

BAYSWATER E&P, LLC

Location: COLORADO Slot: SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)
Field: WELD COUNTY (NAD83/TRUE NORTH) Well: LEFFLER G-26-28HN
Facility: SEC.26-T07N-R66W Wellbore: LEFFLER G-26-28HN AWB

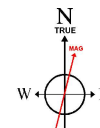
Location Information

Facility Name		Grid East (US R)	Grid North (US R)	Latitude	Longitude	
SEC.26-T07N-R66W		3208187.941	1445113.084	40°33'10.196"N	104°45'02.889"W	
Slot	Local N (R)	Local E (R)	Grid East (US R)	Grid North (US R)	Latitude	Longitude
SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)	-49.54	-715.29	3207473.114	1445087.307	40°33'09.666"N	104°45'12.136"W
TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB) to Ground level (At Slot: SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26))						4923R
Mean Sea Level to Ground level (At Slot: SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26))						0R
TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB) to Mean Sea Level						4923R



Targets						
Name	MD (ft)	TVD (ft)	Local N (R)	Local E (R)	Grid East (US R)	Grid North (US R)
LEFFLER 26 A PAD SEC.26-T07N-R66W	0.00	30.24	-0.56	3207472.30	1445087.74	40°33'09.666"N
LEFFLER 26 A PAD SEC.27-T07N-R66W	0.00	30.24	-0.56	3207472.30	1445087.74	40°33'09.666"N
LEFFLER 26 A PAD SEC.28-T07N-R66W	0.00	30.24	-0.56	3207472.30	1445087.74	40°33'09.666"N
LEFFLER G-26-28HN BHE PLAT (1480'FNL & 5'FWL,SEC.28)	7243.00	-1315.00	-10948.93	3196536.98	1443850.42	40°32'56.648"N
LEFFLER G-26-28HN WAYPOINT #3 REV-1	7248.00	-1261.60	-3847.93	3203536.07	1443762.66	40°32'57.196"N
LEFFLER G-26-28HN WAYPOINT #4 REV-1	7248.00	-1302.52	-5297.84	3198187.06	1443676.80	40°32'56.778"N
LEFFLER G-26-28HN WAYPOINT #2 REV-1	7273.00	-1247.71	-2097.91	3205385.85	1443792.21	40°32'57.333"N
LEFFLER G-26-28HN LP PLAT (1480'FNL & 5'FWL,SEC.27) REV-2	7283.00	-1233.63	-247.91	3207255.61	1443821.87	40°32'57.476"N
LEFFLER G-26-28HN WAYPOINT #1 REV-1	7283.00	-1243.38	-1547.94	3205935.75	1443801.18	40°32'57.379"N

Plot reference wellpath is LEFFLER G-26-28HN AWP	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
True vertical depths are referenced to TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB)	North Reference: True north
Measured depths are referenced to TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB)	Scale: True distance
TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB) to Mean Sea Level: 4923 feet	Depths are in feet
Mean Sea Level to Ground level (At Slot: SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)): 0 feet	Created by: manajohn on 2019-09-17
Coordinates are in feet referenced to Slot	Database: WA DENVER



BGGM (1900.0 to 2020.0) Dip: 66.89° Field: 52284.8 nT
Magnetic North is 8.19 degrees East of True North (at 6/6/2019)

To correct azimuth from Magnetic to True add 8.19 degrees

EXTRAPOLATED TO TD (1415'FNL & 14'FWL,SEC.28) : 90.28° Inc, 18467.00ft MD, 7246.87ft TVD, 11010.13ft VS
LAST BHGE MWD SURVEY (1417'FNL & 39'FWL,SEC.28) : 90.28° Inc, 18442.00ft MD, 7246.99ft TVD, 10985.47ft VS

Vertical Section (ft)

Azimuth 263.15° with reference 0.00 N, 0.00 E

Scale 1 inch = 1500

REFERENCE WELLPATH IDENTIFICATION

Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL, SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWP
Facility	SEC.26-T07N-R66W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.1
North Reference	True	User	Manajohj
Scale	0.999971	Report Generated	9/17/2019 at 10:06:41 AM
Convergence at slot	0.48° East	Database/Source file	WA DENVER/LEFFLER_G-26-28HN_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-49.54	-715.29	3207473.11	1445057.51	40°33'09.666"N	104°45'12.136"W
Facility Reference Pt			3208187.94	1445113.08	40°33'10.156"N	104°45'02.869"W
Field Reference Pt			3174587.00	1430859.71	40°30'51.890"N	104°52'19.470"W

WELLPATH DATUM

Calculation method	Minimum curvature	TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB) to Facility Vertical Datum	4923.00ft
Horizontal Reference Pt	Slot	TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB) to Mean Sea Level	4923.00ft
Vertical Reference Pt	TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB)	TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB) to Ground Level at Slot (SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL, SEC.26))	4923.00ft
MD Reference Pt	TRUE 38 (4898.0'GL+25'KB@4923.0'RKB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	263.15°

REFERENCE WELLPATH IDENTIFICATION

Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL, SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWB
Facility	SEC.26-T07N-R66W		

