

CRESTONE PEAK RESOURCES

ARAPAHOE COUNTY

SEC 10-T4S-R65W

PROSPER FARMS 4-65 11-12 2BH

OWB

Design: FINAL SURVEY

Standard Survey Report

04 January, 2023

Project: ARAPAHOE COUNTY
 Site: SEC 10-T4S-R65W
 Well: PROSPER FARMS 4-65 11-12 2BH
 Wellbore: OWB
 Design: FINAL SURVEY

PROJECT DETAILS: ARAPAHOE COUNTY
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Central Zone
 System Datum: Mean Sea Level



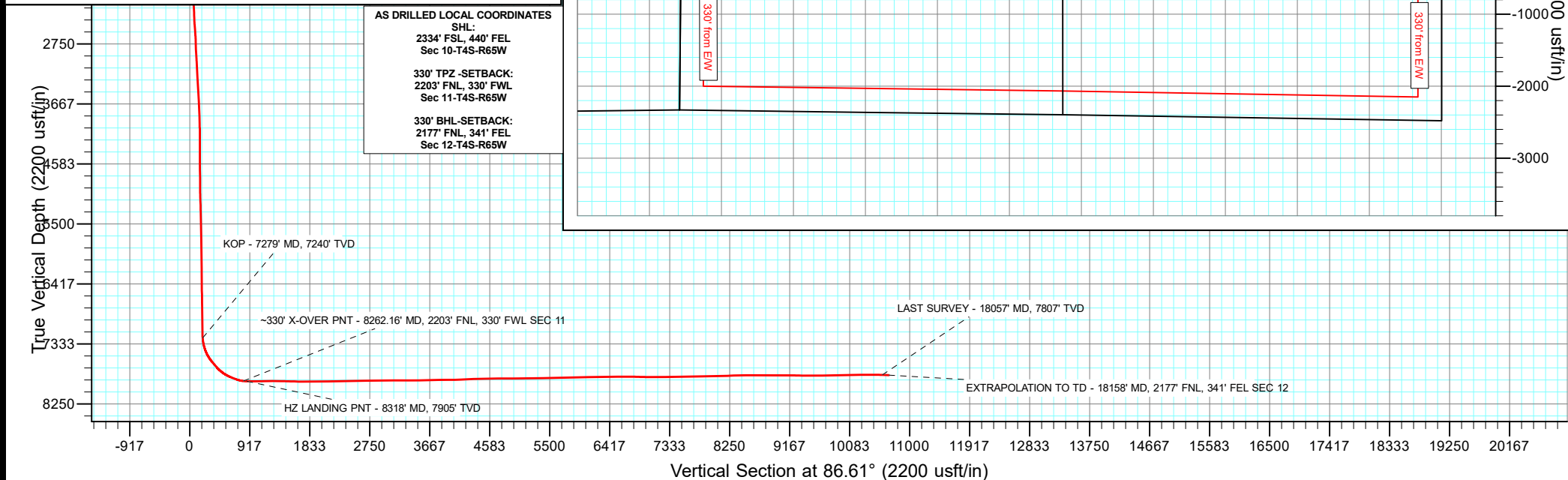
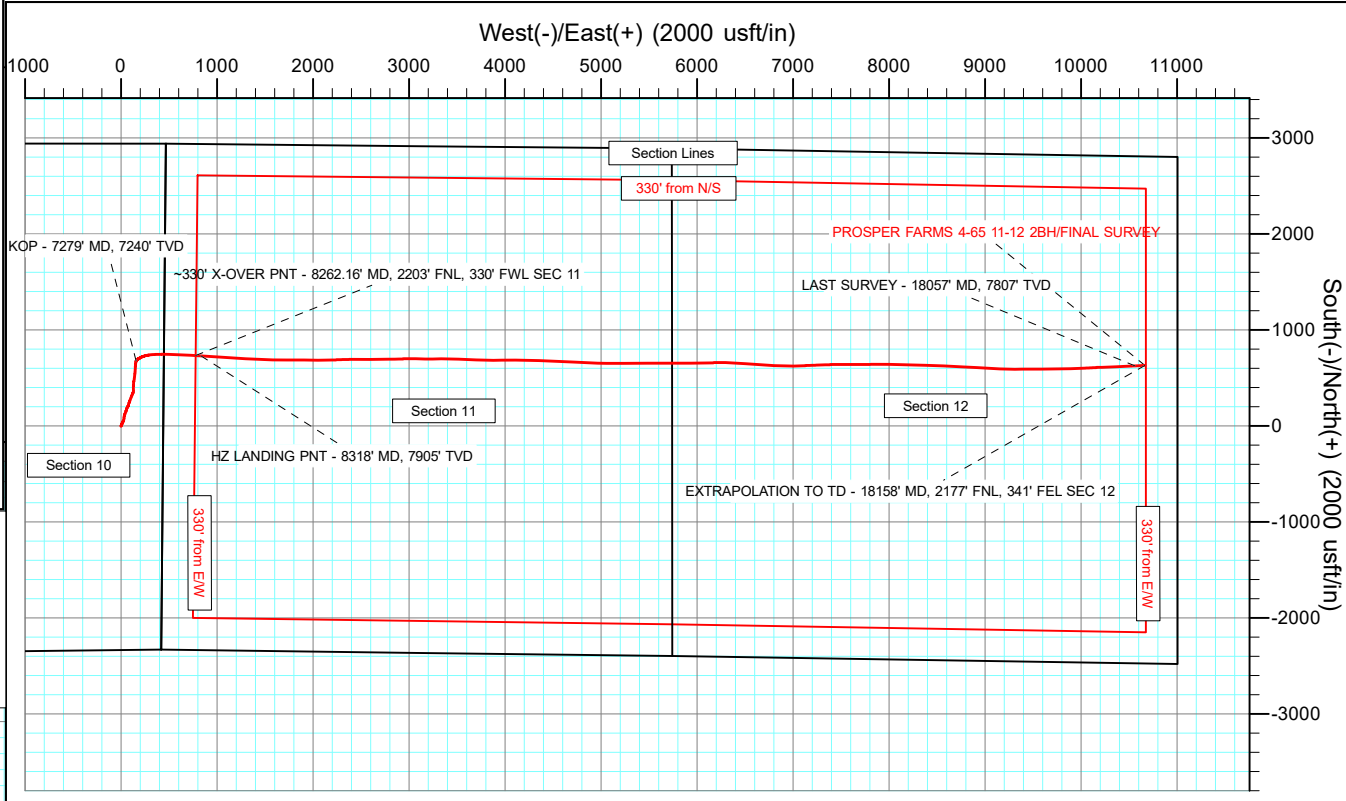
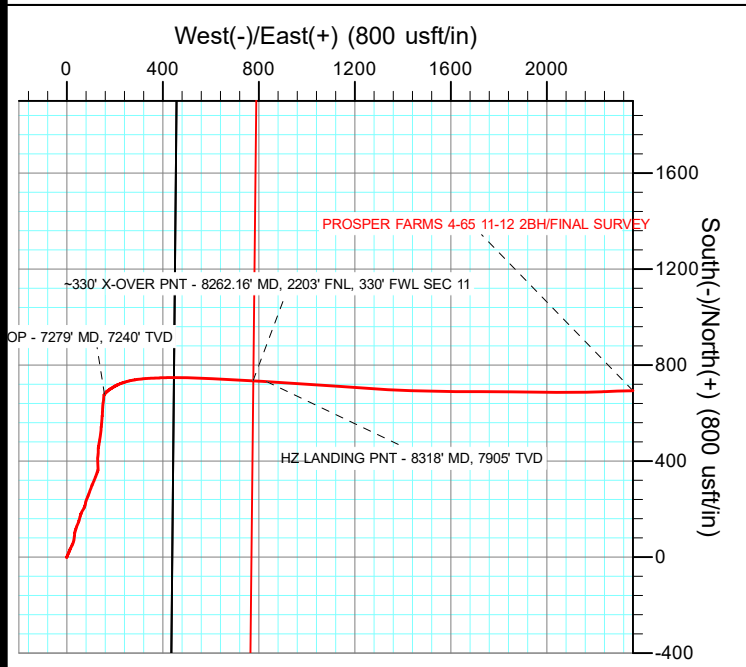
Azimuths to True North
 Magnetic North: 7.61°
 Magnetic Field
 Strength: 51484.8nT
 Dip Angle: 66.08°
 Date: 7/21/2022
 Model: IGRF2020

