

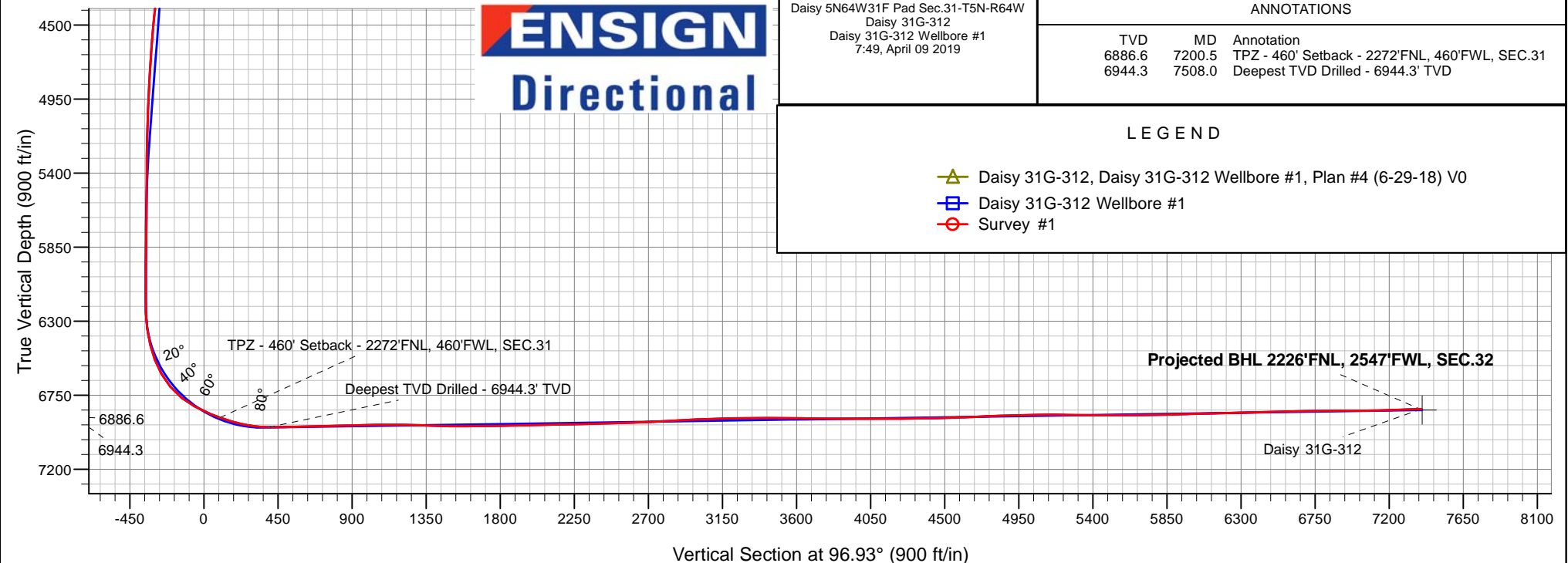
