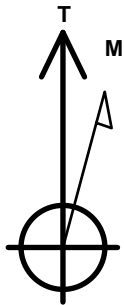


# PDC Energy Inc. DJ Basin

Well Name: **J Clark 11N (Nio C)**  
 Surface Location: Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W  
 North American Datum 1983 , US State Plane 1983, Colorado Northern Zone  
 Ground Elevation: 4615.0  
 +N/-S +E/-W Northing Easting Latitude Longitude Slot  
 0.0 0.0 1391636.26 3242740.94 40.405168 -104.628351  
 Original Well Elev WELL @ 4638.0ft (Original Well Elev)

## DESIGN TARGET DETAILS

| Name                           | TVD    | +N/-S  | +E/-W  | Shape |
|--------------------------------|--------|--------|--------|-------|
| SHL 550'FNL & 2024'FEL, Sec.14 | 1.0    | 0.0    | 0.0    | Point |
| BHL 500'FNL & 2400'FEL, Sec.11 | 6843.0 | 5373.8 | -370.1 | Point |
| LPL 50'FSL & 2487'FEL, Sec.11  | 6863.0 | 603.7  | -465.8 | Point |



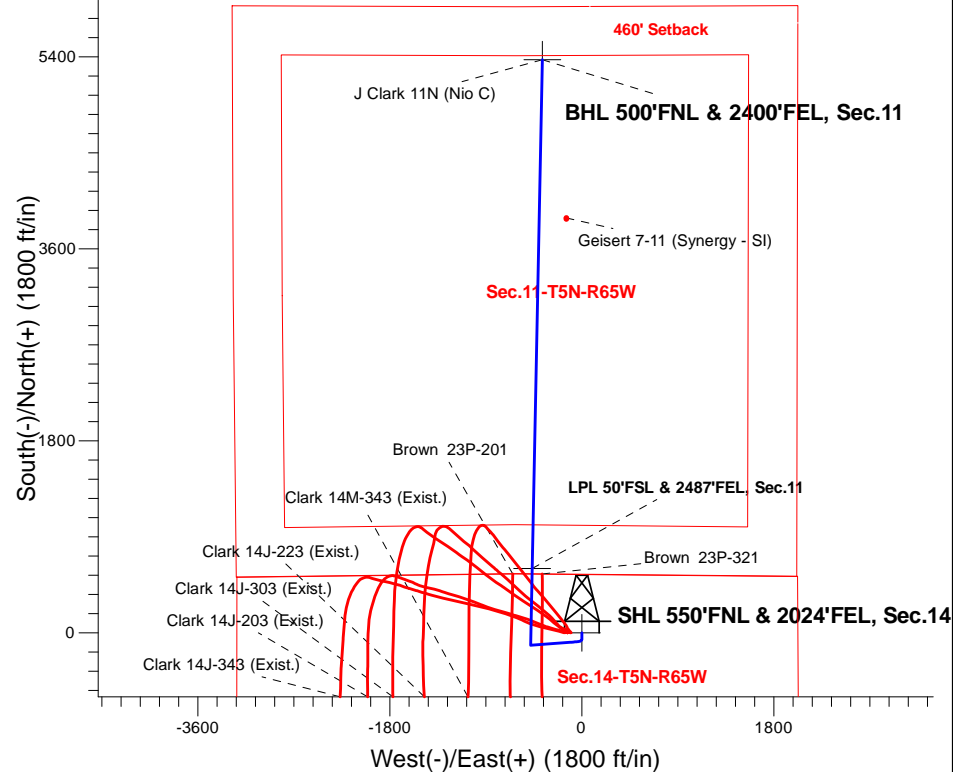
Azimuths to True North  
 Magnetic North: 7.91°

Magnetic Field  
 Strength: 52463.7snT  
 Dip Angle: 66.85°  
 Date: 12/19/2017  
 Model: IGRF2010

Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W  
 J Clark 11N (Nio C)  
 Plan #1 (12-18-17)  
 13:04, January 12 2018