WELLPATH DATA (198 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Toolface [°]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	109.030	0.00	-4923.00	0.00	0.00	0.00	40°33'09.666"N	104°45'12.136"W	0.00	0.00	0.00	0.00	KB
25.00	0.000	109.030	25.00	-4898.00	0.00	0.00	0.00	40°33'09.666"N	104°45'12.136"W	0.00	109.03	0.00	0.00	GL
231.00	0.870	109.030	230.99	-4692.01	-1.41	-0.51	1.48	40°33'09.661"N	104°45'12.116"W	0.42	-169.89	0.42	52.93	FIRST BHGE MWD SURVEY
325.00	0.390	96.090	324.99	-4598.01	-2.36	-0.78	2.47	40°33'09.658"N	104°45'12.104"W	0.53	69.40	-0.51	-13.77	
514.00	1.280	148.920	513.97	-4409.03	-3.85	-2.65	4.20	40°33'09.640"N	104°45'12.081"W	0.58	19.20	0.47	27.95	
609.00	1.710	153.870	608.93	-4314.07	-4.76	-4.83	5.37	40°33'09.618"N	104°45'12.066"W	0.47	31.71	0.45	5.21	
703.00	3.590	171.090	702.83	-4220.17	-5.33	-9.00	6.45	40°33'09.577"N	104°45'12.052"W	2.15	-1.80	2.00	18.32	
798.00	5.660	170.430	797.52	-4125.48	-5.66	-16.56	7.69	40°33'09.502"N	104°45'12.036"W	2.18	2.44	2.18	-0.69	
893.00	7.920	171.130	891.84	-4031.16	-6.11	-27.65	9.47	40°33'09.393"N	104°45'12.013"W	2.38	-19.13	2.38	0.74	
987.00	10.160	166.780	984.67	-3938.33	-7.26	-42.12	12.37	40°33'09.250"N	104°45'11.975"W	2.49	-2.09	2.38	-4.63	
1082.00	11.410	166.550	1077.99	-3845.01	-9.27	-59.42	16.47	40°33'09.079"N	104°45'11.922"W	1.32	-4.83	1.32	-0.24	
1177.00	13.100	165.920	1170.82	-3752.18	-11.70	-79.00	21.28	40°33'08.885"N	104°45'11.860"W	1.78	-8.06	1.78	-0.66	
1271.00	14.920	164.920	1262.02	-3660.98	-14.78	-101.02	27.02	40°33'08.668"N	104°45'11.786"W	1.95	-171.54	1.94	-1.06	
1365.00	14.040	164.380	1353.04	-3569.96	-18.25	-123.68	33.24	40°33'08.444"N	104°45'11.705"W	0.95	-30.29	-0.94	-0.57	
1460.00	14.850	162.550	1445.03	-3477.97	-22.25	-146.40	39.99	40°33'08.219"N	104°45'11.618"W	0.98	64.30	0.85	-1.93	
1504.00	15.000	163.730	1487.55	-3435.45	-24.22	-157.24	43.27	40°33'08.112"N	104°45'11.575"W	0.77	11.31	0.34	2.68	
1560.00†	15.156	163.849	1541.62	-3381.38	-26.59	-171.23	47.34	40°33'07.974"N	104°45'11.522"W	0.28	11.19	0.28	0.21	9 5/8" SURFACE CASING (INTERPOLATED)
1594.00	15.250	163.920	1574.43	-3348.57	-28.02	-179.79	49.82	40°33'07.889"N	104°45'11.490"W	0.28	154.31	0.28	0.21	
1688.00	15.040	164.310	1665.17	-3257.83	-31.88	-203.41	56.54	40°33'07.656"N	104°45'11.403"W	0.25	25.91	-0.22	0.41	
1783.00	15.590	165.300	1756.79	-3166.21	-35.52	-227.63	63.11	40°33'07.417"N	104°45'11.318"W	0.64	-157.62	0.58	1.04	
1878.00	15.190	164.670	1848.39	-3074.61	-39.10	-251.98	69.64	40°33'07.176"N	104°45'11.233"W	0.46	5.61	-0.42	-0.66	
1972.00	16.650	165.170	1938.78	-2984.22	-42.78	-276.88	76.34	40°33'06.930"N	104°45'11.147"W	1.56	130.65	1.55	0.53	
2067.00	16.040	167.810	2029.94	-2893.06	-45.89	-302.86	82.60	40°33'06.673"N	104°45'11.066"W	1.01	-126.39	-0.64	2.78	
2162.00	14.900	161.300	2121.50	-2801.50	-49.63	-327.26	89.29	40°33'06.432"N	104°45'10.979"W	2.18	53.44	-1.20	-6.85	
2256.00	16.290	167.550	2212.05	-2710.95	-53.39	-351.59	96.00	40°33'06.192"N	104°45'10.892"W	2.32	-168.40	1.48	6.65	
2350.00	15.170	166.670	2302.52	-2620.48	-56.07	-376.43	101.68	40°33'05.946"N	104°45'10.818"W	1.22	-85.14	-1.19	-0.94	
2443.00	15.190	165.840	2392.28	-2530.72	-58.99	-400.08	107.47	40°33'05.713"N	104°45'10.743"W	0.23	122.61	0.02	-0.89	
2538.00	14.660	169.270	2484.08	-2438.92	-61.39	-423.96	112.75	40°33'05.477"N	104°45'10.675"W	1.08	-77.00	-0.56	3.61	
2633.00	15.080	163.490	2575.90	-2347.10	-64.28	-447.62	118.50	40°33'05.243"N	104°45'10.600"W	1.62	89.35	0.44	-6.08	
2728.00	15.140	168.080	2667.62	-2255.38	-67.45	-471.61	124.58	40°33'05.006"N	104°45'10.522"W	1.26	-112.68	0.06	4.83	
2822.00	14.620	162.520	2758.47	-2164.53	-70.72	-494.94	130.68	40°33'04.775"N	104°45'10.443"W	1.62	16.28	-0.55	-5.91	
2916.00	15.900	163.880	2849.16	-2073.84	-74.99	-518.63	137.81	40°33'04.541"N	104°45'10.350"W	1.41	-156.10	1.36	1.45	
3011.00	15.160	162.620	2940.69	-1982.31	-79.35	-542.98	145.14	40°33'04.301"N	104°45'10.255"W	0.86	100.83	-0.78	-1.33	
3105.00	14.950	168.310	3031.46	-1891.54	-82.62	-566.59	151.27	40°33'04.067"N	104°45'10.176"W	1.59	-66.81	-0.22	6.05	
3200.00	15.400	164.620	3123.15	-1799.85	-85.53	-590.75	157.10	40°33'03.829"N	104°45'10.101"W	1.12	-12.29	0.47	-3.88	
3295.00	15.610	164.450	3214.70	-1708.30	-89.34	-615.23	163.87	40°33'03.587"N	104°45'10.013"W	0.23	172.40	0.22	-0.18	
3390.00	15.470	164.520	3306.22	-1616.78	-93.17	-639.75	170.68	40°33'03.344"N	104°45'09.925"W	0.15	122.33	-0.15	0.07	
3484.00	14.860	168.490	3396.95	-1526.05	-96.03	-663.64	176.43	40°33'03.108"N	104°45'09.850"W	1.28	-42.82	-0.65	4.22	
3579.00	15.490	166.340	3488.64	-1434.36	-98.53	-687.91	181.85	40°33'02.869"N	104°45'09.780"W	0.89	131.58	0.66	-2.26	
3674.00	14.810	169.430	3580.34	-1342.66	-100.82	-712.17	187.08	40°33'02.629"N	104°45'09.712"W	1.11	-96.25	-0.72	3.25	
3768.00	14.720	162.970	3671.24	-1251.76	-103.71	-735.40	192.78	40°33'02.399"N	104°45'09.638"W	1.75	90.38	-0.10	-6.87	
3863.00	14.790	169.080	3763.11	-1159.89	-106.70	-758.85	198.61	40°33'02.168"N	104°45'09.563"W	1.64	-41.85	0.07	6.43	
3957.00	15.510	166.710	3853.85	-1069.15	-108.97	-782.86	203.77	40°33'01.930"N	104°45'09.496"W	1.01	-87.63	0.77	-2.52	
4051.00	15.520	165.930	3944.42	-978.58	-111.96	-807.29	209.72	40°33'01.689"N	104°45'09.419"W	0.22	124.55	0.01	-0.83	
4146.00	15.420	166.480	4035.98	-887.02	-115.02	-831.90	215.76	40°33'01.446"N	104°45'09.341"W	0.19	-90.23	-0.11	0.58	