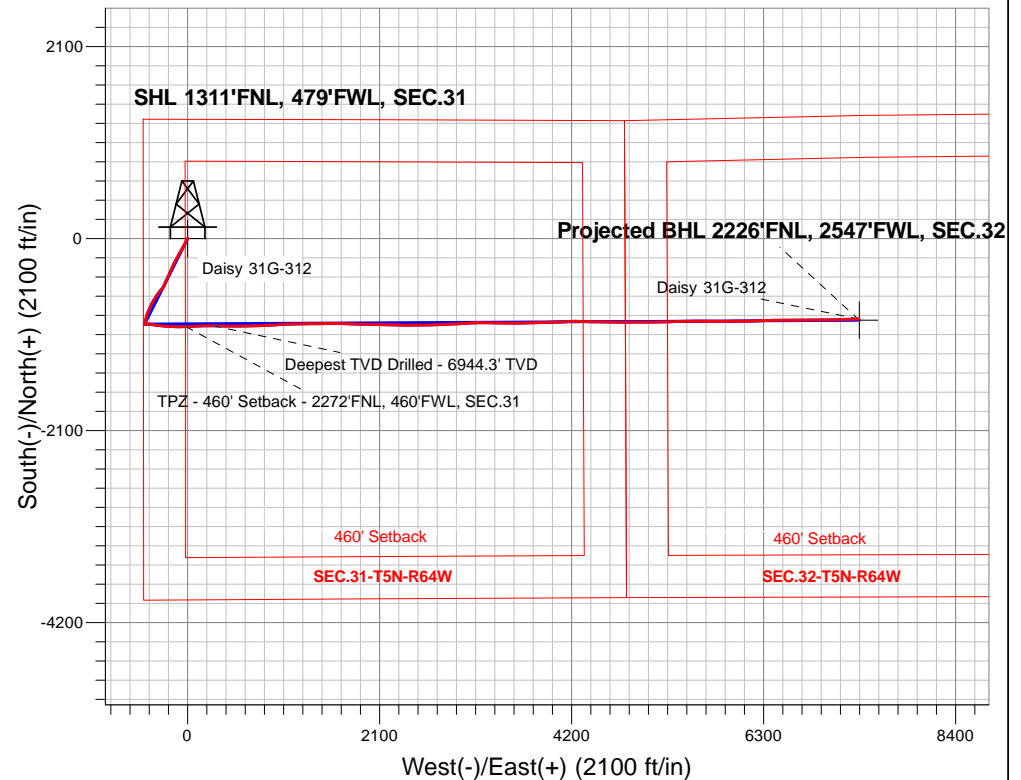
PDC Energy Inc. DJ Basin

