

PDC Energy Inc. DJ Basin

Well Name: **J Clark 4N (Nio B)**

Surface Location: Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone

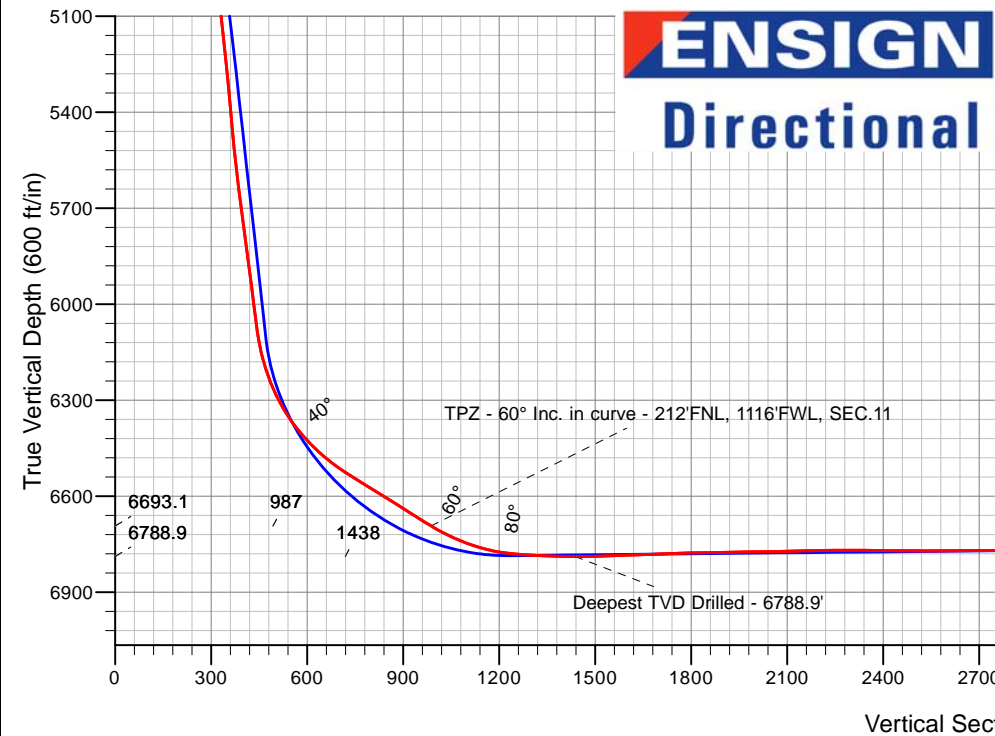
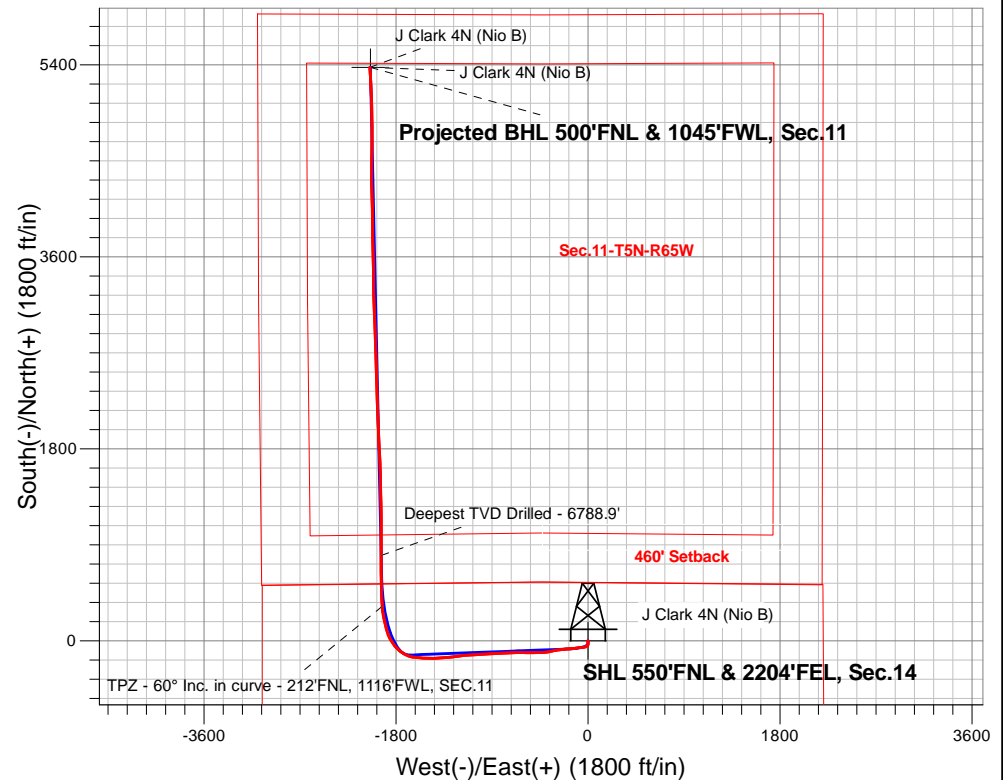
Ground Elevation: 4617.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1391636.24	3242560.86	40.405173	-104.628997	