REFERENCE WELLPATH IDENTIFICATION

Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWB
Facility	SEC.26-T07N-R66W		

WELLPATH DATA (198 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Tooface [°]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
4240.00	15.420	166.000	4126.60	-796.40	-118.03	-856.18	221.71	40°33'01.206"N	104°45'09.264"W	0.14	-177.69	0.00	-0.51	
4335.00	10.160	164.800	4219.21	-703.79	-120.82	-876.53	226.96	40°33'01.005"N	104°45'09.195"W	5.54	4.29	-5.54	-1.26	
4430.00	14.000	165.990	4312.09	-610.91	-123.47	-895.77	231.94	40°33'00.815"N	104°45'09.131"W	4.05	-1.13	4.04	1.25	
4524.00	14.250	165.970	4403.24	-519.76	-126.34	-918.03	237.50	40°33'00.595"N	104°45'09.059"W	0.27	-1.71	0.27	-0.02	
4618.00	16.000	165.780	4493.99	-429.01	-129.44	-941.81	243.49	40°33'00.360"N	104°45'08.981"W	1.86	163.49	1.86	-0.20	
4713.00	15.610	166.210	4585.39	-337.61	-132.67	-966.92	249.75	40°33'00.111"N	104°45'08.900"W	0.43	28.90	-0.41	0.45	
4808.00	16.110	167.200	4676.78	-246.22	-135.58	-992.19	255.72	40°32'59.862"N	104°45'08.823"W	0.60	-87.40	0.53	1.04	
4902.00	16.180	163.800	4767.07	-155.93	-139.06	-1017.48	262.26	40°32'59.612"N	104°45'08.738"W	1.01	126.12	0.07	-3.62	
4997.00	16.040	164.500	4858.34	-64.66	-143.19	-1042.84	269.46	40°32'59.361"N	104°45'08.645"W	0.25	100.64	-0.15	0.74	
5091.00	15.850	169.190	4948.73	25.73	-146.03	-1067.96	275.34	40°32'59.113"N	104°45'08.569"W	1.39	-101.42	-0.20	4.99	
5186.00	15.540	159.600	5040.20	117.20	-149.90	-1092.64	282.21	40°32'58.869"N	104°45'08.480"W	2.75	5.25	-0.33	-10.09	
5280.00	16.400	159.880	5130.57	207.57	-155.90	-1116.90	291.16	40°32'58.629"N	104°45'08.364"W	0.92	-164.64	0.91	0.30	
5374.00	14.600	157.910	5221.15	298.15	-162.06	-1140.34	300.19	40°32'58.398"N	104°45'08.247"W	1.99	158.30	-1.91	-2.10	
5469.00	12.810	161.160	5313.44	390.44	-167.40	-1161.40	308.09	40°32'58.190"N	104°45'08.145"W	2.05	-177.40	-1.88	3.42	
5564.00	10.290	160.520	5406.51	483.51	-171.44	-1179.37	314.32	40°32'58.012"N	104°45'08.064"W	2.66	-179.24	-2.65	-0.67	
5658.00	8.320	160.340	5499.27	576.27	-174.79	-1193.69	319.41	40°32'57.871"N	104°45'07.998"W	2.10	170.21	-2.10	-0.19	
5753.00	6.340	163.450	5593.49	670.49	-177.20	-1205.20	323.22	40°32'57.757"N	104°45'07.949"W	2.12	176.50	-2.08	3.27	
5847.00	4.230	165.200	5687.09	764.09	-178.55	-1213.52	325.58	40°32'57.675"N	104°45'07.918"W	2.25	-170.23	-2.24	1.86	
5942.00	3.080	161.490	5781.89	858.89	-179.55	-1219.33	327.29	40°32'57.617"N	104°45'07.896"W	1.24	-172.88	-1.21	-3.91	
6036.00	0.810	162.720	5875.85	952.85	-180.33	-1221.09	328.28	40°32'57.600"N	104°45'07.883"W	4.01	-124.56	-2.41	-154.01	
6131.00	0.710	322.130	5970.85	1047.85	-180.29	-1219.98	328.11	40°32'57.611"N	104°45'07.885"W	0.74	-154.16	-0.11	-57.46	
6226.00	0.310	261.500	6065.84	1142.84	-179.73	-1219.56	327.50	40°32'57.615"N	104°45'07.893"W	0.65	74.30	-0.42	-63.82	
6320.00	0.620	307.030	6159.84	1236.84	-179.11	-1219.29	326.84	40°32'57.618"N	104°45'07.902"W	0.49	104.86	0.33	48.44	
6415.00	0.790	2.550	6254.83	1331.83	-178.85	-1218.32	326.46	40°32'57.627"N	104°45'07.907"W	0.71	131.04	0.18	58.44	
6510.00	0.710	10.650	6349.82	1426.82	-179.13	-1217.09	326.60	40°32'57.639"N	104°45'07.905"W	0.14	86.24	-0.08	8.53	
6604.00	1.120	57.650	6443.81	1520.81	-180.14	-1216.03	327.48	40°32'57.650"N	104°45'07.893"W	0.87	-154.34	0.44	50.00	
6699.00	0.860	297.620	6538.81	1615.81	-180.39	-1215.20	327.63	40°32'57.658"N	104°45'07.891"W	1.81	-118.82	-0.27	-126.35	
6793.00	0.760	276.310	6632.80	1709.80	-179.20	-1214.80	326.39	40°32'57.662"N	104°45'07.908"W	0.34	-8.07	-0.11	-22.67	
6888.00	3.250	270.120	6727.73	1804.73	-175.91	-1214.73	323.07	40°32'57.663"N	104°45'07.951"W	2.63	7.80	2.62	-6.52	
6983.00	13.570	276.080	6821.58	1898.58	-162.34	-1213.54	309.25	40°32'57.675"N	104°45'08.130"W	10.89	-8.52	10.86	6.27	
7077.00	22.770	272.550	6910.80	1987.80	-133.58	-1211.56	280.05	40°32'57.694"N	104°45'08.508"W	9.85	-19.58	9.79	-3.76	
7172.00	32.520	266.230	6994.87	2071.87	-89.83	-1212.42	236.09	40°32'57.686"N	104°45'09.077"W	10.70	6.17	10.26	-6.65	
7267.00	39.350	267.390	7071.75	2148.75	-34.23	-1215.48	180.46	40°32'57.655"N	104°45'09.798"W	7.22	-6.83	7.19	1.22	
7361.00	48.990	265.870	7139.10	2216.10	31.07	-1219.40	115.16	40°32'57.617"N	104°45'10.644"W	10.32	-3.68	10.26	-1.62	
7456.00	59.050	265.120	7194.84	2271.84	107.79	-1225.46	38.62	40°32'57.557"N	104°45'11.635"W	10.61	-6.66	10.59	-0.79	
7551.00	67.130	264.100	7237.80	2314.80	192.40	-1233.44	-45.64	40°32'57.478"N	104°45'12.727"W	8.56	21.24	8.51	-1.07	
7645.00	77.160	268.060	7266.59	2343.59	281.62	-1239.46	-134.78	40°32'57.418"N	104°45'13.882"W	11.40	21.59	10.67	4.21	
7740.00	86.270	271.650	7280.27	2357.27	374.86	-1239.66	-228.67	40°32'57.416"N	104°45'15.098"W	10.29	26.85	9.59	3.78	
7835.00	89.690	273.380	7283.62	2360.62	468.52	-1235.49	-323.50	40°32'57.458"N	104°45'16.326"W	4.03	54.57	3.60	1.82	
7929.00	90.430	274.420	7283.52	2360.52	560.87	-1229.10	-417.28	40°32'57.521"N	104°45'17.541"W	1.36	-76.48	0.79	1.11	
8024.00	90.800	272.880	7282.50	2359.50	654.27	-1223.05	-512.08	40°32'57.580"N	104°45'18.769"W	1.67	-93.02	0.39	-1.62	
8119.00	90.580	268.740	7281.36	2358.36	748.40	-1221.71	-607.05	40°32'57.594"N	104°45'19.999"W	4.36	-102.12	-0.23	-4.36	
8214.00	90.090	266.460	7280.80	2357.80	843.10	-1225.69	-701.95	40°32'57.554"N	104°45'21.229"W	2.45	-98.75	-0.52	-2.40	
8309.00	89.970	265.680	7280.75	2357.75	937.98	-1232.20	-796.73	40°32'57.490"N	104°45'22.456"W	0.83	-84.96	-0.13	-0.82	
8403.00	90.030	265.000	7280.75	2357.75	1031.91	-1239.84	-890.42	40°32'57.415"N	104°45'23.670"W	0.73	97.84	0.06	-0.72	