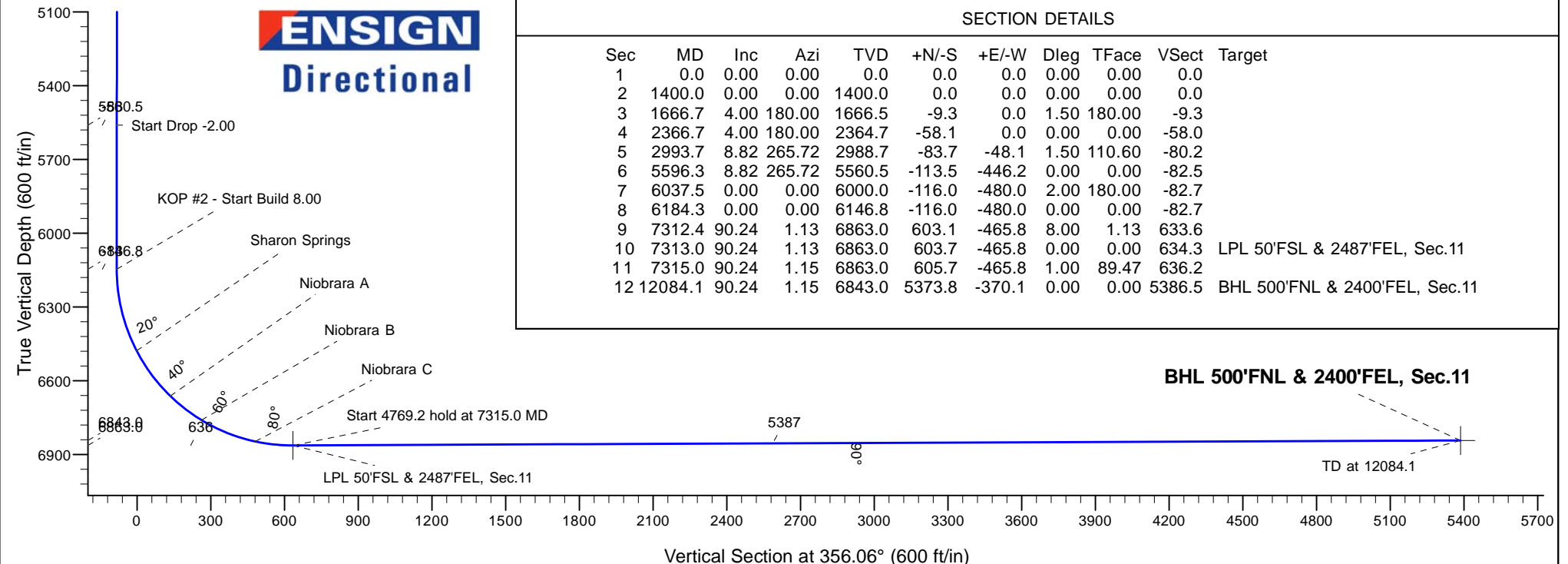
## ANNOTATIONS

| TVD    | MD      | Annotation                     |
|--------|---------|--------------------------------|
| 1400.0 | 1400.0  | KOP - Start Build 1.50         |
| 1666.5 | 1666.7  | Start 700.0 hold at 1666.7 MD  |
| 2364.7 | 2366.7  | Start DLS 1.50 TFO 110.60      |
| 5560.5 | 5596.3  | Start Drop -2.00               |
| 6146.8 | 6184.3  | KOP #2 - Start Build 8.00      |
| 6863.0 | 7315.0  | Start 4769.2 hold at 7315.0 MD |
| 6843.0 | 12084.1 | TD at 12084.1                  |