Original Well Elev WELL @ 4640.0ft (Original Well Elev)

FINAL SURVEY

Projected Bottom Hole Location
12,302'MD 6750'TVD 5376'N & 2046'W of SHL
88.6 degree Incl @ 356.9 degree AZM



Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W
J Clark 4N (Nio B)
J Clark 4N (Nio B) Wellbore #1
16:22, August 15 2018

ANNOTATIONS

TVD	MD	Annotation
6693.1	7228.8	TPZ - 60° Inc. in curve - 212'FNL, 1116'FWL, SEC.11
6788.9	7724.3	Deepest TVD Drilled - 6788.9'

LEGEND

- J Clark 4N (Nio B), J Clark 4N (Nio B) Wellbore #1, Plan #2 (8-09-18) V0
- Survey #1
- J Clark 4N (Nio B) Wellbore #1

Projected BHL 500'FNL & 1045'FWL, Sec.11

J Clark 4N (Nio B)

J Clark 4N (Nio B)



PDC Energy Inc. DJ Basin

SEC.14-T5N-R65W

Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W

J Clark 4N (Nio B)

J Clark 4N (Nio B) Wellbore #1

Survey: Survey #1

Standard Survey Report

15 August, 2018

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well J Clark 4N (Nio B)
Project:	SEC.14-T5N-R65W	TVD Reference:	WELL @ 4640.0ft (Original Well Elev)
Site:	Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W	MD Reference:	WELL @ 4640.0ft (Original Well Elev)
Well:	J Clark 4N (Nio B)	North Reference:	True
Wellbore:	J Clark 4N (Nio B) Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	J Clark 4N (Nio B) Wellbore #1	Database:	US_EDM

Project	SEC.14-T5N-R65W, Weld County, Colorado		
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		Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W						
Site Position:		Northing:	1,391,636.42	usft	Latitude:	40.405168		
From:	Lat/Long	Easting:	3,242,770.94	usft	Longitude:	-104.628243		
Position Uncertainty:	0.0	ft	Slot Radius:	13-3/16	"	Grid Convergence:	0.56	°

Well	J Clark 4N (Nio B)					
Well Position	+N/-S	0.0 ft	Northing:	1,391,636.24 usft	Latitude:	40.405173
	+E/-W	0.0 ft	Easting:	3,242,560.86 usft	Longitude:	-104.628998
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,617.0 ft

Wellbore	J Clark 4N (Nio B) Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	8/9/2018	8.10	66.87	52,222

Design	J Clark 4N (Nio B) 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	339.21	

Survey Program	Date	8/15/2018			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
152.0	12,302.0	Survey #1 (J Clark 4N (Nio B) 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	
152.0	0.50	295.70	152.0	0.3	-0.6	0.5	0.33	0.33	0.00	
248.0	1.30	194.80	248.0	-0.6	-1.3	-0.1	1.54	0.83	-105.10	
343.0	2.70	177.00	342.9	-3.9	-1.4	-3.1	1.59	1.47	-18.74	
438.0	4.60	177.40	437.7	-9.9	-1.1	-8.9	2.00	2.00	0.42	
534.0	4.90	177.60	533.4	-17.8	-0.8	-16.4	0.31	0.31	0.21	
629.0	5.10	176.30	628.0	-26.1	-0.3	-24.3	0.24	0.21	-1.37	
724.0	5.50	192.00	722.6	-34.8	-1.0	-32.2	1.58	0.42	16.53	
819.0	5.60	213.60	817.2	-43.1	-4.5	-38.7	2.19	0.11	22.74	
915.0	5.80	233.80	912.7	-49.9	-11.0	-42.7	2.09	0.21	21.04	