Well Name: **Daisy 31G-312**

Surface Location: Daisy 5N64W31F Pad Sec.31-T5N-R64W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4775.0
+N/-S+E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1374988.373250714.44 40.359253 -104.600327
Original Well Elev WELL @ 4798.0ft (Original Well Elev)

FINAL SURVEY

Projected Bottom Hole Location
14,574'MD 6834'TVD 879'S & 7343'E of SHL
92.3 degree Incl @ 88.0 degree AZM





PDC Energy Inc. DJ Basin

SEC.31-T5N-R64W

Daisy 5N64W31F Pad Sec.31-T5N-R64W

Daisy 31G-312

Daisy 31G-312 Wellbore #1

Survey: Survey #1

Standard Survey Report

09 April, 2019

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well Daisy 31G-312
Project:	SEC.31-T5N-R64W	TVD Reference:	WELL @ 4798.0ft (Original Well Elev)
Site:	Daisy 5N64W31F Pad Sec.31-T5N-R64W	MD Reference:	WELL @ 4798.0ft (Original Well Elev)
Well:	Daisy 31G-312	North Reference:	True
Wellbore:	Daisy 31G-312 Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Daisy 31G-312 Wellbore #1	Database:	US_EDM

Project	SEC.31-T5N-R64W, Weld County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	Daisy 5N64W31F Pad Sec.31-T5N-R64W				
Site Position:		Northing:	1,375,063.36 usft	Latitude:	40.359460
From:	Lat/Long	Easting:	3,250,679.51 usft	Longitude:	-104.600450
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.58 °

Well	Daisy 31G-312					
Well Position	+N/-S	0.0 ft	Northing:	1,374,988.37 usft	Latitude:	40.359253
	+E/-W	0.0 ft	Easting:	3,250,714.44 usft	Longitude:	-104.600328
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,775.0 ft

Wellbore	Daisy 31G-312 Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	6/29/2018	8.20	66.87	52,236

Design	Daisy 31G-312 Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	96.93	

Survey Program	Date	4/9/2019			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
154.0	14,574.0	Survey #1 (Daisy 31G-312 Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
1.0	0.00	293.70	1.0	0.0	0.0	0.0	0.19	0.19	0.00	
SHL 1311'FNL, 479'FWL, SEC.31										
154.0	0.30	293.70	154.0	0.2	-0.4	-0.4	0.19	0.19	0.00	
249.0	0.10	326.20	249.0	0.3	-0.6	-0.7	0.23	-0.21	34.21	
345.0	0.30	309.30	345.0	0.6	-0.9	-0.9	0.21	0.21	-17.60	
440.0	1.20	224.90	440.0	0.0	-1.8	-1.8	1.27	0.95	-88.84	
536.0	2.70	211.90	535.9	-2.6	-3.7	-3.3	1.62	1.56	-13.54	
631.0	4.20	204.00	630.8	-7.7	-6.3	-5.3	1.65	1.58	-8.32	
727.0	5.70	207.20	726.4	-15.1	-9.9	-8.0	1.59	1.56	3.33	
822.0	7.40	207.90	820.8	-24.8	-14.9	-11.8	1.79	1.79	0.74	