WELL DETAILS: PROSPER FARMS 4-65 11-12 2BH

| 5684.00 | | | | | | |
|---------|-------|------------|------------|-------------|--------------|------|
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
| 0.00 | 0.00 | 1687386.78 | 3241250.84 | 39.717553°N | 104.642396°W | |

ANNOTATIONS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Vsect | Departure | Annotation |
|----------|-------|-------|---------|--------|----------|----------|-----------|---|
| 7279.00 | 7.02 | 30.79 | 7239.75 | 678.89 | 157.14 | 197.00 | 711.92 | KOP - 7279' MD, 7240' TVD |
| 8262.16 | 83.10 | 93.18 | 7900.12 | 735.24 | 776.69 | 818.80 | 1348.67 | ~330' X-OVER PNT - 8262.16' MD, 2203' FNL, 330' FWL SEC 11 |
| 8318.00 | 87.87 | 93.53 | 7904.52 | 731.98 | 832.25 | 874.07 | 1404.36 | HZ LANDING PNT - 8318' MD, 7905' TVD |
| 18057.00 | 88.54 | 87.58 | 7807.26 | 627.29 | 10563.33 | 10581.94 | 11141.27 | LAST SURVEY - 18057' MD, 7807' TVD |
| 18158.00 | 88.54 | 87.58 | 7809.83 | 631.55 | 10664.21 | 10682.89 | 11242.24 | EXTRAPOLATION TO TD - 18158' MD, 2177' FNL, 341' FEL SEC 12 |



Survey Report

| | |
|---|---|
| Company: CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: Well PROSPER FARMS 4-65 11-12 2BH |
| Project: ARAPAHOE COUNTY | TVD Reference: KB 25' @ 5709.00usft |
| Site: SEC 10-T4S-R65W | MD Reference: KB 25' @ 5709.00usft |
| Well: PROSPER FARMS 4-65 11-12 2BH | North Reference: True |
| Wellbore: OWB | Survey Calculation Method: Minimum Curvature |
| Design: FINAL SURVEY | Database: EDT_32Bit_ODBC |

| | | |
|---|----------------------|-----------------------------|
| Project ARAPAHOE COUNTY | | |
| Map System: US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: North American Datum 1983 | | |
| Map Zone: Colorado Central Zone | | Using geodetic scale factor |

