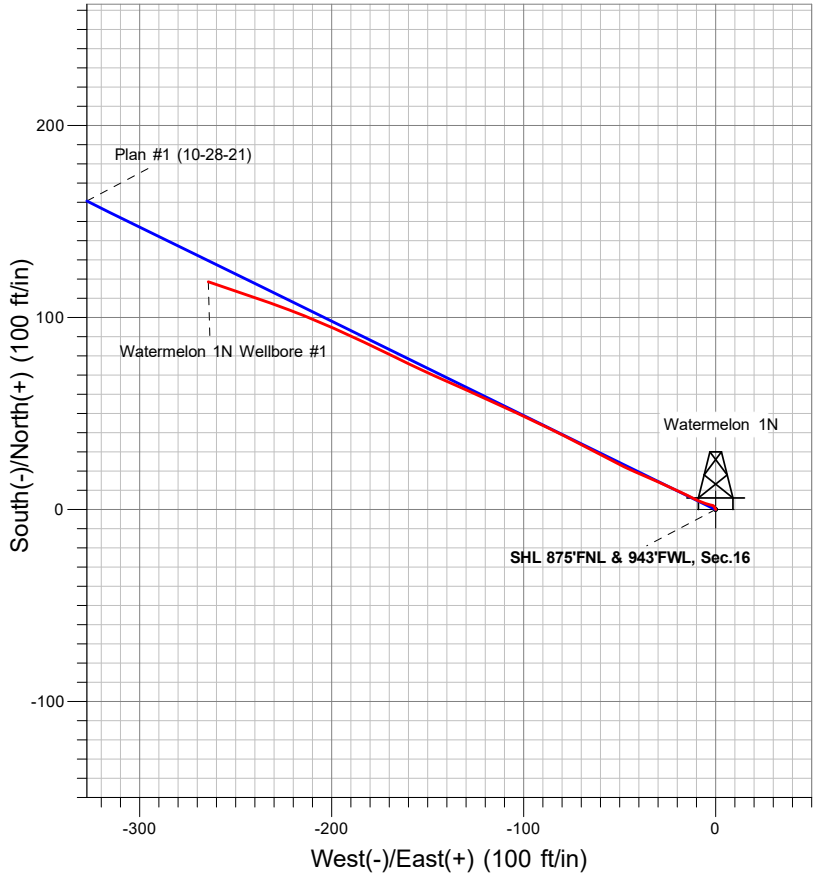


PDC Energy Inc. DJ Basin

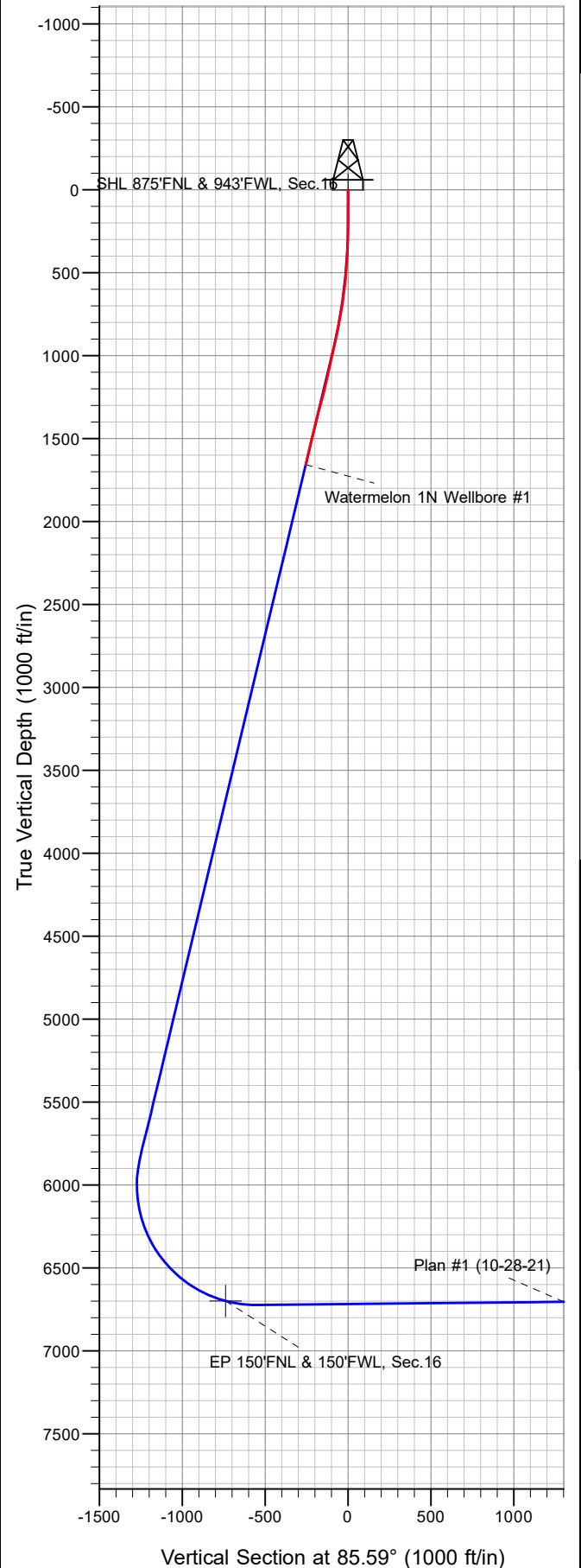


LEGEND

- ▲ Watermelon 1N, Watermelon 1N Wellbore #1, Plan #1 (10-28-21) V0
- Watermelon 1N Wellbore #1

Final Survey Plot

Project: SEC.16-T5N-R64W
 Site: Watermelon 5N64W16 1-10 Pad Sec.16-T5N-R64W
 Well: Watermelon 1N
 Plan: Watermelon 1N Wellbore #1





PDC Energy Inc. DJ Basin

SEC.16-T5N-R64W

Watermelon 5N64W16 1-10 Pad Sec.16-T5N-R64W

Watermelon 1N

Watermelon 1N Wellbore #1

Design: Watermelon 1N Wellbore #1

Standard Survey Report

05 November, 2021

| | | | |
|------------------|------------------------------------------------|-------------------------------------|----------------------------------------|
| Company: | PDC Energy Inc. DJ Basin | Local Co-ordinate Reference: | Well Watermelon 1N |
| Project: | SEC.16-T5N-R64W | TVD Reference: | WELL @ 4623.0ft (Ensign 122 RKB - 13') |
| Site: | Watermelon 5N64W16 1-10 Pad Sec.16-T5N-R64W | MD Reference: | WELL @ 4623.0ft (Ensign 122 RKB - 13') |
| Well: | Watermelon 1N | North Reference: | True |
| Wellbore: | Watermelon 1N Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Watermelon 1N Wellbore #1 | Database: | US_EDM |

| | | | |
|--------------------|----------------------------------|----------------------|-----------------------------|
| Project | SEC.16-T5N-R64W, Weld County, CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | Using geodetic scale factor |

| | | | | | |
|------------------------------|---------------------------------------------|---------------------|-------------------|--------------------------|-------------|
| Site | Watermelon 5N64W16 1-10 Pad Sec.16-T5N-R64W | | | | |
| Site Position: | | Northing: | 1,391,460.11 usft | Latitude: | 40.404160 |
| From: | Lat/Long | Easting: | 3,261,477.63 usft | Longitude: | -104.561082 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.61 ° |

| | | | | | | |
|-----------------------------|---------------|--------|----------------------------|-------------------|----------------------|-------------|
| Well | Watermelon 1N | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,391,460.11 usft | Latitude: | 40.404160 |
| | +E/-W | 0.0 ft | Easting: | 3,261,477.63 usft | Longitude: | -104.561082 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 4,610.0 ft |

| | | | | | |
|------------------|---------------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Watermelon 1N Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HRGM | 10/28/2021 | 7.73 | 66.75 | 51,910.64331760 |

| | | | | | |
|--------------------------|---------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Watermelon 1N 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 | 85.59 |