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Well:	Daisy 31G-312	North Reference:	True
Wellbore:	Daisy 31G-312 Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Daisy 31G-312 Wellbore #1	Database:	US_EDM

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
918.0	9.00	207.20	915.8	-36.9	-21.2	-16.6	1.67	1.67	-0.73
1,013.0	10.50	206.30	1,009.4	-51.3	-28.5	-22.1	1.59	1.58	-0.95
1,109.0	10.60	208.10	1,103.8	-66.9	-36.5	-28.2	0.36	0.10	1.88
1,205.0	11.30	208.10	1,198.0	-83.0	-45.1	-34.8	0.73	0.73	0.00
1,300.0	12.50	209.60	1,291.0	-100.1	-54.6	-42.1	1.30	1.26	1.58
1,396.0	13.30	209.60	1,384.6	-118.8	-65.1	-50.3	0.83	0.83	0.00
1,492.0	14.20	210.00	1,477.8	-138.6	-76.5	-59.2	0.94	0.94	0.42
1,590.0	13.70	208.60	1,572.9	-159.2	-88.0	-68.2	0.62	-0.51	-1.43
1,776.0	11.60	207.20	1,754.4	-195.1	-107.1	-82.8	1.14	-1.13	-0.75
1,871.0	13.00	209.60	1,847.2	-212.9	-116.8	-90.2	1.57	1.47	2.53
1,967.0	12.90	209.10	1,940.8	-231.7	-127.3	-98.5	0.16	-0.10	-0.52
2,062.0	12.60	208.20	2,033.4	-250.1	-137.4	-106.2	0.38	-0.32	-0.95
2,158.0	12.30	206.50	2,127.2	-268.5	-146.9	-113.4	0.49	-0.31	-1.77
2,254.0	12.10	205.60	2,221.0	-286.7	-155.8	-120.1	0.29	-0.21	-0.94
2,349.0	11.80	204.50	2,314.0	-304.5	-164.1	-126.2	0.40	-0.32	-1.16
2,444.0	11.40	203.00	2,407.0	-322.0	-171.8	-131.7	0.53	-0.42	-1.58
2,541.0	11.00	201.90	2,502.2	-339.4	-179.0	-136.8	0.47	-0.41	-1.13
2,636.0	12.00	204.50	2,595.3	-356.8	-186.5	-142.1	1.19	1.05	2.74
2,732.0	12.70	205.10	2,689.0	-375.4	-195.1	-148.4	0.74	0.73	0.63
2,828.0	12.70	205.30	2,782.7	-394.5	-204.1	-155.0	0.05	0.00	0.21
2,923.0	12.60	204.90	2,875.4	-413.4	-212.9	-161.5	0.14	-0.11	-0.42
3,019.0	12.30	205.30	2,969.1	-432.1	-221.7	-168.0	0.33	-0.31	0.42
3,114.0	12.00	203.70	3,062.0	-450.3	-230.0	-174.0	0.47	-0.32	-1.68
3,209.0	11.60	204.50	3,155.0	-468.0	-237.9	-179.7	0.45	-0.42	0.84
3,305.0	11.10	204.00	3,249.1	-485.3	-245.7	-185.4	0.53	-0.52	-0.52
3,400.0	10.60	203.80	3,342.4	-501.6	-252.9	-190.6	0.53	-0.53	-0.21
3,496.0	11.20	202.30	3,436.7	-518.3	-260.0	-195.6	0.69	0.63	-1.56
3,592.0	13.30	218.60	3,530.5	-535.6	-270.5	-203.9	4.19	2.19	16.98
3,687.0	13.10	220.00	3,623.0	-552.4	-284.2	-215.5	0.40	-0.21	1.47
3,783.0	12.80	220.50	3,716.6	-568.8	-298.1	-227.3	0.33	-0.31	0.52
3,878.0	12.80	220.40	3,809.2	-584.8	-311.8	-238.9	0.02	0.00	-0.11
3,974.0	12.60	215.10	3,902.9	-601.5	-324.7	-249.8	1.23	-0.21	-5.52
4,069.0	12.50	213.70	3,995.6	-618.5	-336.3	-259.3	0.34	-0.11	-1.47
4,165.0	12.20	211.40	4,089.4	-635.8	-347.4	-268.2	0.60	-0.31	-2.40
4,260.0	13.60	210.00	4,182.0	-654.0	-358.2	-276.7	1.51	1.47	-1.47
4,356.0	13.20	210.30	4,275.4	-673.3	-369.4	-285.5	0.42	-0.42	0.31
4,452.0	14.40	211.90	4,368.6	-692.9	-381.2	-294.9	1.31	1.25	1.67
4,547.0	13.60	209.60	4,460.8	-712.6	-393.0	-304.1	1.03	-0.84	-2.42
4,642.0	14.50	205.40	4,552.9	-733.1	-403.6	-312.2	1.43	0.95	-4.42
4,738.0	14.20	204.00	4,645.9	-754.7	-413.5	-319.5	0.48	-0.31	-1.46
4,834.0	13.10	204.40	4,739.2	-775.3	-422.8	-326.2	1.15	-1.15	0.42
4,930.0	12.40	202.30	4,832.9	-794.8	-431.2	-332.2	0.87	-0.73	-2.19
5,026.0	11.50	199.30	4,926.8	-813.4	-438.3	-337.0	1.14	-0.94	-3.13

