'41.8126"N	104°45'14.4755"W	0.34	
6893.00	18.120	55.690	6593.72	-1545.90	966.81	1646.23	40°32'41.9625"N	104°45'14.1468"W	2.25	
6987.00	11.110	32.510	6684.69	-1561.27	982.72	1663.21	40°32'42.1197"N	104°45'13.9269"W	9.58	
7082.00	5.040	12.960	6778.72	-1565.97	994.52	1669.07	40°32'42.2362"N	104°45'13.8510"W	6.92	
7177.00	6.280	271.270	6873.44	-1561.32	998.71	1664.80	40°32'42.2777"N	104°45'13.9062"W	9.27	
7271.00	14.810	280.950	6965.77	-1544.20	1001.11	1647.84	40°32'42.3014"N	104°45'14.1260"W	9.24	
7366.00	25.200	270.310	7054.95	-1511.88	1003.53	1615.59	40°32'42.3254"N	104°45'14.5437"W	11.55	
7460.00	32.350	264.120	7137.30	-1467.22	1001.06	1570.50	40°32'42.3010"N	104°45'15.1278"W	8.23	
7555.00	42.850	265.680	7212.47	-1410.32	996.01	1512.84	40°32'42.2511"N	104°45'15.8747"W	11.10	
7649.00	50.020	270.710	7277.23	-1342.82	994.04	1444.84	40°32'42.2317"N	104°45'16.7555"W	8.55	
7743.00	61.350	271.700	7330.14	-1265.52	995.72	1367.35	40°32'42.2483"N	104°45'17.7592"W	12.08	
7837.00	71.760	270.130	7367.49	-1179.69	997.05	1281.24	40°32'42.2615"N	104°45'18.8746"W	11.18	
7932.00	81.140	268.660	7389.72	-1087.96	996.05	1189.00	40°32'42.2517"N	104°45'20.0695"W	9.99	
8026.00	90.310	269.720	7396.72	-994.89	994.73	1095.37	40°32'42.2387"N	104°45'21.2823"W	9.82	
8121.00	88.950	269.490	7397.34	-900.40	994.08	1000.38	40°32'42.2322"N	104°45'22.5127"W	1.45	
8215.00	91.690	271.960	7396.81	-806.75	995.26	906.40	40°32'42.2440"N	104°45'23.7300"W	3.92	
8310.00	90.830	278.400	7394.72	-711.82	1003.84	811.86	40°32'42.3288"N	104°45'24.9546"W	6.84	
8404.00	90.490	279.840	7393.64	-618.02	1018.73	719.06	40°32'42.4760"N	104°45'26.1567"W	1.57	

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8499.00	91.720	269.860	7391.80	-523.16	1026.76	624.54	40°32'42.5553"N	104°45'27.3810"W	10.58	
8594.00	89.320	264.920	7390.94	-429.15	1022.43	529.68	40°32'42.5126"N	104°45'28.6098"W	5.78	
8688.00	91.390	264.150	7390.35	-336.88	1013.48	436.11	40°32'42.4241"N	104°45'29.8217"W	2.35	
8783.00	91.750	269.760	7387.75	-243.01	1008.44	341.32	40°32'42.3743"N	104°45'31.0496"W	5.92	
8878.00	87.820	267.800	7388.11	-148.69	1006.41	246.37	40°32'42.3544"N	104°45'32.2796"W	4.62	
8972.00	87.910	266.450	7391.61	-55.76	1001.70	152.55	40°32'42.3078"N	104°45'33.4948"W	1.44	
9067.00	87.810	265.360	7395.16	37.85	994.92	57.86	40°32'42.2408"N	104°45'34.7213"W	1.15	
9162.00	89.850	265.610	7397.10	131.37	987.45	-36.82	40°32'42.1670"N	104°45'35.9477"W	2.16	
9257.00	89.690	265.900	7397.48	225.00	980.42	-131.56	40°32'42.0975"N	104°45'37.1749"W	0.35	
9351.00	90.830	266.630	7397.05	317.78	974.29	-225.35	40°32'42.0370"N	104°45'38.3899"W	1.44	
9446.00	91.380	267.360	7395.22	411.71	969.31	-320.21	40°32'41.9877"N	104°45'39.6185"W	0.96	
9540.00	91.320	268.920	7393.00	504.91	966.26	-414.13	40°32'41.9576"N	104°45'40.8351"W	1.66	
9635.00	91.380	269.880	7390.76	599.34	965.27	-509.09	40°32'41.9477"N	104°45'42.0652"W	1.01	
9729.00	91.350	270.610	7388.53	692.92	965.67	-603.07	40°32'41.9517"N	104°45'43.2824"W	0.78	