## SECTION DETAILS

| Sec | MD      | Inc   | Azi    | TVD    | +N/-S  | +E/-W  | Dleg | TFace  | VSect  | Target                         |
|-----|---------|-------|--------|--------|--------|--------|------|--------|--------|--------------------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0    | 0.0    | 0.0    | 0.00 | 0.00   | 0.0    |                                |
| 2   | 1400.0  | 0.00  | 0.00   | 1400.0 | 0.0    | 0.0    | 0.00 | 0.00   | 0.0    |                                |
| 3   | 1666.7  | 4.00  | 180.00 | 1666.5 | -9.3   | 0.0    | 1.50 | 180.00 | -9.3   |                                |
| 4   | 2366.7  | 4.00  | 180.00 | 2364.7 | -58.1  | 0.0    | 0.00 | 0.00   | -58.0  |                                |
| 5   | 2993.7  | 8.82  | 265.72 | 2988.7 | -83.7  | -48.1  | 1.50 | 110.60 | -80.2  |                                |
| 6   | 5596.3  | 8.82  | 265.72 | 5560.5 | -113.5 | -446.2 | 0.00 | 0.00   | -82.5  |                                |
| 7   | 6037.5  | 0.00  | 0.00   | 6000.0 | -116.0 | -480.0 | 2.00 | 180.00 | -82.7  |                                |
| 8   | 6184.3  | 0.00  | 0.00   | 6146.8 | -116.0 | -480.0 | 0.00 | 0.00   | -82.7  |                                |
| 9   | 7312.4  | 90.24 | 1.13   | 6863.0 | 603.1  | -465.8 | 8.00 | 1.13   | 633.6  |                                |
| 10  | 7313.0  | 90.24 | 1.13   | 6863.0 | 603.7  | -465.8 | 0.00 | 0.00   | 634.3  | LPL 50'FSL & 2487'FEL, Sec.11  |
| 11  | 7315.0  | 90.24 | 1.15   | 6863.0 | 605.7  | -465.8 | 1.00 | 89.47  | 636.2  |                                |
| 12  | 12084.1 | 90.24 | 1.15   | 6843.0 | 5373.8 | -370.1 | 0.00 | 0.00   | 5386.5 | BHL 500'FNL & 2400'FEL, Sec.11 |





## **PDC Energy Inc. DJ Basin**

**SEC.14-T5N-R65W**

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

**J Clark 11N (Nio C)**

**Wellbore #1**

**Plan #1 (12-18-17)**

## **Anticollision Summary Report**

**12 January, 2018**



|                           |  |                                     |                                      |
|---------------------------|--|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | PDC Energy Inc. DJ Basin               | <b>Local Co-ordinate Reference:</b> | Well J Clark 11N (Nio C)             |
| <b>Project:</b>           | SEC.14-T5N-R65W                        | <b>TVD Reference:</b>               | WELL @ 4638.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W | <b>MD Reference:</b>                | WELL @ 4638.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0 ft                                 | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | J Clark 11N (Nio C)                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 ft                                 | <b>Output errors are at</b>         | 2.45 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                            | <b>Database:</b>                    | US_EDM                               |
| <b>Reference Design:</b>  | Plan #1 (12-18-17)                     | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                     |   |                       |                     |
|-------------------------------------|---|-----------------------|---------------------|
| <b>Reference</b>                    | Plan #1 (12-18-17)  |                       |                     |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                       |                     |
| <b>Interpolation Method:</b>        | MD Interval 50.0ft  | <b>Error Model:</b>   | ISCWSA              |
| <b>Depth Range:</b>                 | Unlimited   | <b>Scan Method:</b>   | Closest Approach 3D |
| <b>Results Limited by:</b>          | Maximum center-center distance of 800.0 ft                          | <b>Error Surface:</b> | Elliptical Conic    |
| <b>Warning Levels Evaluated at:</b> | 2.45 Sigma  | <b>Casing Method:</b> | Not applied         |

|                            |                |                                  |                  |                    |
|----------------------------|----------------|----------------------------------|------------------|--------------------|
| <b>Survey Tool Program</b> | <b>Date</b>    | 1/12/2018                        |                  |                    |
| <b>From (ft)</b>           | <b>To (ft)</b> | <b>Survey (Wellbore)</b>         | <b>Tool Name</b> | <b>Description</b> |
| 0.0                        | 12,084.1       | Plan #1 (12-18-17) (Wellbore #1) | MWD              | MWD - Standard     |