| | | |
|--|------------------------------------|---------------------------------|
| Site SEC 10-T4S-R65W | | |
| Site Position: | Northing: 1,685,061.36 usft | Latitude: 39.711158°N |
| From: Lat/Long | Easting: 3,241,690.88 usft | Longitude: 104.640910°W |
| Position Uncertainty: 0.00 usft | Slot Radius: 13.200 in | Grid Convergence: 0.54 ° |

| | | |
|--|------------------------------------|------------------------------------|
| Well PROSPER FARMS 4-65 11-12 2BH | | |
| Well Position +N/-S 0.00 usft | Northing: 1,687,386.77 usft | Latitude: 39.717553°N |
| +E/-W 0.00 usft | Easting: 3,241,250.84 usft | Longitude: 104.642396°W |
| Position Uncertainty 0.00 usft | Wellhead Elevation: usft | Ground Level: 5,684.00 usft |

| Wellbore OWB | | | | | |
|---------------------|------------|-------------|-----------------|---------------|---------------------|
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2020 | 7/21/2022 | 7.61 | 66.08 | 51,484.79067031 |

| Design FINAL SURVEY | | | | | |
|----------------------------|-------------------------|----------------------|--------------|---------------|--|
| Audit Notes: | | | | | |
| Version: 1.0 | Phase: ACTUAL | Tie On Depth: | 0.00 | | |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 0.00 | 0.00 | 0.00 | 86.61 | |

| Survey Program | | Date 1/4/2023 | | |
|-----------------------|-----------|----------------------|-----------|---------------------|
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description |
| 182.00 | 3,392.00 | SURFACE SURVEY (OWB) | MWD OWSG | OWSG MWD - Standard |
| 3,505.00 | 18,158.00 | FINAL SURVEY (OWB) | MWD OWSG | OWSG MWD - Standard |

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 182.00 | 0.50 | 285.10 | 182.00 | 0.21 | -0.77 | -0.75 | 0.27 | 0.27 | 0.00 |
| 287.00 | 0.40 | 171.30 | 287.00 | -0.04 | -1.15 | -1.15 | 0.72 | -0.10 | -108.38 |
| 377.00 | 0.50 | 144.60 | 376.99 | -0.67 | -0.88 | -0.92 | 0.25 | 0.11 | -29.67 |
| 469.00 | 0.70 | 75.90 | 468.99 | -0.86 | -0.10 | -0.15 | 0.76 | 0.22 | -74.67 |
| 558.00 | 0.90 | 70.90 | 557.98 | -0.50 | 1.09 | 1.06 | 0.24 | 0.22 | -5.62 |
| 648.00 | 1.60 | 348.20 | 647.96 | 0.97 | 1.50 | 1.55 | 1.93 | 0.78 | -91.89 |
| 740.00 | 2.90 | 17.50 | 739.89 | 4.44 | 1.93 | 2.19 | 1.84 | 1.41 | 31.85 |
| 832.00 | 4.20 | 25.00 | 831.72 | 9.72 | 4.06 | 4.63 | 1.50 | 1.41 | 8.15 |
| 924.00 | 5.40 | 23.40 | 923.39 | 16.74 | 7.20 | 8.18 | 1.31 | 1.30 | -1.74 |

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well PROSPER FARMS 4-65 11-12 2BH |
| Project: | ARAPAHOE COUNTY | TVD Reference: | KB 25' @ 5709.00usft |
| Site: | SEC 10-T4S-R65W | MD Reference: | KB 25' @ 5709.00usft |
| Well: | PROSPER FARMS 4-65 11-12 2BH | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL SURVEY | Database: | EDT_32Bit_ODBC |

| Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 1,016.00 | 6.50 | 21.80 | 1,014.89 | 25.55 | 10.86 | 12.35 | 1.21 | 1.20 | -1.74 | |
| 1,105.00 | 7.90 | 24.50 | 1,103.19 | 35.79 | 15.26 | 17.35 | 1.62 | 1.57 | 3.03 | |
| 1,197.00 | 7.30 | 28.90 | 1,194.38 | 46.66 | 20.71 | 23.43 | 0.91 | -0.65 | 4.78 | |
| 1,289.00 | 7.90 | 20.80 | 1,285.58 | 57.69 | 25.78 | 29.14 | 1.33 | 0.65 | -8.80 | |
| 1,377.00 | 8.50 | 13.20 | 1,372.68 | 69.68 | 29.41 | 33.48 | 1.41 | 0.68 | -8.64 | |
| 1,468.00 | 6.50 | 5.70 | 1,462.90 | 81.35 | 31.46 | 36.21 | 2.44 | -2.20 | -8.24 | |
| 1,557.00 | 4.10 | 3.70 | 1,551.51 | 89.54 | 32.17 | 37.40 | 2.70 | -2.70 | -2.25 | |
| 1,649.00 | 3.90 | 2.70 | 1,643.29 | 95.95 | 32.53 | 38.14 | 0.23 | -0.22 | -1.09 | |
| 1,740.00 | 5.00 | 14.90 | 1,734.01 | 102.87 | 33.69 | 39.71 | 1.59 | 1.21 | 13.41 | |
| 1,830.00 | 5.60 | 17.10 | 1,823.63 | 110.86 | 35.99 | 42.48 | 0.70 | 0.67 | 2.44 | |
| 1,922.00 | 7.30 | 17.40 | 1,915.04 | 120.73 | 39.06 | 46.13 | 1.85 | 1.85 | 0.33 | |
| 2,014.00 | 8.10 | 22.30 | 2,006.21 | 132.30 | 43.27 | 51.01 | 1.12 | 0.87 | 5.33 | |
| 2,104.00 | 8.30 | 22.60 | 2,095.29 | 144.17 | 48.17 | 56.61 | 0.23 | 0.22 | 0.33 | |
| 2,195.00 | 7.00 | 14.70 | 2,185.48 | 155.59 | 52.10 | 61.21 | 1.83 | -1.43 | -8.68 | |
| 2,283.00 | 6.60 | 15.40 | 2,272.87 | 165.66 | 54.80 | 64.50 | 0.46 | -0.45 | 0.80 | |
| 2,374.00 | 7.50 | 16.10 | 2,363.18 | 176.40 | 57.84 | 68.17 | 0.99 | 0.99 | 0.77 | |
| 2,462.00 | 8.00 | 28.30 | 2,450.38 | 187.32 | 62.34 | 73.30 | 1.95 | 0.57 | 13.86 | |
| 2,554.00 | 8.10 | 30.70 | 2,541.47 | 198.53 | 68.68 | 80.30 | 0.38 | 0.11 | 2.61 | |
| 2,644.00 | 7.70 | 22.20 | 2,630.62 | 209.56 | 74.19 | 86.45 | 1.37 | -0.44 | -9.44 | |
| 2,736.00 | 7.00 | 9.20 | 2,721.87 | 220.80 | 77.42 | 90.34 | 1.96 | -0.76 | -14.13 | |
| 2,827.00 | 7.10 | 15.60 | 2,812.18 | 231.69 | 79.82 | 93.38 | 0.87 | 0.11 | 7.03 | |
| 2,920.00 | 7.50 | 21.30 | 2,904.43 | 242.88 | 83.57 | 97.78 | 0.89 | 0.43 | 6.13 | |
| 3,013.00 | 6.90 | 25.10 | 2,996.70 | 253.60 | 88.14 | 102.98 | 0.82 | -0.65 | 4.09 | |
| 3,104.00 | 7.70 | 18.60 | 3,086.96 | 264.32 | 92.41 | 107.87 | 1.26 | 0.88 | -7.14 | |
| 3,197.00 | 8.00 | 20.50 | 3,179.09 | 276.29 | 96.66 | 112.83 | 0.43 | 0.32 | 2.04 | |
| 3,290.00 | 7.50 | 20.80 | 3,271.24 | 288.03 | 101.08 | 117.93 | 0.54 | -0.54 | 0.32 | |
| 3,380.00 | 7.70 | 21.10 | 3,360.45 | 299.14 | 105.34 | 122.84 | 0.23 | 0.22 | 0.33 | |
| 3,392.00 | 7.30 | 23.40 | 3,372.35 | 300.59 | 105.93 | 123.52 | 4.17 | -3.33 | 19.17 | |
| 3,505.00 | 7.77 | 22.95 | 3,484.37 | 314.22 | 111.76 | 130.14 | 0.42 | 0.42 | -0.40 | |
| 3,695.00 | 6.36 | 20.83 | 3,672.92 | 335.88 | 120.51 | 140.16 | 0.75 | -0.74 | -1.12 | |
| 3,884.00 | 5.05 | 19.77 | 3,860.98 | 353.49 | 127.05 | 147.72 | 0.70 | -0.69 | -0.56 | |
| 3,979.00 | 4.31 | 19.54 | 3,955.67 | 360.79 | 129.66 | 150.76 | 0.78 | -0.78 | -0.24 | |
| 4,073.00 | 5.00 | 358.71 | 4,049.36 | 368.22 | 130.75 | 152.29 | 1.93 | 0.73 | -22.16 | |
| 4,263.00 | 3.50 | 353.50 | 4,238.84 | 382.26 | 129.90 | 152.27 | 0.81 | -0.79 | -2.74 | |
| 4,358.00 | 5.95 | 358.15 | 4,333.51 | 390.06 | 129.42 | 152.25 | 2.61 | 2.58 | 4.89 | |
| 4,452.00 | 5.27 | 356.95 | 4,427.05 | 399.24 | 129.03 | 152.41 | 0.73 | -0.72 | -1.28 | |
| 4,547.00 | 4.58 | 356.76 | 4,521.70 | 407.38 | 128.58 | 152.44 | 0.73 | -0.73 | -0.20 | |
| 4,642.00 | 6.34 | 9.21 | 4,616.27 | 416.35 | 129.21 | 153.59 | 2.22 | 1.85 | 13.11 | |
| 4,738.00 | 5.51 | 7.20 | 4,711.76 | 426.16 | 130.63 | 155.60 | 0.89 | -0.86 | -2.09 | |
| 4,832.00 | 4.22 | 2.47 | 4,805.42 | 434.09 | 131.35 | 156.78 | 1.44 | -1.37 | -5.03 | |
| 4,927.00 | 6.32 | 0.09 | 4,900.01 | 442.81 | 131.51 | 157.45 | 2.22 | 2.21 | -2.51 | |
| 5,022.00 | 5.52 | 2.13 | 4,994.50 | 452.61 | 131.68 | 158.21 | 0.87 | -0.84 | 2.15 | |
| 5,117.00 | 7.70 | 10.81 | 5,088.87 | 463.42 | 133.05 | 160.21 | 2.52 | 2.29 | 9.14 | |