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well J Clark 4N (Nio B)
Project:	SEC.14-T5N-R65W	TVD Reference:	WELL @ 4640.0ft (Original Well Elev)
Site:	Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W	MD Reference:	WELL @ 4640.0ft (Original Well Elev)
Well:	J Clark 4N (Nio B)	North Reference:	True
Wellbore:	J Clark 4N (Nio B) Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	J Clark 4N (Nio B) 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)
1,010.0	6.10	247.50	1,007.2	-54.6	-19.6	-44.1	1.52	0.32	14.42
1,106.0	7.60	256.80	1,102.5	-58.0	-30.5	-43.4	1.94	1.56	9.69
1,201.0	9.10	261.90	1,196.5	-60.5	-44.0	-41.0	1.76	1.58	5.37
1,296.0	10.60	266.10	1,290.1	-62.2	-60.2	-36.8	1.75	1.58	4.42
1,391.0	11.00	264.90	1,383.5	-63.6	-77.9	-31.8	0.48	0.42	-1.26
1,486.0	11.30	262.80	1,476.7	-65.5	-96.2	-27.1	0.53	0.32	-2.21
1,582.0	12.40	261.80	1,570.6	-68.2	-115.7	-22.7	1.17	1.15	-1.04
1,678.0	14.30	260.00	1,664.0	-71.7	-137.6	-18.2	2.03	1.98	-1.88
1,773.0	16.40	267.20	1,755.6	-74.4	-162.5	-11.9	2.98	2.21	7.58
1,869.0	19.10	266.50	1,847.1	-76.0	-191.8	-3.0	2.82	2.81	-0.73
1,965.0	18.60	264.70	1,937.9	-78.4	-222.7	5.7	0.80	-0.52	-1.88
2,059.0	20.40	264.00	2,026.5	-81.5	-253.9	13.9	1.93	1.91	-0.74
2,154.0	19.40	260.50	2,115.8	-85.8	-285.9	21.2	1.64	-1.05	-3.68
2,250.0	18.00	257.50	2,206.8	-91.7	-316.1	26.5	1.77	-1.46	-3.13
2,346.0	20.20	260.00	2,297.5	-97.8	-347.0	31.7	2.44	2.29	2.60
2,441.0	19.20	258.90	2,386.9	-103.6	-378.4	37.4	1.12	-1.05	-1.16
2,537.0	20.30	264.20	2,477.3	-108.4	-410.5	44.4	2.19	1.15	5.52
2,633.0	21.00	269.50	2,567.1	-110.2	-444.3	54.6	2.08	0.73	5.52
2,728.0	21.30	269.80	2,655.7	-110.4	-478.5	66.6	0.34	0.32	0.32
2,824.0	21.30	269.80	2,745.2	-110.5	-513.4	78.9	0.00	0.00	0.00
2,919.0	19.60	269.50	2,834.2	-110.7	-546.6	90.5	1.79	-1.79	-0.32
3,015.0	21.60	270.50	2,924.0	-110.7	-580.4	102.5	2.12	2.08	1.04
3,111.0	22.20	272.10	3,013.1	-109.9	-616.2	115.9	0.88	0.63	1.67
3,206.0	20.30	269.30	3,101.6	-109.4	-650.6	128.6	2.27	-2.00	-2.95
3,302.0	18.20	267.40	3,192.3	-110.3	-682.2	139.0	2.28	-2.19	-1.98
3,397.0	18.10	265.60	3,282.5	-112.1	-711.8	147.8	0.60	-0.11	-1.89
3,492.0	19.10	268.40	3,372.6	-113.7	-742.0	157.0	1.41	1.05	2.95
3,588.0	18.60	266.70	3,463.4	-115.0	-773.0	166.8	0.77	-0.52	-1.77
3,684.0	19.00	267.40	3,554.3	-116.6	-803.9	176.3	0.48	0.42	0.73
3,779.0	20.70	268.30	3,643.7	-117.8	-836.1	186.6	1.82	1.79	0.95
3,875.0	20.90	267.70	3,733.4	-119.0	-870.2	197.6	0.30	0.21	-0.63
3,970.0	20.90	267.60	3,822.2	-120.4	-904.1	208.3	0.04	0.00	-0.11
4,065.0	20.40	266.70	3,911.1	-122.0	-937.5	218.6	0.62	-0.53	-0.95
4,161.0	19.10	264.40	4,001.4	-124.5	-969.9	227.8	1.58	-1.35	-2.40
4,256.0	20.60	268.80	4,090.8	-126.4	-1,002.0	237.4	2.23	1.58	4.63
4,352.0	19.80	268.10	4,180.9	-127.3	-1,035.2	248.4	0.87	-0.83	-0.73
4,447.0	18.80	267.40	4,270.5	-128.5	-1,066.5	258.3	1.08	-1.05	-0.74
4,543.0	19.20	264.60	4,361.3	-130.7	-1,097.7	267.4	1.04	0.42	-2.92
4,639.0	20.60	263.90	4,451.6	-134.0	-1,130.2	275.8	1.48	1.46	-0.73
4,734.0	18.90	264.20	4,541.0	-137.3	-1,162.2	284.0	1.79	-1.79	0.32
4,830.0	19.80	262.60	4,631.5	-141.0	-1,193.7	291.8	1.09	0.94	-1.67
4,926.0	20.80	264.20	4,721.6	-144.8	-1,226.8	300.0	1.19	1.04	1.67
5,022.0	18.80	263.20	4,811.9	-148.4	-1,259.1	308.2	2.11	-2.08	-1.04
5,117.0	17.10	260.90	4,902.3	-152.4	-1,288.1	314.7	1.94	-1.79	-2.42