9824.00	91.480	271.380	7386.18	787.60	967.32	-698.02	40°32'41.9680"N	104°45'44.5124"W	0.82	
9919.00	91.380	272.990	7383.81	882.40	970.94	-792.92	40°32'42.0037"N	104°45'45.7417"W	1.70	
10013.00	91.380	272.910	7381.55	976.28	975.78	-886.77	40°32'42.0515"N	104°45'46.9573"W	0.09	
10108.00	91.720	272.440	7378.98	1071.13	980.21	-981.63	40°32'42.0952"N	104°45'48.1860"W	0.61	
10202.00	91.080	271.550	7376.68	1164.93	983.48	-1075.54	40°32'42.1275"N	104°45'49.4025"W	1.17	
10297.00	91.230	269.800	7374.76	1259.57	984.60	-1170.51	40°32'42.1385"N	104°45'50.6327"W	1.85	
10392.00	90.090	271.140	7373.67	1354.19	985.38	-1265.50	40°32'42.1462"N	104°45'51.8631"W	1.85	
10487.00	90.000	272.450	7373.59	1448.99	988.35	-1360.45	40°32'42.1755"N	104°45'53.0930"W	1.38	
10581.00	90.150	272.010	7373.47	1542.83	992.01	-1454.38	40°32'42.2116"N	104°45'54.3097"W	0.49	
10676.00	90.090	270.490	7373.27	1637.57	994.08	-1549.35	40°32'42.2320"N	104°45'55.5399"W	1.60	
10770.00	90.150	267.490	7373.08	1730.95	992.43	-1643.33	40°32'42.2156"N	104°45'56.7572"W	3.19	
10865.00	90.180	267.570	7372.80	1825.03	988.33	-1738.24	40°32'42.1751"N	104°45'57.9866"W	0.09	
10960.00	90.060	267.830	7372.60	1919.15	984.52	-1833.16	40°32'42.1374"N	104°45'59.2161"W	0.30	
11054.00	90.180	268.380	7372.41	2012.37	981.41	-1927.11	40°32'42.1066"N	104°46'0.4331"W	0.60	
11149.00	90.060	268.480	7372.21	2106.65	978.81	-2022.08	40°32'42.0808"N	104°46'1.6632"W	0.16	
11244.00	89.420	266.850	7372.64	2200.75	974.94	-2116.99	40°32'42.0425"N	104°46'2.8926"W	1.84	
11339.00	90.000	267.220	7373.12	2294.72	970.02	-2211.86	40°32'41.9938"N	104°46'4.1215"W	0.72	
11433.00	88.150	265.190	7374.64	2387.46	963.81	-2305.64	40°32'41.9323"N	104°46'5.3362"W	2.92	
11528.00	90.770	262.500	7375.53	2480.48	953.62	-2400.07	40°32'41.8315"N	104°46'6.5593"W	3.95	
11622.00	91.820	268.000	7373.41	2572.92	945.84	-2493.68	40°32'41.7546"N	104°46'7.7719"W	5.96	
11717.00	91.820	269.620	7370.39	2667.22	943.87	-2588.61	40°32'41.7350"N	104°46'9.0016"W	1.70	
11811.00	90.310	270.140	7368.64	2760.75	943.67	-2682.59	40°32'41.7330"N	104°46'10.2189"W	1.70	
11906.00	90.430	270.670	7368.03	2855.37	944.34	-2777.59	40°32'41.7395"N	104°46'11.4494"W	0.57	
11999.00	90.370	272.770	7367.38	2948.16	947.14	-2870.54	40°32'41.7670"N	104°46'12.6534"W	2.26	
12093.00	89.970	275.260	7367.10	3042.12	953.72	-2964.30	40°32'41.8319"N	104°46'13.8679"W	2.68	
12188.00	89.880	275.040	7367.22	3137.11	962.24	-3058.92	40°32'41.9160"N	104°46'15.0935"W	0.25	
12282.00	89.750	274.270	7367.53	3231.10	969.87	-3152.60	40°32'41.9913"N	104°46'16.3071"W	0.83	
12377.00	89.570	271.190	7368.09	3325.98	974.40	-3247.48	40°32'42.0359"N	104°46'17.5361"W	3.25	
12472.00	89.690	268.270	7368.71	3420.48	973.95	-3342.47	40°32'42.0313"N	104°46'18.7665"W	3.08	
12567.00	89.690	268.650	7369.22	3514.77	971.40	-3437.43	40°32'42.0060"N	104°46'19.9966"W	0.40	
12661.00	89.660	271.170	7369.75	3608.31	971.25	-3531.42	40°32'42.0044"N	104°46'21.2140"W	2.68	