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well PROSPER FARMS 4-65 11-12 2BH |
| Project: | ARAPAHOE COUNTY | TVD Reference: | KB 25' @ 5709.00usft |
| Site: | SEC 10-T4S-R65W | MD Reference: | KB 25' @ 5709.00usft |
| Well: | PROSPER FARMS 4-65 11-12 2BH | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL SURVEY | Database: | EDT_32Bit_ODBC |

| Survey | | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 5,308.00 | 5.64 | 7.24 | 5,278.57 | 485.31 | 136.63 | 165.08 | 1.10 | -1.08 | -1.87 | |
| 5,402.00 | 7.37 | 10.41 | 5,371.96 | 495.82 | 138.30 | 167.37 | 1.88 | 1.84 | 3.37 | |
| 5,593.00 | 6.60 | 7.25 | 5,561.54 | 518.76 | 141.90 | 172.32 | 0.45 | -0.40 | -1.65 | |
| 5,688.00 | 5.87 | 4.83 | 5,655.98 | 529.01 | 143.00 | 174.02 | 0.82 | -0.77 | -2.55 | |
| 5,783.00 | 5.49 | 3.37 | 5,750.51 | 538.39 | 143.68 | 175.25 | 0.43 | -0.40 | -1.54 | |
| 5,878.00 | 4.68 | 2.88 | 5,845.14 | 546.80 | 144.14 | 176.21 | 0.85 | -0.85 | -0.52 | |
| 5,973.00 | 6.13 | 6.60 | 5,939.71 | 555.71 | 144.92 | 177.51 | 1.57 | 1.53 | 3.92 | |
| 6,068.00 | 5.58 | 5.40 | 6,034.22 | 565.35 | 145.93 | 179.10 | 0.59 | -0.58 | -1.26 | |
| 6,259.00 | 4.54 | 4.93 | 6,224.47 | 582.12 | 147.46 | 181.61 | 0.54 | -0.54 | -0.25 | |
| 6,354.00 | 6.45 | 3.20 | 6,319.03 | 591.20 | 148.08 | 182.77 | 2.02 | 2.01 | -1.82 | |
| 6,449.00 | 5.88 | 2.42 | 6,413.48 | 601.39 | 148.58 | 183.87 | 0.61 | -0.60 | -0.82 | |
| 6,544.00 | 4.67 | 2.07 | 6,508.07 | 610.11 | 148.93 | 184.73 | 1.27 | -1.27 | -0.37 | |
| 6,638.00 | 5.69 | 5.46 | 6,601.69 | 618.58 | 149.51 | 185.82 | 1.13 | 1.09 | 3.61 | |
| 6,733.00 | 4.63 | 3.46 | 6,696.30 | 627.09 | 150.19 | 187.00 | 1.13 | -1.12 | -2.11 | |
| 6,828.00 | 6.27 | 5.78 | 6,790.87 | 636.08 | 150.94 | 188.28 | 1.74 | 1.73 | 2.44 | |
| 6,923.00 | 5.55 | 7.68 | 6,885.37 | 645.79 | 152.08 | 189.99 | 0.79 | -0.76 | 2.00 | |
| 7,018.00 | 4.36 | 7.55 | 6,980.01 | 653.93 | 153.17 | 191.56 | 1.25 | -1.25 | -0.14 | |
| 7,113.00 | 6.30 | 4.28 | 7,074.59 | 662.71 | 154.03 | 192.94 | 2.07 | 2.04 | -3.44 | |
| 7,208.00 | 5.03 | 3.95 | 7,169.13 | 672.06 | 154.71 | 194.17 | 1.34 | -1.34 | -0.35 | |
| 7,279.00 | 7.02 | 30.79 | 7,239.75 | 678.89 | 157.14 | 197.00 | 4.78 | 2.80 | 37.80 | |
| KOP - 7279' MD, 7240' TVD | | | | | | | | | | |
| 7,303.00 | 7.91 | 36.37 | 7,263.54 | 681.48 | 158.87 | 198.88 | 4.78 | 3.71 | 23.26 | |
| 7,399.00 | 16.91 | 52.81 | 7,357.23 | 695.27 | 173.95 | 214.74 | 9.98 | 9.37 | 17.12 | |
| 7,494.00 | 23.31 | 60.69 | 7,446.41 | 712.85 | 201.38 | 243.17 | 7.30 | 6.74 | 8.29 | |
| 7,589.00 | 32.79 | 72.90 | 7,530.22 | 729.66 | 242.48 | 285.19 | 11.62 | 9.98 | 12.85 | |
| 7,684.00 | 39.50 | 82.86 | 7,606.96 | 741.01 | 297.16 | 340.44 | 9.37 | 7.06 | 10.48 | |
| 7,780.00 | 41.53 | 87.60 | 7,679.95 | 746.14 | 359.27 | 402.75 | 3.84 | 2.11 | 4.94 | |
| 7,874.00 | 48.27 | 88.75 | 7,746.50 | 748.21 | 425.55 | 469.04 | 7.22 | 7.17 | 1.22 | |
| 7,969.00 | 60.04 | 91.72 | 7,802.04 | 747.74 | 502.40 | 545.73 | 12.64 | 12.39 | 3.13 | |
| 8,063.00 | 67.97 | 93.36 | 7,843.21 | 743.96 | 586.74 | 629.69 | 8.58 | 8.44 | 1.74 | |
| 8,158.00 | 70.66 | 91.96 | 7,876.77 | 739.85 | 675.51 | 718.07 | 3.15 | 2.83 | -1.47 | |
| 8,254.00 | 82.40 | 93.13 | 7,899.09 | 735.69 | 768.61 | 810.76 | 12.29 | 12.23 | 1.22 | |
| 8,262.16 | 83.10 | 93.18 | 7,900.12 | 735.24 | 776.69 | 818.80 | 8.57 | 8.55 | 0.63 | |
| -330' X-OVER PNT - 8262.16' MD, 2203' FNL, 330' FWL SEC 11 | | | | | | | | | | |
| 8,318.00 | 87.87 | 93.53 | 7,904.52 | 731.98 | 832.25 | 874.07 | 8.57 | 8.55 | 0.62 | |
| HZ LANDING PNT - 8318' MD, 7905' TVD | | | | | | | | | | |
| 8,349.00 | 90.52 | 93.72 | 7,904.95 | 730.02 | 863.18 | 904.83 | 8.57 | 8.55 | 0.62 | |
| 8,444.00 | 90.24 | 93.88 | 7,904.32 | 723.73 | 957.97 | 999.08 | 0.34 | -0.29 | 0.17 | |
| 8,540.00 | 90.35 | 94.18 | 7,903.83 | 716.98 | 1,053.73 | 1,094.27 | 0.33 | 0.11 | 0.31 | |
| 8,730.00 | 91.67 | 94.01 | 7,900.48 | 703.42 | 1,243.21 | 1,282.62 | 0.70 | 0.69 | -0.09 | |
| 8,825.00 | 88.57 | 92.37 | 7,900.28 | 698.13 | 1,338.05 | 1,376.98 | 3.69 | -3.26 | -1.73 | |
| 8,920.00 | 87.71 | 92.29 | 7,903.36 | 694.27 | 1,432.92 | 1,471.46 | 0.91 | -0.91 | -0.08 | |
| 9,013.00 | 88.96 | 90.85 | 7,906.06 | 691.72 | 1,525.84 | 1,564.07 | 2.05 | 1.34 | -1.55 | |
| 9,108.00 | 88.25 | 91.03 | 7,908.38 | 690.17 | 1,620.80 | 1,658.77 | 0.77 | -0.75 | 0.19 | |