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well J Clark 4N (Nio B)
Project:	SEC.14-T5N-R65W	TVD Reference:	WELL @ 4640.0ft (Original Well Elev)
Site:	Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W	MD Reference:	WELL @ 4640.0ft (Original Well Elev)
Well:	J Clark 4N (Nio B)	North Reference:	True
Wellbore:	J Clark 4N (Nio B) Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	J Clark 4N (Nio B) 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)	
5,213.0	19.00	266.70	4,993.6	-155.5	-1,317.7	322.2	2.72	1.98	6.04	
5,308.0	17.80	263.20	5,083.7	-158.1	-1,347.5	330.4	1.72	-1.26	-3.68	
5,404.0	18.70	268.80	5,174.9	-160.2	-1,377.5	339.1	2.05	0.94	5.83	
5,499.0	18.60	266.50	5,264.9	-161.4	-1,407.9	348.7	0.78	-0.11	-2.42	
5,691.0	16.00	266.10	5,448.2	-165.1	-1,464.8	365.5	1.36	-1.35	-0.21	
5,786.0	16.70	272.10	5,539.3	-165.5	-1,491.5	374.6	1.92	0.74	6.32	
5,882.0	15.90	274.60	5,631.5	-163.9	-1,518.4	385.6	1.11	-0.83	2.60	
5,977.0	16.20	275.50	5,722.8	-161.6	-1,544.6	397.1	0.41	0.32	0.95	
6,073.0	16.70	276.00	5,814.9	-158.9	-1,571.6	409.2	0.54	0.52	0.52	
6,168.0	17.40	274.90	5,905.7	-156.2	-1,599.4	421.5	0.81	0.74	-1.16	
6,263.0	15.70	273.50	5,996.7	-154.2	-1,626.3	433.0	1.84	-1.79	-1.47	
6,359.0	15.60	280.40	6,089.2	-151.1	-1,652.0	445.0	1.94	-0.10	7.19	
6,455.0	23.00	290.10	6,179.8	-142.3	-1,682.4	464.0	8.38	7.71	10.10	
6,550.0	29.80	299.40	6,264.8	-124.3	-1,720.4	494.3	8.36	7.16	9.79	
6,645.0	36.90	307.50	6,344.2	-95.3	-1,763.7	536.8	8.81	7.47	8.53	
6,741.0	43.70	318.90	6,417.5	-52.7	-1,808.5	592.5	10.43	7.08	11.88	
6,837.0	50.90	330.30	6,482.6	4.8	-1,848.9	660.6	11.49	7.50	11.88	
6,932.0	58.50	341.70	6,537.6	75.6	-1,879.9	737.8	12.63	8.00	12.00	
7,028.0	58.60	348.10	6,587.7	154.6	-1,901.3	819.2	5.69	0.10	6.67	
7,124.0	57.70	348.10	6,638.4	234.4	-1,918.1	899.8	0.94	-0.94	0.00	
7,219.0	59.20	354.40	6,688.1	314.3	-1,930.3	978.9	5.87	1.58	6.63	
7,228.8	59.99	354.90	6,693.1	322.7	-1,931.1	987.1	9.18	8.05	5.11	
TPZ - 60° Inc. in curve - 212'FNL, 1116'FWL, SEC.11										
7,315.0	67.00	359.00	6,731.6	399.7	-1,935.2	1,060.4	9.18	8.13	4.76	
7,410.0	75.30	359.70	6,762.2	489.5	-1,936.2	1,144.8	8.76	8.74	0.74	
7,506.0	84.20	359.30	6,779.3	583.9	-1,937.0	1,233.3	9.28	9.27	-0.42	
7,601.0	87.90	359.80	6,785.8	678.6	-1,937.7	1,322.1	3.93	3.89	0.53	
7,724.3	89.29	359.30	6,788.8	801.9	-1,938.7	1,437.7	1.20	1.13	-0.40	
Deepest TVD Drilled - 6788.9'										
7,725.0	89.30	359.30	6,788.9	802.6	-1,938.7	1,438.4	1.20	1.13	-0.40	
7,821.0	91.80	359.50	6,787.9	898.6	-1,939.7	1,528.5	2.61	2.60	0.21	
7,917.0	92.20	359.50	6,784.6	994.5	-1,940.5	1,618.4	0.42	0.42	0.00	
8,012.0	92.90	359.30	6,780.4	1,089.4	-1,941.5	1,707.5	0.77	0.74	-0.21	
8,107.0	90.80	359.80	6,777.3	1,184.4	-1,942.3	1,796.6	2.27	-2.21	0.53	
8,203.0	90.90	359.80	6,775.9	1,280.3	-1,942.6	1,886.4	0.10	0.10	0.00	
8,299.0	90.80	359.30	6,774.4	1,376.3	-1,943.4	1,976.4	0.53	-0.10	-0.52	
8,394.0	91.10	358.80	6,772.9	1,471.3	-1,944.9	2,065.8	0.61	0.32	-0.53	
8,490.0	91.60	358.30	6,770.6	1,567.2	-1,947.4	2,156.3	0.74	0.52	-0.52	
8,586.0	89.90	357.70	6,769.4	1,663.2	-1,950.7	2,247.2	1.88	-1.77	-0.63	
8,681.0	89.90	357.40	6,769.5	1,758.1	-1,954.8	2,337.4	0.32	0.00	-0.32	
8,777.0	89.50	357.00	6,770.0	1,854.0	-1,959.5	2,428.7	0.59	-0.42	-0.42	
8,873.0	89.50	356.30	6,770.9	1,949.8	-1,965.1	2,520.3	0.73	0.00	-0.73	
8,969.0	90.20	358.10	6,771.1	2,045.7	-1,969.8	2,611.6	2.01	0.73	1.88	