REFERENCE WELLPATH IDENTIFICATION			
Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL, SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWB
Facility	SEC.26-T07N-R66W		

WELLPATH DATA (198 stations)														
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Tooface [°]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8498.00	89.880	266.090	7280.83	2357.83	1126.83	-1247.22	-985.13	40°32'57.342"N	104°45'24.897"W	1.16	75.96	-0.16	1.15	
8593.00	89.940	266.330	7280.98	2357.98	1221.69	-1253.50	-1079.92	40°32'57.280"N	104°45'26.125"W	0.26	-97.77	0.06	0.25	
8688.00	89.910	266.110	7281.10	2358.10	1316.55	-1259.76	-1174.71	40°32'57.218"N	104°45'27.353"W	0.23	-90.00	-0.03	-0.23	
8782.00	89.910	265.750	7281.25	2358.25	1410.44	-1266.43	-1268.48	40°32'57.152"N	104°45'28.567"W	0.38	91.36	0.00	-0.38	
8876.00	89.850	268.290	7281.45	2358.45	1504.22	-1271.32	-1362.34	40°32'57.103"N	104°45'29.783"W	2.70	83.54	-0.06	2.70	
8971.00	90.150	270.940	7281.45	2358.45	1598.61	-1271.95	-1457.33	40°32'57.097"N	104°45'31.014"W	2.81	105.14	0.32	2.79	
9066.00	89.820	272.160	7281.47	2358.47	1692.59	-1269.38	-1552.30	40°32'57.122"N	104°45'32.244"W	1.33	55.26	-0.35	1.28	
9160.00	90.680	273.400	7281.06	2358.06	1785.26	-1264.83	-1646.18	40°32'57.167"N	104°45'33.460"W	1.61	-38.77	0.91	1.32	
9254.00	91.290	272.910	7279.45	2356.45	1877.82	-1259.65	-1740.02	40°32'57.218"N	104°45'34.676"W	0.83	-91.37	0.65	-0.52	
9349.00	91.230	270.450	7277.36	2354.36	1971.74	-1256.87	-1834.95	40°32'57.246"N	104°45'35.906"W	2.59	-88.65	-0.06	-2.59	
9443.00	91.260	269.160	7275.31	2352.31	2065.08	-1257.19	-1928.93	40°32'57.242"N	104°45'37.123"W	1.37	-52.45	0.03	-1.37	
9537.00	91.790	268.470	7272.81	2349.81	2158.59	-1259.13	-2022.87	40°32'57.223"N	104°45'38.340"W	0.93	-144.96	0.56	-0.73	
9631.00	91.020	267.930	7270.51	2347.51	2252.19	-1262.08	-2116.80	40°32'57.194"N	104°45'39.557"W	1.00	93.63	-0.82	-0.57	
9726.00	90.890	269.970	7268.92	2345.92	2346.69	-1263.82	-2211.76	40°32'57.177"N	104°45'40.787"W	2.15	94.63	-0.14	2.15	
9821.00	90.770	271.450	7267.55	2344.55	2440.85	-1262.65	-2306.74	40°32'57.188"N	104°45'42.017"W	1.56	100.12	-0.13	1.56	
9916.00	90.620	272.290	7266.39	2343.39	2534.74	-1259.55	-2401.69	40°32'57.219"N	104°45'43.247"W	0.90	4.76	-0.16	0.88	
10010.00	90.860	272.310	7265.18	2342.18	2627.54	-1255.78	-2495.60	40°32'57.256"N	104°45'44.464"W	0.26	-123.69	0.26	0.02	
10105.00	90.680	272.040	7263.90	2340.90	2721.36	-1252.17	-2590.52	40°32'57.291"N	104°45'45.693"W	0.34	-79.04	-0.19	-0.28	
10199.00	90.860	271.110	7262.64	2339.64	2814.33	-1249.59	-2684.48	40°32'57.317"N	104°45'46.910"W	1.01	108.43	0.19	-0.99	
10293.00	90.710	271.560	7261.35	2338.35	2907.37	-1247.40	-2778.45	40°32'57.338"N	104°45'48.128"W	0.50	72.76	-0.16	0.48	
10388.00	90.800	271.850	7260.10	2337.10	3001.30	-1244.57	-2873.39	40°32'57.366"N	104°45'49.358"W	0.32	90.00	0.09	0.31	