| Summary  |                               |                            |                               |                                |                   |                     |
|--|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|---------------------|
| Site Name  | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning             |
| Offset Well - Wellbore - Design                        |                               |                            |                               |                                |                   |                     |
| Brown 5N65W23 Pad Sec.23-T5N-R65W                      |                               |                            |                               |                                |                   |                     |
| Brown 23P-201 - Wellbore #1 - Wellbore #1              | 6,962.6                       | 15,045.2                   | 181.4                         | -43.6                          | 0.806             | Level 1, CC, ES, SF |
| Brown 23P-321 - Wellbore #1 - Wellbore #1              | 7,067.7                       | 15,647.3                   | 100.2                         | -125.8                         | 0.443             | Level 1, CC, ES, SF |
| Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W                 |                               |                            |                               |                                |                   |                     |
| J Clark 10N (Nio B) - Wellbore #1 - Plan #1 (12-18-17) | 1,233.4                       | 1,233.4                    | 15.0                          | 8.5                            | 2.308             | CC                  |
| J Clark 10N (Nio B) - Wellbore #1 - Plan #1 (12-18-17) | 12,084.1                      | 12,018.2                   | 163.5                         | -75.1                          | 0.685             | Level 1, ES, SF     |
| J Clark 12N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)  | 1,433.4                       | 1,433.4                    | 15.0                          | 7.4                            | 1.974             | CC                  |
| J Clark 12N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)  | 1,550.0                       | 1,550.0                    | 15.3                          | 7.1                            | 1.864             | ES                  |
| J Clark 12N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)  | 12,084.1                      | 11,983.6                   | 258.3                         | 11.1                           | 1.045             | Level 2, SF         |
| J Clark 13N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)  | 1,446.9                       | 1,446.9                    | 30.0                          | 22.3                           | 3.908             | CC                  |
| J Clark 13N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)  | 1,550.0                       | 1,550.0                    | 30.1                          | 21.9                           | 3.676             | ES                  |
| J Clark 13N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)  | 12,084.1                      | 12,055.3                   | 500.0                         | 244.9                          | 1.960             | SF                  |
| J Clark 14N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)  | 1,200.0                       | 1,200.0                    | 45.0                          | 38.7                           | 7.107             | CC, ES              |
| J Clark 14N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)  | 12,084.1                      | 11,997.7                   | 752.9                         | 498.7                          | 2.962             | SF                  |
| J Clark 15N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)  | 800.0                         | 800.0                      | 60.0                          | 55.9                           | 14.526            | CC, ES              |
| J Clark 15N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)  | 1,050.0                       | 1,045.9                    | 67.8                          | 62.4                           | 12.490            | SF                  |
| J Clark 16N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)  | 200.0                         | 200.0                      | 75.0                          | 74.2                           | 90.802            | CC, ES              |
| J Clark 16N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)  | 850.0                         | 831.8                      | 128.5                         | 124.2                          | 29.317            | SF                  |
| J Clark 1C (Codell) - Wellbore #1 - Plan #1 (1-10-18)  | 182.6                         | 184.6                      | 225.1                         | 224.4                          | 305.907           | CC                  |
| J Clark 1C (Codell) - Wellbore #1 - Plan #1 (1-10-18)  | 200.0                         | 200.0                      | 225.1                         | 224.3                          | 272.552           | ES                  |
| J Clark 1C (Codell) - Wellbore #1 - Plan #1 (1-10-18)  | 1,450.0                       | 1,346.7                    | 414.3                         | 406.6                          | 53.976            | SF                  |
| J Clark 2N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 382.6                         | 384.6                      | 210.1                         | 208.3                          | 114.360           | CC                  |