| | | | | |
|-----------------------|----------------|---------------------------------------|------------------|--------------------|
| Survey Program | Date | 11/05/2021 | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 148.0 | 1,691.0 | Survey #1 (Watermelon 1N 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 | |
| 148.0 | 0.53 | 339.61 | 148.0 | 0.6 | -0.2 | -0.2 | 0.36 | 0.36 | 0.00 | |
| 239.0 | 0.88 | 328.53 | 239.0 | 1.6 | -0.7 | -0.6 | 0.41 | 0.38 | -12.18 | |
| 331.0 | 1.76 | 279.14 | 331.0 | 2.5 | -2.5 | -2.3 | 1.48 | 0.96 | -53.68 | |
| 447.0 | 4.22 | 292.50 | 446.8 | 4.4 | -8.2 | -7.9 | 2.19 | 2.12 | 11.52 | |
| 532.0 | 5.98 | 296.71 | 531.5 | 7.6 | -15.1 | -14.4 | 2.12 | 2.07 | 4.95 | |
| 617.0 | 8.35 | 294.25 | 615.8 | 12.1 | -24.6 | -23.6 | 2.81 | 2.79 | -2.89 | |
| 703.0 | 10.55 | 293.20 | 700.6 | 17.8 | -37.6 | -36.1 | 2.57 | 2.56 | -1.22 | |
| 788.0 | 12.75 | 297.07 | 783.9 | 25.1 | -53.1 | -51.0 | 2.75 | 2.59 | 4.55 | |
| 873.0 | 12.75 | 297.59 | 866.8 | 33.7 | -69.7 | -67.0 | 0.14 | 0.00 | 0.61 | |

| | | | |
|------------------|------------------------------------------------|-------------------------------------|----------------------------------------|
| Company: | PDC Energy Inc. DJ Basin | Local Co-ordinate Reference: | Well Watermelon 1N |
| Project: | SEC.16-T5N-R64W | TVD Reference: | WELL @ 4623.0ft (Ensign 122 RKB - 13') |
| Site: | Watermelon 5N64W16 1-10 Pad Sec.16-T5N-R64W | MD Reference: | WELL @ 4623.0ft (Ensign 122 RKB - 13') |
| Well: | Watermelon 1N | North Reference: | True |
| Wellbore: | Watermelon 1N Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Watermelon 1N 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) |
| 958.0 | 14.42 | 295.84 | 949.4 | 42.7 | -87.6 | -84.0 | 2.02 | 1.96 | -2.06 |
| 1,044.0 | 15.12 | 295.13 | 1,032.5 | 52.1 | -107.4 | -103.1 | 0.84 | 0.81 | -0.83 |
| 1,129.0 | 13.89 | 293.90 | 1,114.8 | 60.9 | -126.7 | -121.7 | 1.49 | -1.45 | -1.45 |
| 1,214.0 | 15.04 | 294.25 | 1,197.1 | 69.6 | -146.1 | -140.3 | 1.36 | 1.35 | 0.41 |
| 1,297.0 | 17.23 | 296.01 | 1,276.9 | 79.4 | -167.0 | -160.4 | 2.70 | 2.64 | 2.12 |
| 1,382.0 | 17.15 | 295.13 | 1,358.1 | 90.3 | -189.7 | -182.2 | 0.32 | -0.09 | -1.04 |
| 1,469.0 | 15.30 | 291.97 | 1,441.6 | 100.0 | -211.9 | -203.6 | 2.36 | -2.13 | -3.63 |
| 1,554.0 | 14.42 | 289.68 | 1,523.8 | 107.8 | -232.3 | -223.3 | 1.24 | -1.04 | -2.69 |
| 1,631.0 | 14.16 | 288.63 | 1,598.4 | 114.0 | -250.2 | -240.7 | 0.48 | -0.34 | -1.36 |
| 1,691.0 | 14.16 | 288.63 | 1,656.6 | 118.7 | -264.1 | -254.2 | 0.00 | 0.00 | 0.00 |

Checked By: _____ Approved By: _____ Date: _____