10483.00	90.800	272.490	7258.77	2335.77	3095.12	-1240.97	-2968.32	40°32'57.402"N	104°45'50.587"W	0.67	108.76	0.00	0.67	
10577.00	90.620	273.020	7257.61	2334.61	3187.79	-1236.46	-3062.20	40°32'57.446"N	104°45'51.803"W	0.60	-40.42	-0.19	0.56	
10671.00	90.890	272.790	7256.37	2333.37	3280.43	-1231.69	-3156.07	40°32'57.493"N	104°45'53.019"W	0.38	-102.14	0.29	-0.24	
10766.00	90.580	271.350	7255.15	2332.15	3374.27	-1228.26	-3251.00	40°32'57.527"N	104°45'54.249"W	1.55	-72.34	-0.33	-1.52	
10861.00	90.860	270.470	7253.96	2330.96	3468.39	-1226.75	-3345.98	40°32'57.542"N	104°45'55.480"W	0.97	-70.72	0.29	-0.93	
10955.00	91.290	269.240	7252.20	2329.20	3561.73	-1226.99	-3439.96	40°32'57.539"N	104°45'56.697"W	1.39	-117.99	0.46	-1.31	
11049.00	89.200	265.310	7251.79	2328.79	3655.46	-1231.46	-3533.83	40°32'57.495"N	104°45'57.913"W	4.74	-42.10	-2.22	-4.18	
11144.00	90.340	264.280	7252.17	2329.17	3750.42	-1240.08	-3628.43	40°32'57.410"N	104°45'59.138"W	1.62	97.12	1.20	-1.08	
11239.00	90.280	264.760	7251.66	2328.66	3845.39	-1249.15	-3723.00	40°32'57.320"N	104°46'00.363"W	0.51	50.46	-0.06	0.51	
11334.00	90.800	265.390	7250.77	2327.77	3940.33	-1257.30	-3817.64	40°32'57.239"N	104°46'01.589"W	0.86	-112.58	0.55	0.66	
11428.00	90.280	264.140	7249.88	2326.88	4034.29	-1265.88	-3911.24	40°32'57.154"N	104°46'02.802"W	1.44	107.69	-0.55	-1.33	
11523.00	89.910	265.300	7249.72	2326.72	4129.25	-1274.62	-4005.84	40°32'57.068"N	104°46'04.027"W	1.28	99.85	-0.39	1.22	
11617.00	89.660	266.740	7250.07	2327.07	4223.13	-1281.15	-4099.61	40°32'57.003"N	104°46'05.242"W	1.55	71.15	-0.27	1.53	
11712.00	89.940	267.560	7250.41	2327.41	4317.90	-1285.87	-4194.49	40°32'56.956"N	104°46'06.471"W	0.91	-87.88	0.29	0.86	
11807.00	89.970	266.750	7250.48	2327.48	4412.66	-1290.59	-4289.37	40°32'56.910"N	104°46'07.700"W	0.85	85.31	0.03	-0.85	
11901.00	90.280	270.530	7250.28	2327.28	4506.21	-1292.82	-4383.33	40°32'56.887"N	104°46'08.917"W	4.03	-81.18	0.33	4.02	
11994.00	90.460	269.370	7249.68	2326.68	4598.56	-1292.90	-4476.32	40°32'56.886"N	104°46'10.122"W	1.26	153.44	0.19	-1.25	
12089.00	90.180	269.510	7249.14	2326.14	4692.98	-1293.83	-4571.32	40°32'56.877"N	104°46'11.352"W	0.33	-163.18	-0.29	0.15	
12183.00	89.320	269.250	7249.55	2326.55	4786.43	-1294.84	-4665.31	40°32'56.867"N	104°46'12.570"W	0.96	73.50	-0.91	-0.28	
12278.00	89.720	270.600	7250.35	2327.35	4880.76	-1294.97	-4760.30	40°32'56.865"N	104°46'13.801"W	1.48	107.50	0.42	1.42	
12372.00	89.200	272.250	7251.24	2328.24	4973.77	-1292.63	-4854.27	40°32'56.888"N	104°46'15.018"W	1.84	72.11	-0.55	1.76	
12467.00	89.510	273.210	7252.31	2329.31	5067.44	-1288.11	-4949.15	40°32'56.933"N	104°46'16.247"W	1.06	-9.23	0.33	1.01	
12561.00	91.480	272.890	7251.49	2328.49	5160.03	-1283.10	-5043.01	40°32'56.982"N	104°46'17.463"W	2.12	-111.00	2.10	-0.34	
12655.00	90.550	270.470	7249.83	2326.83	5252.97	-1280.35	-5136.95	40°32'57.009"N	104°46'18.680"W	2.76	-135.00	-0.99	-2.57	