| J Clark 2N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 400.0                         | 400.0                      | 210.1                         | 208.2                          | 109.019           | ES                  |
| J Clark 2N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 1,400.0                       | 1,331.0                    | 332.6                         | 325.3                          | 45.519            | SF                  |
| J Clark 3N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)   | 318.5                         | 320.5                      | 195.1                         | 193.6                          | 134.643           | CC                  |
| J Clark 3N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)   | 500.0                         | 500.0                      | 195.3                         | 192.9                          | 80.686            | ES                  |
| J Clark 3N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)   | 1,400.0                       | 1,343.5                    | 299.1                         | 291.8                          | 40.692            | SF                  |
| J Clark 4N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 313.8                         | 315.8                      | 180.1                         | 178.7                          | 126.432           | CC                  |
| J Clark 4N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 550.0                         | 551.5                      | 180.6                         | 177.9                          | 66.446            | ES                  |
| J Clark 4N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 1,400.0                       | 1,360.2                    | 255.1                         | 247.7                          | 34.500            | SF                  |
| J Clark 5N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)   | 281.7                         | 281.7                      | 90.0                          | 88.8                           | 71.907            | CC                  |
| J Clark 5N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)   | 450.0                         | 449.7                      | 90.3                          | 88.2                           | 42.099            | ES                  |
| J Clark 5N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)   | 1,050.0                       | 1,035.6                    | 127.8                         | 122.3                          | 23.359            | SF                  |
| J Clark 6N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 474.6                         | 474.6                      | 75.0                          | 72.7                           | 32.420            | CC                  |
| J Clark 6N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 650.0                         | 649.7                      | 75.4                          | 72.2                           | 23.454            | ES                  |
| J Clark 6N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)   | 1,150.0                       | 1,143.0                    | 94.4                          | 88.5                           | 15.856            | SF                  |
| J Clark 7N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)   | 664.6                         | 664.6                      | 60.0                          | 56.6                           | 17.844            | CC                  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |  |                                     |                                      |
|---------------------------|--|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | PDC Energy Inc. DJ Basin               | <b>Local Co-ordinate Reference:</b> | Well J Clark 11N (Nio C)             |
| <b>Project:</b>           | SEC.14-T5N-R65W                        | <b>TVD Reference:</b>               | WELL @ 4638.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W | <b>MD Reference:</b>                | WELL @ 4638.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0 ft                                 | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | J Clark 11N (Nio C)                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 ft                                 | <b>Output errors are at</b>         | 2.45 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                            | <b>Database:</b>                    | US_EDM                               |
| <b>Reference Design:</b>  | Plan #1 (12-18-17)                     | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Summary   |                               |                            |                               |                                |                   |                     |
|---|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|---------------------|
| Site Name   | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning             |
| <b>Offset Well - Wellbore - Design</b>                  |                               |                            |                               |                                |                   |                     |
| Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W                  |                               |                            |                               |                                |                   |                     |
| J Clark 7N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)    | 800.0                         | 799.8                      | 60.2                          | 56.1                           | 14.887            | ES                  |