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well J Clark 4N (Nio B)
Project:	SEC.14-T5N-R65W	TVD Reference:	WELL @ 4640.0ft (Original Well Elev)
Site:	Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W	MD Reference:	WELL @ 4640.0ft (Original Well Elev)
Well:	J Clark 4N (Nio B)	North Reference:	True
Wellbore:	J Clark 4N (Nio B) Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	J Clark 4N (Nio B) 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)
9,064.0	90.70	358.80	6,770.4	2,140.6	-1,972.3	2,701.3	0.91	0.53	0.74
9,160.0	90.70	358.10	6,769.2	2,236.6	-1,974.9	2,791.9	0.73	0.00	-0.73
9,256.0	90.60	357.40	6,768.1	2,332.5	-1,978.7	2,882.9	0.74	-0.10	-0.73
9,351.0	90.70	357.00	6,767.0	2,427.4	-1,983.3	2,973.3	0.43	0.11	-0.42
9,447.0	91.50	359.30	6,765.2	2,523.3	-1,986.4	3,064.0	2.54	0.83	2.40
9,542.0	91.80	358.80	6,762.4	2,618.3	-1,988.0	3,153.4	0.61	0.32	-0.53
9,637.0	92.10	358.40	6,759.2	2,713.2	-1,990.3	3,242.9	0.53	0.32	-0.42
9,733.0	92.30	358.10	6,755.5	2,809.1	-1,993.3	3,333.6	0.38	0.21	-0.31
9,828.0	90.00	358.30	6,753.6	2,904.0	-1,996.3	3,423.4	2.43	-2.42	0.21
9,924.0	89.50	358.10	6,754.0	3,000.0	-1,999.3	3,514.2	0.56	-0.52	-0.21
10,020.0	89.70	357.60	6,754.7	3,095.9	-2,002.9	3,605.2	0.56	0.21	-0.52
10,115.0	89.80	356.90	6,755.1	3,190.8	-2,007.4	3,695.5	0.74	0.11	-0.74
10,212.0	90.00	359.30	6,755.3	3,287.7	-2,010.6	3,787.3	2.48	0.21	2.47
10,306.0	89.30	359.70	6,755.9	3,381.7	-2,011.5	3,875.4	0.86	-0.74	0.43
10,402.0	89.40	359.50	6,757.0	3,477.7	-2,012.1	3,965.4	0.23	0.10	-0.21
10,497.0	89.50	358.80	6,757.9	3,572.7	-2,013.5	4,054.7	0.74	0.11	-0.74
10,592.0	89.30	358.40	6,758.9	3,667.7	-2,015.9	4,144.3	0.47	-0.21	-0.42
10,688.0	88.50	357.90	6,760.7	3,763.6	-2,019.0	4,235.1	0.98	-0.83	-0.52
10,783.0	90.60	359.70	6,761.5	3,858.5	-2,021.0	4,324.6	2.91	2.21	1.89
10,879.0	91.30	359.70	6,759.9	3,954.5	-2,021.5	4,414.5	0.73	0.73	0.00
10,974.0	91.50	359.00	6,757.5	4,049.5	-2,022.5	4,503.7	0.77	0.21	-0.74
11,070.0	91.70	358.10	6,754.9	4,145.4	-2,025.0	4,594.2	0.96	0.21	-0.94