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Well:	Daisy 31G-312	North Reference:	True
Wellbore:	Daisy 31G-312 Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Daisy 31G-312 Wellbore #1	Database:	US_EDM

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,121.0	10.50	198.00	5,020.0	-830.5	-444.1	-340.7	1.08	-1.05	-1.37
5,217.0	10.00	195.90	5,114.5	-846.9	-449.1	-343.7	0.65	-0.52	-2.19
5,312.0	8.80	194.20	5,208.2	-861.8	-453.1	-345.9	1.30	-1.26	-1.79
5,408.0	7.90	190.80	5,303.2	-875.4	-456.2	-347.2	1.07	-0.94	-3.54
5,504.0	7.30	189.60	5,398.4	-887.9	-458.4	-348.0	0.65	-0.63	-1.25
5,599.0	6.40	188.60	5,492.7	-899.1	-460.2	-348.4	0.96	-0.95	-1.05
5,695.0	5.90	189.40	5,588.1	-909.3	-461.8	-348.8	0.53	-0.52	0.83
5,790.0	5.10	192.40	5,682.7	-918.2	-463.5	-349.4	0.89	-0.84	3.16
5,885.0	4.70	208.40	5,777.3	-925.8	-466.3	-351.2	1.49	-0.42	16.84
5,980.0	3.60	207.70	5,872.1	-931.8	-469.5	-353.7	1.16	-1.16	-0.74
6,075.0	1.90	169.60	5,967.0	-936.0	-470.6	-354.3	2.54	-1.79	-40.11
6,170.0	0.90	228.10	6,062.0	-938.1	-470.9	-354.3	1.71	-1.05	61.58
6,266.0	0.50	255.20	6,158.0	-938.7	-471.9	-355.2	0.53	-0.42	28.23
6,361.0	2.80	81.90	6,252.9	-938.5	-470.0	-353.3	3.47	2.42	-182.42
6,457.0	7.80	90.30	6,348.5	-938.2	-461.1	-344.6	5.26	5.21	8.75
6,553.0	13.90	81.90	6,442.7	-936.6	-443.2	-327.0	6.55	6.35	-8.75
6,649.0	21.00	93.10	6,534.3	-935.9	-414.6	-298.6	8.15	7.40	11.67
6,744.0	28.80	99.80	6,620.4	-940.7	-374.9	-258.7	8.72	8.21	7.05
6,839.0	40.60	98.90	6,698.4	-949.4	-321.7	-204.8	12.43	12.42	-0.95
6,935.0	50.50	93.80	6,765.5	-956.7	-253.6	-136.4	10.98	10.31	-5.31
7,030.0	62.30	93.30	6,818.0	-961.6	-174.8	-57.5	12.43	12.42	-0.53
7,125.0	66.50	88.70	6,859.1	-963.0	-89.2	27.6	6.21	4.42	-4.84
7,200.5	70.67	87.75	6,886.6	-960.8	-19.0	97.1	5.64	5.52	-1.26
TPZ - 460' Setback - 2272'FNL, 460'FWL, SEC.31									
7,221.0	71.80	87.50	6,893.2	-960.0	0.4	116.2	5.64	5.52	-1.22
7,316.0	76.40	87.80	6,919.2	-956.3	91.7	206.4	4.85	4.84	0.32
7,412.0	81.40	88.20	6,937.7	-953.0	185.8	299.4	5.22	5.21	0.42
7,484.8	88.45	90.18	6,944.1	-952.0	258.2	371.2	10.06	9.69	2.71
LPL 2240'FNL, 736'FWL, SEC.31									
7,508.0	90.70	90.80	6,944.3	-952.2	281.5	394.3	10.06	9.69	2.69
Deepest TVD Drilled - 6944.3' TVD									
7,632.0	90.90	91.00	6,942.6	-954.1	405.4	517.6	0.23	0.16	0.16
7,728.0	90.80	91.20	6,941.2	-956.0	501.4	613.1	0.23	-0.10	0.21
7,823.0	91.70	89.10	6,939.1	-956.2	596.4	707.4	2.40	0.95	-2.21
7,919.0	91.90	88.50	6,936.1	-954.2	692.3	802.4	0.66	0.21	-0.63
8,014.0	92.10	87.70	6,932.8	-951.1	787.2	896.2	0.87	0.21	-0.84
8,109.0	91.10	87.50	6,930.1	-947.1	882.1	989.9	1.07	-1.05	-0.21
8,204.0	89.70	86.20	6,929.4	-941.9	976.9	1,083.4	2.01	-1.47	-1.37
8,299.0	88.90	87.30	6,930.6	-936.5	1,071.8	1,176.9	1.43	-0.84	1.16
8,396.0	88.80	89.20	6,932.6	-933.5	1,168.7	1,272.8	1.96	-0.10	1.96
8,491.0	88.60	88.90	6,934.7	-931.9	1,263.7	1,366.9	0.38	-0.21	-0.32
8,587.0	88.30	88.70	6,937.3	-929.9	1,359.6	1,461.9	0.38	-0.31	-0.21
8,682.0	90.60	89.80	6,938.2	-928.7	1,454.6	1,556.0	2.68	2.42	1.16
8,777.0	90.10	88.90	6,937.6	-927.6	1,549.6	1,650.2	1.08	-0.53	-0.95