| J Clark 7N (Nio C) - Wellbore #1 - Plan #1 (1-10-18)    | 1,300.0                       | 1,296.7                    | 73.2                          | 66.5                           | 10.879            | SF                  |
| J Clark 8N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)    | 857.7                         | 857.7                      | 45.0                          | 40.6                           | 10.165            | CC                  |
| J Clark 8N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)    | 1,000.0                       | 999.8                      | 45.3                          | 40.1                           | 8.810             | ES                  |
| J Clark 8N (Nio B) - Wellbore #1 - Plan #1 (1-10-18)    | 10,150.0                      | 10,216.1                   | 799.7                         | 633.9                          | 4.823             | SF                  |
| J Clark 9C (Codell) - Wellbore #1 - Plan #1 (1-10-18)   | 1,046.2                       | 1,046.2                    | 30.0                          | 24.5                           | 5.484             | CC                  |
| J Clark 9C (Codell) - Wellbore #1 - Plan #1 (1-10-18)   | 1,150.0                       | 1,149.9                    | 30.1                          | 24.1                           | 5.026             | ES                  |
| J Clark 9C (Codell) - Wellbore #1 - Plan #1 (1-10-18)   | 12,084.1                      | 12,254.3                   | 607.8                         | 356.1                          | 2.415             | SF                  |
| Clark 5N65W14EJ Pad Sec.14-T5N-R65W                     |                               |                            |                               |                                |                   |                     |
| Clark 14J-203 (Exist.) - Wellbore #1 - Wellbore #1      | 0.0                           | 1.0                        | 149.9                         | 149.9                          | 10,000.000        | CC                  |
| Clark 14J-203 (Exist.) - Wellbore #1 - Wellbore #1      | 150.0                         | 150.4                      | 150.2                         | 149.7                          | 311.298           | ES                  |
| Clark 14J-203 (Exist.) - Wellbore #1 - Wellbore #1      | 1,200.0                       | 1,157.0                    | 235.4                         | 229.3                          | 38.420            | SF                  |
| Clark 14J-223 (Exist.) - Wellbore #1 - Wellbore #1      | 762.1                         | 763.1                      | 117.5                         | 113.7                          | 31.152            | CC                  |
| Clark 14J-223 (Exist.) - Wellbore #1 - Wellbore #1      | 800.0                         | 800.2                      | 117.6                         | 113.6                          | 29.589            | ES                  |
| Clark 14J-223 (Exist.) - Wellbore #1 - Wellbore #1      | 1,200.0                       | 1,184.1                    | 144.3                         | 138.2                          | 23.596            | SF                  |
| Clark 14J-303 (Exist.) - Wellbore #1 - Wellbore #1      | 583.5                         | 584.5                      | 133.2                         | 130.5                          | 48.038            | CC                  |
| Clark 14J-303 (Exist.) - Wellbore #1 - Wellbore #1      | 600.0                         | 600.7                      | 133.2                         | 130.4                          | 46.599            | ES                  |
| Clark 14J-303 (Exist.) - Wellbore #1 - Wellbore #1      | 1,250.0                       | 1,223.6                    | 188.0                         | 181.6                          | 29.442            | SF                  |
| Clark 14J-343 (Exist.) - Wellbore #1 - Wellbore #1      | 180.4                         | 181.4                      | 164.5                         | 163.9                          | 257.554           | CC                  |
| Clark 14J-343 (Exist.) - Wellbore #1 - Wellbore #1      | 200.0                         | 200.4                      | 164.5                         | 163.8                          | 222.450           | ES                  |
| Clark 14J-343 (Exist.) - Wellbore #1 - Wellbore #1      | 1,300.0                       | 1,227.3                    | 326.7                         | 319.9                          | 47.918            | SF                  |
| Clark 14M-343 (Exist.) - Wellbore #1 - Wellbore #1      | 948.8                         | 948.8                      | 100.7                         | 96.0                           | 21.332            | CC                  |
| Clark 14M-343 (Exist.) - Wellbore #1 - Wellbore #1      | 950.0                         | 950.0                      | 100.7                         | 96.0                           | 21.303            | ES                  |
| Clark 14M-343 (Exist.) - Wellbore #1 - Wellbore #1      | 7,550.0                       | 6,977.8                    | 603.3                         | 551.6                          | 11.662            | SF                  |
| Existing Wells Sec.11-T5N-R65W                          |                               |                            |                               |                                |                   |                     |
| Geisert 7-11 (Synergy - SI) - Wellbore #1 - Wellbore #1 | 10,605.8                      | 6,815.2                    | 254.9                         | -5.3                           | 0.980             | Level 1, CC, ES, SF |