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G & D HANKS N-27-28HC AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	BAYSWATER E&P, LLC	Well	G & D HANKS N-27-28HC
Field	WELD COUNTY (NAD83/TRUE NORTH)	API	05-123-46034
Facility	SEC.27-T07N-R66W	Wellbore	G & D HANKS N-27-28HC AWB
Slot	SLOT#03 G & D HANKS N-27-28HC (1318'FSL & 1574'FEL,SEC.27)		

WELLPATH DATA (196 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
12756.00	89.600	269.650	7370.37	3702.93	971.93	-3626.42	40°32'42.0110"N	104°46'22.4445"W	1.60	
12851.00	89.690	266.260	7370.95	3797.09	968.54	-3721.34	40°32'41.9773"N	104°46'23.6741"W	3.57	
12946.00	89.750	265.670	7371.42	3890.77	961.85	-3816.10	40°32'41.9111"N	104°46'24.9015"W	0.62	
13041.00	89.780	265.240	7371.81	3984.32	954.33	-3910.80	40°32'41.8366"N	104°46'26.1282"W	0.45	
13135.00	89.540	262.740	7372.37	4076.41	944.49	-4004.28	40°32'41.7392"N	104°46'27.3390"W	2.67	
13229.00	89.910	264.010	7372.82	4168.31	933.64	-4097.65	40°32'41.6319"N	104°46'28.5484"W	1.41	
13324.00	89.940	267.160	7372.94	4261.88	926.33	-4192.35	40°32'41.5595"N	104°46'29.7751"W	3.32	
13419.00	89.850	268.410	7373.12	4356.02	922.66	-4287.28	40°32'41.5230"N	104°46'31.0047"W	1.32	
13513.00	89.910	269.760	7373.31	4449.43	921.16	-4381.27	40°32'41.5081"N	104°46'32.2221"W	1.44	
13608.00	89.850	269.700	7373.51	4543.94	920.71	-4476.27	40°32'41.5035"N	104°46'33.4526"W	0.09	
13702.00	89.850	270.330	7373.76	4637.51	920.73	-4570.26	40°32'41.5035"N	104°46'34.6702"W	0.67	
13797.00	89.820	270.970	7374.03	4732.17	921.81	-4665.26	40°32'41.5140"N	104°46'35.9007"W	0.67	
13891.00	89.780	271.770	7374.36	4825.92	924.06	-4759.23	40°32'41.5360"N	104°46'37.1179"W	0.85	
13985.00	89.720	271.960	7374.77	4919.73	927.12	-4853.18	40°32'41.5661"N	104°46'38.3349"W	0.21	
14079.00	89.720	272.370	7375.23	5013.57	930.67	-4947.11	40°32'41.6010"N	104°46'39.5516"W	0.44	
14174.00	89.170	268.970	7376.15	5108.22	931.78	-5042.08	40°32'41.6118"N	104°46'40.7818"W	3.63	
14268.00	88.340	265.520	7378.19	5201.20	927.26	-5135.94	40°32'41.5670"N	104°46'41.9975"W	3.77	
14363.00	90.920	269.250	7378.81	5295.23	922.93	-5230.81	40°32'41.5239"N	104°46'43.2264"W	4.77	
14457.00	90.800	268.890	7377.40	5388.62	921.40	-5324.79	40°32'41.5087"N	104°46'44.4437"W	0.40	
14553.00	91.010	270.190	7375.88	5484.09	920.63	-5420.77	40°32'41.5009"N	104°46'45.6870"W	1.37	
14648.00	91.110	269.450	7374.12	5578.60	920.34	-5515.76	40°32'41.4977"N	104°46'46.9173"W	0.79	
14743.00	91.140	271.620	7372.26	5673.22	921.22	-5610.73	40°32'41.5062"N	104°46'48.1475"W	2.28	
14837.00	90.180	271.520	7371.17	5766.99	923.80	-5704.68	40°32'41.5315"N	104°46'49.3646"W	1.03	
14931.00	89.970	271.340	7371.05	5860.76	926.14	-5798.66	40°32'41.5544"N	104°46'50.5818"W	0.29	
15025.00	89.850	270.060	7371.20	5954.42	927.29	-5892.65	40°32'41.5656"N	104°46'51.7993"W	1.37	
15120.00	89.750	268.650	7371.53	6048.87	926.22	-5987.64	40°32'41.5548"N	104°46'53.0297"W	1.49	
15214.00	89.720	267.930	7371.96	6142.13	923.42	-6081.59	40°32'41.5268"N	104°46'54.2467"W	0.77	