REFERENCE WELLPATH IDENTIFICATION

Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWB
Facility	SEC.26-T07N-R66W		

WELLPATH DATA (198 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Tooface [°]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
12750.00	90.030	269.950	7249.35	2326.35	5347.25	-1280.00	-5231.95	40°32'57.012"N	104°46'19.910"W	0.77	-79.88	-0.55	-0.55	
12844.00	90.180	269.110	7249.18	2326.18	5440.67	-1280.77	-5325.94	40°32'57.005"N	104°46'21.128"W	0.91	-101.07	0.16	-0.89	
12938.00	90.000	268.190	7249.03	2326.03	5534.23	-1282.99	-5419.91	40°32'56.982"N	104°46'22.345"W	1.00	61.88	-0.19	-0.98	
13033.00	90.310	268.770	7248.77	2325.77	5628.82	-1285.51	-5514.88	40°32'56.957"N	104°46'23.575"W	0.69	133.21	0.33	0.61	
13127.00	90.000	269.100	7248.52	2325.52	5722.34	-1287.25	-5608.86	40°32'56.940"N	104°46'24.793"W	0.48	60.02	-0.33	0.35	
13222.00	90.150	269.360	7248.39	2325.39	5816.81	-1288.53	-5703.85	40°32'56.927"N	104°46'26.023"W	0.32	-99.85	0.16	0.27	
13317.00	89.940	268.150	7248.32	2325.32	5911.35	-1290.59	-5798.83	40°32'56.906"N	104°46'27.254"W	1.29	86.74	-0.22	-1.27	
13411.00	90.030	269.730	7248.34	2325.34	6004.87	-1292.33	-5892.81	40°32'56.889"N	104°46'28.471"W	1.68	106.70	0.10	1.68	
13506.00	89.850	270.330	7248.44	2325.44	6099.19	-1292.28	-5987.81	40°32'56.889"N	104°46'29.702"W	0.66	92.42	-0.19	0.63	
13600.00	89.820	271.040	7248.71	2325.71	6192.37	-1291.16	-6081.80	40°32'56.900"N	104°46'30.919"W	0.76	80.30	-0.03	0.76	
13695.00	90.150	272.970	7248.74	2325.74	6286.24	-1287.84	-6176.74	40°32'56.933"N	104°46'32.149"W	2.06	-32.28	0.35	2.03	
13789.00	90.340	272.850	7248.34	2325.34	6378.88	-1283.06	-6270.62	40°32'56.980"N	104°46'33.365"W	0.24	-83.77	0.20	-0.13	
13884.00	90.520	271.200	7247.62	2324.62	6472.73	-1279.71	-6365.55	40°32'57.013"N	104°46'34.595"W	1.75	-114.82	0.19	-1.74	
13979.00	90.150	270.400	7247.07	2324.07	6566.88	-1278.38	-6460.54	40°32'57.025"N	104°46'35.826"W	0.93	-109.59	-0.39	-0.84	
14074.00	89.940	269.810	7246.99	2323.99	6661.19	-1278.21	-6555.54	40°32'57.027"N	104°46'37.056"W	0.66	46.51	-0.22	-0.62	
14169.00	90.310	270.200	7246.78	2323.78	6755.51	-1278.20	-6650.54	40°32'57.027"N	104°46'38.287"W	0.57	-165.96	0.39	0.41	
14264.00	90.150	270.160	7246.40	2323.40	6849.79	-1277.90	-6745.54	40°32'57.029"N	104°46'39.517"W	0.17	-83.44	-0.17	-0.04	
14358.00	90.280	269.030	7246.05	2323.05	6943.20	-1278.56	-6839.53	40°32'57.023"N	104°46'40.735"W	1.21	-97.72	0.14	-1.20	
14453.00	90.120	267.850	7245.72	2322.72	7037.79	-1281.15	-6934.50	40°32'56.997"N	104°46'41.965"W	1.25	-78.34	-0.17	-1.24	
14548.00	90.250	267.220	7245.41	2322.41	7132.51	-1285.24	-7029.41	40°32'56.956"N	104°46'43.195"W	0.68	33.02	0.14	-0.66	
14642.00	90.650	267.480	7244.67	2321.67	7226.25	-1289.58	-7123.30	40°32'56.913"N	104°46'44.411"W	0.51	-122.32	0.43	0.28	
14737.00	90.340	266.990	7243.85	2320.85	7321.01	-1294.17	-7218.19	40°32'56.867"N	104°46'45.640"W	0.61	131.48	-0.33	-0.52	
14832.00	89.350	268.110	7244.11	2321.11	7415.73	-1298.23	-7313.10	40°32'56.827"N	104°46'46.869"W	1.57	92.48	-1.04	1.18	
14927.00	89.290	269.500	7245.24	2322.24	7510.26	-1300.21	-7408.07	40°32'56.807"N	104°46'48.100"W	1.46	50.38	-0.06	1.46	
15021.00	90.060	270.430	7245.77	2322.77	7603.59	-1300.26	-7502.07	40°32'56.806"N	104°46'49.317"W	1.28	-106.09	0.82	0.99	
15116.00	89.910	269.910	7245.80	2322.80	7697.88	-1299.98	-7597.07	40°32'56.809"N	104°46'50.548"W	0.57	-87.88	-0.16	-0.55	
15211.00	89.940	269.100	7245.92	2322.92	7792.29	-1300.80	-7692.06	40°32'56.800"N	104°46'51.779"W	0.85	-93.07	0.03	-0.85	
15306.00	89.910	268.540	7246.04	2323.04	7886.83	-1302.76	-7787.04	40°32'56.781"N	104°46'53.009"W	0.59	-142.82	-0.03	-0.59	
15400.00	88.460	267.440	7247.38	2324.38	7980.48	-1306.06	-7880.97	40°32'56.748"N	104°46'54.226"W	1.94	-60.06	-1.54	-1.17	
15494.00	89.780	265.150	7248.83	2325.83	8074.32	-1312.13	-7974.75	40°32'56.688"N	104°46'55.441"W	2.81	80.08	1.40	-2.44	
15589.00	90.030	266.580	7248.98	2325.98	8169.21	-1318.98	-8069.50	40°32'56.620"N	104°46'56.668"W	1.53	75.34	0.26	1.51	
15683.00	90.370	267.880	7248.65	2325.65	8262.97	-1323.52	-8163.39	40°32'56.574"N	104°46'57.884"W	1.43	88.63	0.36	1.38	
15777.00	90.400	269.140	7248.02	2325.02	8356.55	-1325.97	-8257.36	40°32'56.550"N	104°46'59.101"W	1.34	106.30	0.03	1.34	
15872.00	90.090	270.200	7247.62	2324.62	8450.94	-1326.51	-8352.35	40°32'56.544"N	104°47'00.332"W	1.16	-132.71	-0.33	1.12	
15966.00	89.850	269.940	7247.67	2324.67	8544.25	-1326.40	-8446.35	40°32'56.545"N	104°47'01.550"W	0.38	76.81	-0.26	-0.28	
16061.00	90.150	271.220	7247.67	2324.67	8638.45	-1325.44	-8541.34	40°32'56.554"N	104°47'02.780"W	1.38	92.68	0.32	1.35	
16155.00	90.090	272.500	7247.47	2324.47	8731.37	-1322.39	-8635.29	40°32'56.584"N	104°47'03.997"W	1.36	76.46	-0.06	1.36	
16250.00	90.220	273.040	7247.21	2324.21	8825.03	-1317.79	-8730.18	40°32'56.629"N	104°47'05.226"W	0.58	-50.71	0.14	0.57	
16344.00	90.310	272.930	7246.78	2323.78	8917.65	-1312.90	-8824.05	40°32'56.677"N	104°47'06.442"W	0.15	-162.18	0.10	-0.12	
16439.00	90.030	272.840	7246.50	2323.50	9011.28	-1308.12	-8918.93	40°32'56.724"N	104°47'07.671"W	0.31	86.10	-0.29	-0.09	
16533.00	90.090	273.720	7246.40	2323.40	9103.81	-1302.74	-9012.78	40°32'56.777"N	104°47'08.887"W	0.94	94.95	0.06	0.94	
16628.00	90.000	274.760	7246.32	2323.32	9197.04	-1295.72	-9107.51	40°32'56.846"N	104°47'10.114"W	1.10	-87.85	-0.09	1.09	
16723.00	90.030	273.960	7246.30	2323.30	9290.23	-1288.49	-9202.24	40°32'56.917"N	104°47'11.341"W	0.84	-81.29	0.03	-0.84	
16817.00	90.220	272.720	7246.09	2323.09	9382.74	-1283.02	-9296.08	40°32'56.971"N	104°47'12.557"W	1.33	-91.25	0.20	-1.32	
16911.00	90.180	270.890	7245.76	2322.76	9475.67	-1280.06	-9390.03	40°32'57.000"N	104°47'13.774"W	1.95	-93.72	-0.04	-1.95	