|                           |  |                                     |                                      |
|---------------------------|--|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | PDC Energy Inc. DJ Basin               | <b>Local Co-ordinate Reference:</b> | Well J Clark 11N (Nio C)             |
| <b>Project:</b>           | SEC.14-T5N-R65W                        | <b>TVD Reference:</b>               | WELL @ 4638.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W | <b>MD Reference:</b>                | WELL @ 4638.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0 ft                                 | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | J Clark 11N (Nio C)                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 ft                                 | <b>Output errors are at</b>         | 2.45 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                            | <b>Database:</b>                    | US_EDM                               |
| <b>Reference Design:</b>  | Plan #1 (12-18-17)                     | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to WELL @ 4638.0ft (Original Well Elev)

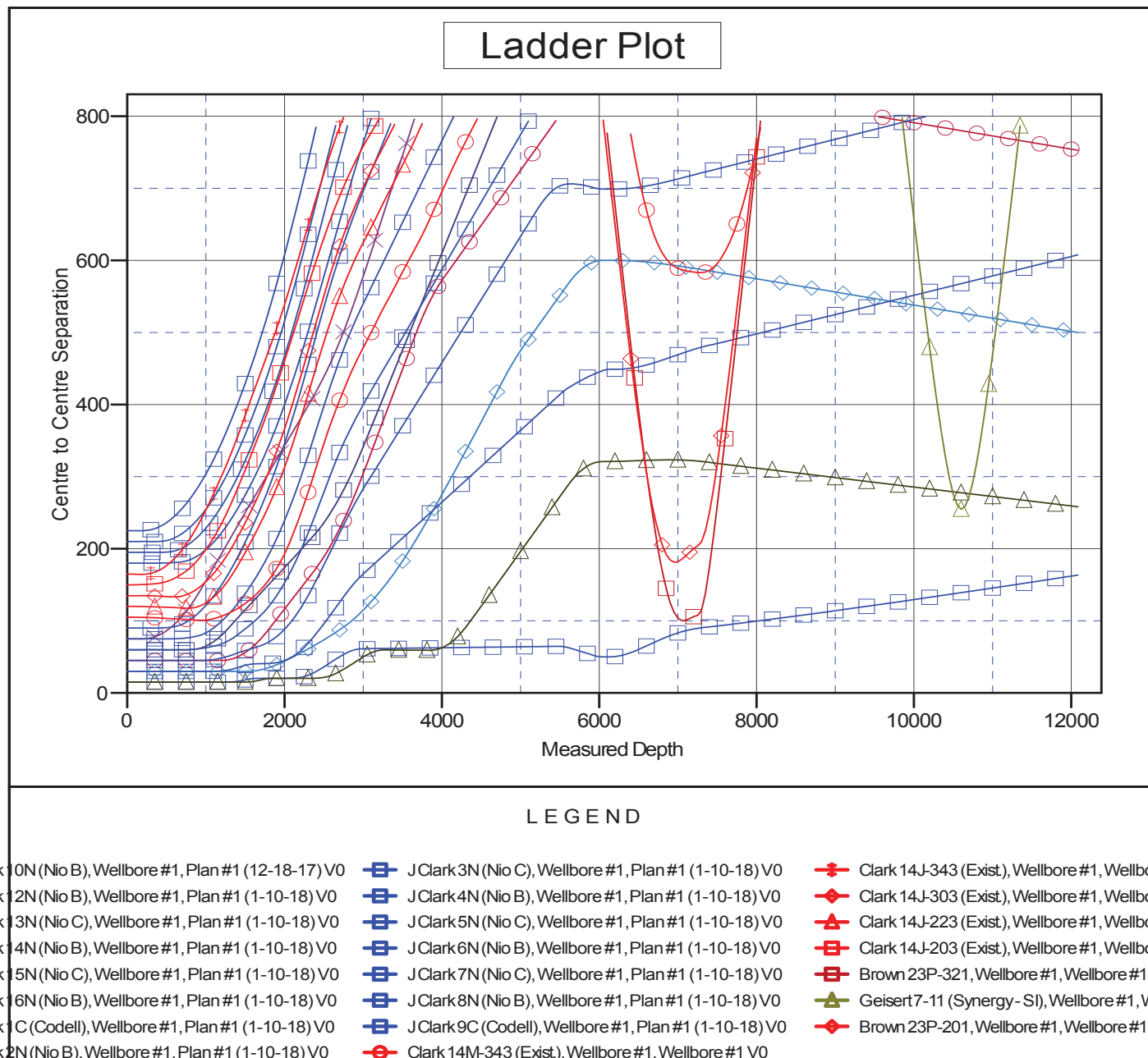
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

Coordinates are relative to: J Clark 11N (Nio C)

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.56°



|                           |  |                                     |                                      |
|---------------------------|--|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | PDC Energy Inc. DJ Basin               | <b>Local Co-ordinate Reference:</b> | Well J Clark 11N (Nio C)             |
| <b>Project:</b>           | SEC.14-T5N-R65W                        | <b>TVD Reference:</b>               | WELL @ 4638.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | Clark 5N65W14 1-21 Pad Sec.14-T5N-R65W | <b>MD Reference:</b>                | WELL @ 4638.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0 ft                                 | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | J Clark 11N (Nio C)                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 ft                                 | <b>Output errors are at</b>         | 2.45 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                            | <b>Database:</b>                    | US_EDM                               |
| <b>Reference Design:</b>  | Plan #1 (12-18-17)                     | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to WELL @ 4638.0ft (Original Well Elev)

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

Coordinates are relative to: J Clark 11N (Nio C)

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.56°