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8,873.0	90.80	91.70	6,936.9	-928.1	1,645.6	1,745.5	3.01	0.73	2.92
8,968.0	91.20	91.90	6,935.2	-931.1	1,740.5	1,840.1	0.47	0.42	0.21
9,064.0	90.80	91.20	6,933.5	-933.7	1,836.4	1,935.7	0.84	-0.42	-0.73
9,160.0	92.10	91.50	6,931.1	-936.0	1,932.4	2,031.2	1.39	1.35	0.31
9,255.0	91.50	91.50	6,928.1	-938.4	2,027.3	2,125.7	0.63	-0.63	0.00
9,350.0	90.90	91.30	6,926.1	-940.8	2,122.3	2,220.2	0.67	-0.63	-0.21
9,446.0	90.70	91.30	6,924.8	-942.9	2,218.2	2,315.8	0.21	-0.21	0.00
9,542.0	92.20	90.30	6,922.4	-944.3	2,314.2	2,411.2	1.88	1.56	-1.04
9,637.0	91.60	90.50	6,919.2	-944.9	2,409.1	2,505.5	0.67	-0.63	0.21
9,733.0	91.60	91.00	6,916.5	-946.2	2,505.1	2,600.9	0.52	0.00	0.52
9,828.0	92.80	88.20	6,912.9	-945.5	2,600.0	2,695.1	3.20	1.26	-2.95
9,924.0	92.60	88.00	6,908.4	-942.4	2,695.8	2,789.8	0.29	-0.21	-0.21
10,020.0	92.90	87.50	6,903.8	-938.6	2,791.7	2,884.5	0.61	0.31	-0.52
10,115.0	93.00	86.90	6,898.9	-934.0	2,886.4	2,978.0	0.64	0.11	-0.63
10,210.0	91.60	86.80	6,895.1	-928.7	2,981.2	3,071.5	1.48	-1.47	-0.11
10,306.0	92.10	86.60	6,892.0	-923.2	3,077.0	3,165.9	0.56	0.52	-0.21
10,402.0	91.40	89.20	6,889.0	-919.7	3,172.9	3,260.6	2.80	-0.73	2.71
10,498.0	89.30	91.00	6,888.5	-919.9	3,268.9	3,355.9	2.88	-2.19	1.88
10,593.0	89.50	90.80	6,889.4	-921.4	3,363.8	3,450.4	0.30	0.21	-0.21
10,689.0	89.60	90.60	6,890.2	-922.5	3,459.8	3,545.8	0.23	0.10	-0.21
10,785.0	89.60	89.90	6,890.9	-923.0	3,555.8	3,641.2	0.73	0.00	-0.73
10,880.0	89.50	89.60	6,891.6	-922.5	3,650.8	3,735.4	0.33	-0.11	-0.32
10,976.0	89.60	88.70	6,892.4	-921.1	3,746.8	3,830.6	0.94	0.10	-0.94
11,072.0	89.80	88.40	6,892.9	-918.7	3,842.8	3,925.5	0.38	0.21	-0.31
11,167.0	90.00	88.00	6,893.0	-915.7	3,937.7	4,019.4	0.47	0.21	-0.42
11,263.0	90.20	87.70	6,892.9	-912.1	4,033.7	4,114.2	0.38	0.21	-0.31
11,358.0	90.50	86.80	6,892.3	-907.5	4,128.5	4,207.9	1.00	0.32	-0.95
11,454.0	90.10	88.90	6,891.8	-903.9	4,224.5	4,302.7	2.23	-0.42	2.19
11,550.0	91.00	91.70	6,890.9	-904.4	4,320.5	4,398.0	3.06	0.94	2.92
11,645.0	91.70	91.90	6,888.6	-907.4	4,415.4	4,492.6	0.77	0.74	0.21
11,741.0	92.10	91.30	6,885.4	-910.1	4,511.3	4,588.1	0.75	0.42	-0.63
11,836.0	92.50	91.20	6,881.6	-912.2	4,606.2	4,682.6	0.43	0.42	-0.11
11,932.0	92.80	90.30	6,877.2	-913.4	4,702.1	4,777.9	0.99	0.31	-0.94
12,027.0	91.40	89.90	6,873.7	-913.6	4,797.0	4,872.2	1.53	-1.47	-0.42
12,123.0	91.30	89.90	6,871.5	-913.4	4,893.0	4,967.4	0.10	-0.10	0.00
12,218.0	91.80	89.40	6,868.9	-912.9	4,987.9	5,061.6	0.74	0.53	-0.53
12,314.0	89.10	89.40	6,868.1	-911.8	5,083.9	5,156.8	2.81	-2.81	0.00
12,409.0	89.00	89.10	6,869.7	-910.6	5,178.9	5,250.9	0.33	-0.11	-0.32
12,505.0	89.20	88.50	6,871.2	-908.6	5,274.9	5,346.0	0.66	0.21	-0.63
12,600.0	89.10	88.50	6,872.6	-906.1	5,369.8	5,439.9	0.11	-0.11	0.00
12,696.0	90.30	89.20	6,873.1	-904.2	5,465.8	5,535.0	1.45	1.25	0.73
12,791.0	90.10	89.10	6,872.8	-902.8	5,560.8	5,629.1	0.24	-0.21	-0.11
12,886.0	91.80	90.60	6,871.2	-902.5	5,655.8	5,723.3	2.39	1.79	1.58