REFERENCE WELLPATH IDENTIFICATION

Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWB
Facility	SEC.26-T07N-R66W		

WELLPATH DATA (198 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Tooface [°]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
17006.00	90.000	268.120	7245.62	2322.62	9570.07	-1280.88	-9485.01	40°32'56.991"N	104°47'15.005"W	2.92	-89.27	-0.19	-2.92	
17101.00	90.030	265.770	7245.59	2322.59	9664.86	-1285.94	-9579.87	40°32'56.941"N	104°47'16.233"W	2.47	96.84	0.03	-2.47	
17195.00	90.000	266.020	7245.57	2322.57	9758.75	-1292.67	-9673.63	40°32'56.874"N	104°47'17.448"W	0.27	82.73	-0.03	0.27	
17289.00	90.060	266.490	7245.52	2322.52	9852.61	-1298.81	-9767.43	40°32'56.813"N	104°47'18.663"W	0.50	143.88	0.06	0.50	
17383.00	89.690	266.760	7245.72	2322.72	9946.44	-1304.34	-9861.27	40°32'56.758"N	104°47'19.878"W	0.49	160.98	-0.39	0.29	
17478.00	89.110	266.960	7246.72	2323.72	10041.24	-1309.55	-9956.12	40°32'56.706"N	104°47'21.107"W	0.65	8.02	-0.61	0.21	
17573.00	89.820	267.060	7247.60	2324.60	10136.02	-1314.50	-10050.98	40°32'56.657"N	104°47'22.336"W	0.75	65.65	0.75	0.11	
17667.00	90.250	268.010	7247.55	2324.55	10229.74	-1318.54	-10144.90	40°32'56.616"N	104°47'23.552"W	1.11	72.09	0.46	1.01	
17762.00	90.770	269.620	7246.70	2323.70	10324.27	-1320.51	-10239.87	40°32'56.597"N	104°47'24.783"W	1.78	-116.46	0.55	1.69	
17857.00	89.660	267.390	7246.34	2323.34	10418.85	-1322.99	-10334.83	40°32'56.572"N	104°47'26.013"W	2.62	87.88	-1.17	-2.35	
17952.00	89.850	272.500	7246.75	2323.75	10513.15	-1323.08	-10429.79	40°32'56.570"N	104°47'27.243"W	5.38	89.44	0.20	5.38	
18046.00	89.910	278.610	7246.95	2323.95	10604.91	-1313.98	-10523.31	40°32'56.660"N	104°47'28.454"W	6.50	91.54	0.06	6.50	
18140.00	89.850	280.850	7247.14	2324.14	10695.00	-1298.10	-10615.95	40°32'56.816"N	104°47'29.655"W	2.38	70.91	-0.06	2.38	
18235.00	90.030	281.370	7247.24	2324.24	10785.37	-1279.79	-10709.17	40°32'56.997"N	104°47'30.862"W	0.58	-89.39	0.19	0.55	
18329.00	90.060	278.570	7247.17	2324.17	10875.34	-1263.52	-10801.74	40°32'57.157"N	104°47'32.062"W	2.98	-89.60	0.03	-2.98	
18424.00	90.090	274.270	7247.05	2324.05	10967.78	-1252.90	-10896.12	40°32'57.262"N	104°47'33.284"W	4.53	-80.02	0.03	-4.53	
18442.00	90.280	273.190	7246.99	2323.99	10985.47	-1251.73	-10914.08	40°32'57.273"N	104°47'33.517"W	6.09	-90.00	1.06	-6.00	LAST BHGE MWD SURVEY (1417'FNL & 39'FWL,SEC.28)
18467.00	90.280	272.065	7246.87	2323.87	11010.13	-1250.58	-10939.06	40°32'57.285"N	104°47'33.840"W	4.50		0.00	-4.50	EXTRAPOLATED TO TD (1415'FNL & 14'FWL,SEC.28)