15309.00	90.120	268.050	7372.10	6236.31	920.09	-6176.54	40°32'41.4937"N	104°46'55.4765"W	0.44	
15403.00	89.110	266.500	7372.73	6329.34	915.62	-6270.42	40°32'41.4493"N	104°46'56.6927"W	1.97	
15497.00	88.370	265.440	7374.80	6422.02	909.01	-6364.17	40°32'41.3838"N	104°46'57.9069"W	1.38	
15592.00	88.890	266.420	7377.07	6515.66	902.27	-6458.90	40°32'41.3169"N	104°46'59.1340"W	1.17	
15687.00	89.660	267.420	7378.27	6609.59	897.17	-6553.75	40°32'41.2663"N	104°47'0.3626"W	1.33	
15782.00	89.750	268.300	7378.76	6703.74	893.62	-6648.68	40°32'41.2310"N	104°47'1.5922"W	0.93	
15877.00	89.750	269.290	7379.17	6798.09	891.62	-6743.66	40°32'41.2110"N	104°47'2.8225"W	1.04	
15971.00	89.660	271.400	7379.66	6891.70	892.19	-6837.65	40°32'41.2163"N	104°47'4.0400"W	2.25	
16066.00	90.310	271.510	7379.68	6986.47	894.60	-6932.62	40°32'41.2399"N	104°47'5.2701"W	0.69	
16160.00	90.180	272.170	7379.28	7080.27	897.62	-7026.57	40°32'41.2694"N	104°47'6.4871"W	0.72	
16255.00	90.310	272.470	7378.87	7175.12	901.47	-7121.49	40°32'41.3072"N	104°47'7.7166"W	0.34	
16350.00	90.400	272.190	7378.29	7269.98	905.33	-7216.41	40°32'41.3451"N	104°47'8.9462"W	0.31	
16444.00	89.750	269.850	7378.16	7363.68	907.00	-7310.39	40°32'41.3613"N	104°47'10.1635"W	2.58	
16539.00	89.880	264.920	7378.47	7457.70	902.67	-7405.26	40°32'41.3182"N	104°47'11.3923"W	5.19	
16634.00	90.030	260.100	7378.54	7550.24	890.29	-7499.42	40°32'41.1956"N	104°47'12.6120"W	5.08	
16729.00	90.150	263.300	7378.39	7642.48	876.58	-7593.41	40°32'41.0598"N	104°47'13.8294"W	3.37	
16823.00	90.710	266.560	7377.69	7734.87	868.27	-7687.03	40°32'40.9775"N	104°47'15.0420"W	3.52	
16918.00	90.580	270.530	7376.62	7829.15	865.86	-7781.97	40°32'40.9533"N	104°47'16.2718"W	4.18	

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SEC.28-T07N-R66W	9998.00	-89.99	-0.28	3205703.88	1441182.31	40°32'31.5204"N	104°45'35.4744"W	polygon
	2D Polygon: dimensions not calculated							

WELLPATH COMPOSITION - Ref Wellbore: G & D HANKS N-27-28HC AWB Ref Wellpath: G & D HANKS N-27-28HC AWP								
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment			Wellbore		Survey Date
25.00	1523.00	BHI NaviTrak (Rotating+Axial Corr)	BHI NAVITRAK (ROTATING+AXIAL CORR) <139-1523>			G & D HANKS N-27-28HC AWB		
1523.00	18335.00	BH AutoTrak Curve (Short)	BHI AUTOTRAK CURVE (SHORT) <1596-18310>			G & D HANKS N-27-28HC AWB		



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G & D HANKS N-27-28HC AWP
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REFERENCE WELLPATH IDENTIFICATION			
Operator	BAYSWATER E&P, LLC	Well	G & D HANKS N-27-28HC
Field	WELD COUNTY (NAD83/TRUE NORTH)	API	05-123-46034
Facility	SEC.27-T07N-R66W	Wellbore	G & D HANKS N-27-28HC AWB
Slot	SLOT#03 G & D HANKS N-27-28HC (1318'FSL & 1574'FEL,SEC.27)		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
18310.00	90.090	272.670	7381.33	LAST BHGE MWD SURVEY (2300'FSL & 36'FWL, SEC.28)
18335.00	90.090	272.670	7381.29	PROJECTION TO BIT (2301'FSL & 11'FWL, SEC.28)