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well Daisy 31G-312
Project:	SEC.31-T5N-R64W	TVD Reference:	WELL @ 4798.0ft (Original Well Elev)
Site:	Daisy 5N64W31F Pad Sec.31-T5N-R64W	MD Reference:	WELL @ 4798.0ft (Original Well Elev)
Well:	Daisy 31G-312	North Reference:	True
Wellbore:	Daisy 31G-312 Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Daisy 31G-312 Wellbore #1	Database:	US_EDM

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,982.0	91.60	90.60	6,868.4	-903.5	5,751.7	5,818.7	0.21	-0.21	0.00	
13,078.0	91.20	89.90	6,866.0	-903.9	5,847.7	5,914.0	0.84	-0.42	-0.73	
13,173.0	91.50	89.80	6,863.8	-903.7	5,942.7	6,008.3	0.33	0.32	-0.11	
13,268.0	91.30	89.40	6,861.5	-903.0	6,037.6	6,102.5	0.47	-0.21	-0.42	
13,364.0	91.40	88.50	6,859.2	-901.3	6,133.6	6,197.5	0.94	0.10	-0.94	
13,460.0	91.50	88.00	6,856.8	-898.3	6,229.5	6,292.4	0.53	0.10	-0.52	
13,555.0	92.10	87.80	6,853.8	-894.9	6,324.4	6,386.2	0.67	0.63	-0.21	
13,651.0	91.00	89.80	6,851.2	-892.9	6,420.3	6,481.2	2.38	-1.15	2.08	
13,747.0	91.30	89.20	6,849.3	-892.0	6,516.3	6,576.3	0.70	0.31	-0.63	
13,842.0	92.30	89.20	6,846.3	-890.7	6,611.3	6,670.4	1.05	1.05	0.00	
13,938.0	89.80	90.30	6,844.5	-890.3	6,707.2	6,765.7	2.84	-2.60	1.15	
14,034.0	90.00	89.90	6,844.7	-890.4	6,803.2	6,861.0	0.47	0.21	-0.42	
14,129.0	90.10	89.40	6,844.6	-889.9	6,898.2	6,955.2	0.54	0.11	-0.53	
14,224.0	90.70	88.90	6,843.9	-888.5	6,993.2	7,049.3	0.82	0.63	-0.53	
14,320.0	91.20	88.70	6,842.4	-886.4	7,089.2	7,144.4	0.56	0.52	-0.21	
14,415.0	91.90	88.50	6,839.8	-884.1	7,184.1	7,238.3	0.77	0.74	-0.21	
14,514.0	92.30	88.00	6,836.2	-881.1	7,283.0	7,336.1	0.65	0.40	-0.51	
14,574.0	92.30	88.00	6,833.7	-879.0	7,342.9	7,395.3	0.00	0.00	0.00	
Projected BHL 2226'FNL, 2547'FWL, SEC.32										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SHL 1311'FNL, 479'FWL	0.00	0.00	1.0	0.0	0.0	1,374,988.38	3,250,714.44	40.359253	-104.600328	
- hit/miss target										
- survey hits target center										
- Point										
Projected BHL 2226'FNL	0.00	0.00	6,840.0	-892.6	7,345.8	1,374,170.36	3,258,068.60	40.356800	-104.573970	
- survey misses target center by 15.3ft at 14574.0ft MD (6833.7 TVD, -879.0 N, 7342.9 E)										
- Point										

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
7,200.5	6,886.6	-960.8	-19.0	TPZ - 460' Setback - 2272'FNL, 460'FWL, SEC.31	
7,508.0	6,944.3	-952.2	281.5	Deepest TVD Drilled - 6944.3' TVD	

Checked By: _____	Approved By: _____	Date: _____
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