HOLE & CASING SECTIONS - Ref Wellbore: LEFFLER G-26-28HN AWB Ref Wellpath: LEFFLER G-26-28HN AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
17in Conductor	25.00	105.00	80.00	25.00	105.00	0.00	0.00	-0.08	0.22
13.5in Open Hole	25.00	1560.00	1535.00	25.00	1541.62	0.00	0.00	-171.23	47.34
9.625in Casing Surface	25.00	1560.00	1535.00	25.00	1541.62	0.00	0.00	-171.23	47.34
8.5in Open Hole	1560.00	18467.00	16907.00	1541.62	7246.87	-171.23	47.34	-1250.58	-10939.06

REFERENCE WELLPATH IDENTIFICATION			
Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWB
Facility	SEC.26-T07N-R66W		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
LEFFLER 26 A PAD SEC.26-T07N-R66W	0.00	30.24	-0.56	3207472.30	1445087.74	40°33'09.965"N	104°45'12.143"W	polygon
LEFFLER 26 A PAD SEC.27-T07N-R66W	0.00	30.24	-0.56	3207472.30	1445087.74	40°33'09.965"N	104°45'12.143"W	polygon
LEFFLER 26 A PAD SEC.28-T07N-R66W	0.00	30.24	-0.56	3207472.30	1445087.74	40°33'09.965"N	104°45'12.143"W	polygon
LEFFLER G-26-28HN BHL PLAT (1480'FNL & 5'FWL,SEC.28)	7243.00	-1315.00	-10948.93	3196535.98	1443650.42	40°32'56.648"N	104°47'33.968"W	point
LEFFLER G-26-28HN WAYPOINT #3 REV-1	7248.00	-1261.69	-3947.93	3203536.07	1443762.66	40°32'57.196"N	104°46'03.277"W	point
LEFFLER G-26-28HN WAYPOINT #4 REV-1	7248.00	-1302.52	-9297.64	3198187.06	1443676.80	40°32'56.778"N	104°47'12.577"W	point
LEFFLER G-26-28HN WAYPOINT #2 REV-1	7273.00	-1247.71	-2097.91	3205385.85	1443792.21	40°32'57.336"N	104°45'39.312"W	point
LEFFLER G-26-28HN LP PLAT (1480'FNL & 5'FEL,SEC.27) REV-2	7283.00	-1233.63	-247.91	3207235.61	1443821.87	40°32'57.476"N	104°45'15.347"W	point
LEFFLER G-26-28HN WAYPOINT #1 REV-1	7283.00	-1243.38	-1547.94	3205935.75	1443801.18	40°32'57.379"N	104°45'32.188"W	point

WELLPATH COMPOSITION - Ref Wellbore: LEFFLER G-26-28HN AWB Ref Wellpath: LEFFLER G-26-28HN AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1504.00	BHI NaviTrak (Rotating+Axial Corr) _1	13.5" Surface - BHI NaviTrak (Rotating+Axial Corr) <25'-1560'>	LEFFLER G-26-28HN AWB
1504.00	18442.00	BHI AutoTrak Curve (Short)	8.5" Monobore - BHI AutoTrak Curve (Short) <1594'- 18442'>	LEFFLER G-26-28HN AWB
18442.00	18467.00	Blind Drilling (std)	Projection to bit	LEFFLER G-26-28HN AWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	BAYSWATER E&P, LLC	Slot	SLOT#16 LEFFLER G-26-28HN (250'FNL & 250'FWL,SEC.26)
Area	COLORADO	Well	LEFFLER G-26-28HN
Field	WELD COUNTY (NAD83/TRUE NORTH)	Wellbore	LEFFLER G-26-28HN AWB
Facility	SEC.26-T07N-R66W		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
0.00	0.000	109.030	0.00	KB
25.00	0.000	109.030	25.00	GL
231.00	0.870	109.030	230.99	FIRST BHGE MWD SURVEY
1560.00	15.156	163.849	1541.62	9 5/8" SURFACE CASING (INTERPOLATED)
18442.00	90.280	273.190	7246.99	LAST BHGE MWD SURVEY (1417'FNL & 39'FWL,SEC.28)
18467.00	90.280	272.065	7246.87	EXTRAPOLATED TO TD (1415'FNL & 14'FWL,SEC.28)