11,165.0	92.10	357.60	6,751.7	4,240.3	-2,028.5	4,684.2	0.67	0.42	-0.53
11,260.0	92.80	0.40	6,747.6	4,335.2	-2,030.2	4,773.5	3.04	0.74	2.95
11,355.0	92.80	0.40	6,743.0	4,430.1	-2,029.5	4,862.0	0.00	0.00	0.00
11,451.0	90.40	1.40	6,740.3	4,526.0	-2,028.0	4,951.1	2.71	-2.50	1.04
11,546.0	90.30	0.70	6,739.7	4,621.0	-2,026.3	5,039.3	0.74	-0.11	-0.74
11,642.0	89.80	0.20	6,739.7	4,717.0	-2,025.5	5,128.8	0.74	-0.52	-0.52
11,738.0	89.40	359.80	6,740.3	4,813.0	-2,025.5	5,218.5	0.59	-0.42	-0.42
11,834.0	89.30	359.00	6,741.4	4,909.0	-2,026.5	5,308.6	0.84	-0.10	-0.83
11,929.0	89.10	358.40	6,742.7	5,004.0	-2,028.7	5,398.2	0.67	-0.21	-0.63
12,024.0	89.10	357.70	6,744.2	5,098.9	-2,031.9	5,488.1	0.74	0.00	-0.74
12,120.0	89.10	357.20	6,745.7	5,194.8	-2,036.2	5,579.3	0.52	0.00	-0.52
12,215.0	88.60	356.90	6,747.7	5,289.6	-2,041.1	5,669.7	0.61	-0.53	-0.32
12,302.0	88.60	356.90	6,749.8	5,376.5	-2,045.8	5,752.5	0.00	0.00	0.00

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well J Clark 4N (Nio B)
Project:	SEC.14-T5N-R65W	TVD Reference:	WELL @ 4640.0ft (Original Well Elev)
Site:	Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W	MD Reference:	WELL @ 4640.0ft (Original Well Elev)
Well:	J Clark 4N (Nio B)	North Reference:	True
Wellbore:	J Clark 4N (Nio B) Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	J Clark 4N (Nio B) Wellbore #1	Database:	US_EDM

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 550'FNL & 2204'FE - survey hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,391,636.25	3,242,560.86	40.405173	-104.628998
BHL 500'FNL & 1050'FM - survey misses target center by 10.9ft at 12301.6ft MD (6749.8 TVD, 5376.1 N, -2045.7 E) - Point	0.00	0.00	6,740.0	5,376.6	-2,040.9	1,396,992.27	3,240,467.36	40.419931	-104.636327

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,228.8	6,693.1	322.7	-1,931.1	TPZ - 60° Inc. in curve - 212'FNL, 1116'FWL, SEC.11
7,724.3	6,788.8	801.9	-1,938.7	Deepest TVD Drilled - 6788.9'

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------