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well PROSPER FARMS 4-65 11-12 2BH |
| Project: | ARAPAHOE COUNTY | TVD Reference: | KB 25' @ 5709.00usft |
| Site: | SEC 10-T4S-R65W | MD Reference: | KB 25' @ 5709.00usft |
| Well: | PROSPER FARMS 4-65 11-12 2BH | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL SURVEY | Database: | EDT_32Bit_ODBC |

| Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 9,203.00 | 90.30 | 89.59 | 7,909.58 | 689.65 | 1,715.78 | 1,753.55 | 2.64 | 2.16 | -1.52 | |
| 9,298.00 | 90.89 | 90.32 | 7,908.59 | 689.73 | 1,810.78 | 1,848.38 | 0.99 | 0.62 | 0.77 | |
| 9,394.00 | 90.56 | 90.81 | 7,907.38 | 688.78 | 1,906.76 | 1,944.15 | 0.62 | -0.34 | 0.51 | |
| 9,488.00 | 90.44 | 91.36 | 7,906.56 | 687.00 | 2,000.74 | 2,037.86 | 0.60 | -0.13 | 0.59 | |
| 9,582.00 | 91.14 | 89.25 | 7,905.26 | 686.50 | 2,094.73 | 2,131.65 | 2.36 | 0.74 | -2.24 | |
| 9,677.00 | 90.61 | 88.45 | 7,903.81 | 688.41 | 2,189.70 | 2,226.56 | 1.01 | -0.56 | -0.84 | |
| 9,772.00 | 89.69 | 87.81 | 7,903.56 | 691.51 | 2,284.64 | 2,321.53 | 1.18 | -0.97 | -0.67 | |
| 9,898.00 | 92.14 | 89.45 | 7,901.55 | 694.52 | 2,410.58 | 2,447.42 | 2.34 | 1.94 | 1.30 | |
| 9,993.00 | 91.56 | 89.63 | 7,898.48 | 695.28 | 2,505.52 | 2,542.25 | 0.64 | -0.61 | 0.19 | |
| 10,088.00 | 91.49 | 89.98 | 7,895.96 | 695.60 | 2,600.49 | 2,637.06 | 0.38 | -0.07 | 0.37 | |
| 10,182.00 | 90.75 | 90.23 | 7,894.12 | 695.43 | 2,694.47 | 2,730.87 | 0.83 | -0.79 | 0.27 | |
| 10,276.00 | 90.45 | 89.01 | 7,893.13 | 696.06 | 2,788.46 | 2,824.73 | 1.34 | -0.32 | -1.30 | |
| 10,371.00 | 89.86 | 87.94 | 7,892.88 | 698.58 | 2,883.43 | 2,919.68 | 1.29 | -0.62 | -1.13 | |
| 10,465.00 | 90.85 | 89.96 | 7,892.29 | 700.31 | 2,977.40 | 3,013.60 | 2.39 | 1.05 | 2.15 | |
| 10,559.00 | 90.72 | 90.19 | 7,891.01 | 700.18 | 3,071.39 | 3,107.41 | 0.28 | -0.14 | 0.24 | |
| 10,654.00 | 90.32 | 90.28 | 7,890.14 | 699.79 | 3,166.39 | 3,202.22 | 0.43 | -0.42 | 0.09 | |
| 10,749.00 | 90.02 | 89.68 | 7,889.86 | 699.83 | 3,261.39 | 3,297.06 | 0.71 | -0.32 | -0.63 | |
| 10,844.00 | 89.51 | 89.73 | 7,890.25 | 700.32 | 3,356.39 | 3,391.92 | 0.54 | -0.54 | 0.05 | |
| 10,938.00 | 91.28 | 92.04 | 7,889.60 | 698.86 | 3,450.36 | 3,485.64 | 3.10 | 1.88 | 2.46 | |
| 11,034.00 | 90.79 | 92.07 | 7,887.87 | 695.42 | 3,546.28 | 3,581.19 | 0.51 | -0.51 | 0.03 | |
| 11,128.00 | 90.67 | 92.65 | 7,886.67 | 691.55 | 3,640.20 | 3,674.71 | 0.63 | -0.13 | 0.62 | |
| 11,224.00 | 91.29 | 91.40 | 7,885.03 | 688.16 | 3,736.12 | 3,770.27 | 1.45 | 0.65 | -1.30 | |
| 11,318.00 | 91.48 | 91.20 | 7,882.76 | 686.03 | 3,830.07 | 3,863.93 | 0.29 | 0.20 | -0.21 | |
| 11,413.00 | 89.75 | 89.40 | 7,881.74 | 685.53 | 3,925.05 | 3,958.72 | 2.63 | -1.82 | -1.89 | |
| 11,507.00 | 90.48 | 89.02 | 7,881.55 | 686.83 | 4,019.04 | 4,052.62 | 0.88 | 0.78 | -0.40 | |
| 11,602.00 | 93.17 | 91.09 | 7,878.52 | 686.74 | 4,113.98 | 4,147.38 | 3.57 | 2.83 | 2.18 | |
| 11,697.00 | 93.28 | 90.96 | 7,873.18 | 685.04 | 4,208.82 | 4,241.95 | 0.18 | 0.12 | -0.14 | |
| 11,791.00 | 91.66 | 91.41 | 7,869.13 | 683.10 | 4,302.71 | 4,335.56 | 1.79 | -1.72 | 0.48 | |
| 11,886.00 | 90.69 | 91.66 | 7,867.18 | 680.55 | 4,397.65 | 4,430.19 | 1.05 | -1.02 | 0.26 | |
| 11,980.00 | 91.34 | 92.69 | 7,865.52 | 676.99 | 4,491.57 | 4,523.73 | 1.30 | 0.69 | 1.10 | |
| 12,075.00 | 91.49 | 92.52 | 7,863.17 | 672.67 | 4,586.44 | 4,618.18 | 0.24 | 0.16 | -0.18 | |
| 12,171.00 | 90.18 | 92.67 | 7,861.77 | 668.32 | 4,682.33 | 4,713.65 | 1.37 | -1.36 | 0.16 | |
| 12,266.00 | 90.22 | 92.55 | 7,861.44 | 664.00 | 4,777.23 | 4,808.13 | 0.13 | 0.04 | -0.13 | |
| 12,359.00 | 89.90 | 92.66 | 7,861.34 | 659.77 | 4,870.13 | 4,900.62 | 0.36 | -0.34 | 0.12 | |
| 12,454.00 | 89.28 | 92.98 | 7,862.02 | 655.10 | 4,965.01 | 4,995.06 | 0.73 | -0.65 | 0.34 | |
| 12,549.00 | 90.44 | 89.89 | 7,862.25 | 652.72 | 5,059.97 | 5,089.71 | 3.47 | 1.22 | -3.25 | |
| 12,644.00 | 89.68 | 89.32 | 7,862.15 | 653.37 | 5,154.97 | 5,184.58 | 1.00 | -0.80 | -0.60 | |
| 12,738.00 | 92.12 | 90.01 | 7,860.68 | 653.92 | 5,248.95 | 5,278.43 | 2.70 | 2.60 | 0.73 | |
| 12,834.00 | 91.83 | 89.89 | 7,857.37 | 654.01 | 5,344.89 | 5,374.21 | 0.33 | -0.30 | -0.12 | |
| 12,929.00 | 91.96 | 89.78 | 7,854.23 | 654.28 | 5,439.84 | 5,469.00 | 0.18 | 0.14 | -0.12 | |
| 13,024.00 | 92.13 | 89.74 | 7,850.84 | 654.68 | 5,534.78 | 5,563.80 | 0.18 | 0.18 | -0.04 | |
| 13,119.00 | 92.22 | 89.95 | 7,847.23 | 654.94 | 5,629.71 | 5,658.58 | 0.24 | 0.09 | 0.22 | |
| 13,214.00 | 90.49 | 90.38 | 7,844.99 | 654.66 | 5,724.68 | 5,753.37 | 1.88 | -1.82 | 0.45 | |

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well PROSPER FARMS 4-65 11-12 2BH |
| Project: | ARAPAHOE COUNTY | TVD Reference: | KB 25' @ 5709.00usft |
| Site: | SEC 10-T4S-R65W | MD Reference: | KB 25' @ 5709.00usft |
| Well: | PROSPER FARMS 4-65 11-12 2BH | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL SURVEY | Database: | EDT_32Bit_ODBC |

| Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 13,309.00 | 90.50 | 89.66 | 7,844.17 | 654.63 | 5,819.67 | 5,848.19 | 0.76 | 0.01 | -0.76 | |
| 13,405.00 | 91.00 | 89.97 | 7,842.91 | 654.94 | 5,915.66 | 5,944.04 | 0.61 | 0.52 | 0.32 | |
| 13,500.00 | 90.85 | 88.12 | 7,841.37 | 656.52 | 6,010.63 | 6,038.93 | 1.95 | -0.16 | -1.95 | |
| 13,595.00 | 90.52 | 89.35 | 7,840.24 | 658.62 | 6,105.60 | 6,133.86 | 1.34 | -0.35 | 1.29 | |
| 13,689.00 | 89.42 | 87.87 | 7,840.29 | 660.90 | 6,199.57 | 6,227.80 | 1.96 | -1.17 | -1.57 | |
| 13,785.00 | 91.84 | 92.15 | 7,839.23 | 660.88 | 6,295.53 | 6,323.59 | 5.12 | 2.52 | 4.46 | |
| 13,880.00 | 92.24 | 92.51 | 7,835.85 | 657.02 | 6,390.40 | 6,418.06 | 0.57 | 0.42 | 0.38 | |
| 13,975.00 | 90.62 | 93.92 | 7,833.48 | 651.70 | 6,485.21 | 6,512.40 | 2.26 | -1.71 | 1.48 | |
| 14,070.00 | 90.37 | 94.22 | 7,832.66 | 644.95 | 6,579.97 | 6,606.59 | 0.41 | -0.26 | 0.32 | |
| 14,165.00 | 89.80 | 94.47 | 7,832.52 | 637.76 | 6,674.69 | 6,700.72 | 0.66 | -0.60 | 0.26 | |
| 14,260.00 | 88.05 | 94.79 | 7,834.30 | 630.09 | 6,769.36 | 6,794.77 | 1.87 | -1.84 | 0.34 | |
| 14,355.00 | 87.93 | 91.31 | 7,837.63 | 625.04 | 6,864.16 | 6,889.10 | 3.66 | -0.13 | -3.66 | |
| 14,448.00 | 89.86 | 88.63 | 7,839.43 | 625.09 | 6,957.13 | 6,981.91 | 3.55 | 2.08 | -2.88 | |
| 14,543.00 | 89.21 | 88.37 | 7,840.20 | 627.58 | 7,052.09 | 7,076.86 | 0.74 | -0.68 | -0.27 | |
| 14,638.00 | 91.26 | 88.08 | 7,839.81 | 630.52 | 7,147.04 | 7,171.81 | 2.18 | 2.16 | -0.31 | |
| 14,733.00 | 90.71 | 87.55 | 7,838.18 | 634.14 | 7,241.95 | 7,266.78 | 0.80 | -0.58 | -0.56 | |
| 14,828.00 | 90.06 | 87.52 | 7,837.54 | 638.23 | 7,336.86 | 7,361.76 | 0.68 | -0.68 | -0.03 | |
| 14,923.00 | 91.86 | 89.38 | 7,835.95 | 640.79 | 7,431.81 | 7,456.69 | 2.72 | 1.89 | 1.96 | |
| 15,018.00 | 91.82 | 90.03 | 7,832.89 | 641.28 | 7,526.76 | 7,551.50 | 0.69 | -0.04 | 0.68 | |
| 15,113.00 | 90.90 | 90.12 | 7,830.64 | 641.16 | 7,621.73 | 7,646.30 | 0.97 | -0.97 | 0.09 | |
| 15,208.00 | 89.98 | 89.76 | 7,829.91 | 641.26 | 7,716.72 | 7,741.14 | 1.04 | -0.97 | -0.38 | |
| 15,304.00 | 90.48 | 89.25 | 7,829.53 | 642.09 | 7,812.72 | 7,837.01 | 0.74 | 0.52 | -0.53 | |
| 15,399.00 | 90.08 | 88.84 | 7,829.06 | 643.67 | 7,907.70 | 7,931.93 | 0.60 | -0.42 | -0.43 | |
| 15,494.00 | 92.01 | 91.73 | 7,827.33 | 643.20 | 8,002.67 | 8,026.70 | 3.66 | 2.03 | 3.04 | |
| 15,589.00 | 92.63 | 91.77 | 7,823.48 | 640.30 | 8,097.55 | 8,121.24 | 0.65 | 0.65 | 0.04 | |
| 15,683.00 | 91.83 | 91.57 | 7,819.82 | 637.56 | 8,191.44 | 8,214.80 | 0.88 | -0.85 | -0.21 | |
| 15,778.00 | 92.20 | 91.25 | 7,816.48 | 635.23 | 8,286.35 | 8,309.41 | 0.51 | 0.39 | -0.34 | |
| 15,874.00 | 90.79 | 91.71 | 7,813.98 | 632.75 | 8,382.28 | 8,405.03 | 1.54 | -1.47 | 0.48 | |
| 15,968.00 | 91.41 | 91.44 | 7,812.18 | 630.17 | 8,476.23 | 8,498.66 | 0.72 | 0.66 | -0.29 | |
| 16,063.00 | 89.63 | 92.82 | 7,811.31 | 626.64 | 8,571.15 | 8,593.21 | 2.37 | -1.87 | 1.45 | |
| 16,158.00 | 89.61 | 93.05 | 7,811.94 | 621.77 | 8,666.03 | 8,687.63 | 0.24 | -0.02 | 0.24 | |
| 16,253.00 | 89.68 | 93.02 | 7,812.53 | 616.74 | 8,760.89 | 8,782.03 | 0.08 | 0.07 | -0.03 | |
| 16,348.00 | 89.80 | 93.30 | 7,812.96 | 611.50 | 8,855.75 | 8,876.41 | 0.32 | 0.13 | 0.29 | |
| 16,443.00 | 90.07 | 93.04 | 7,813.07 | 606.25 | 8,950.60 | 8,970.79 | 0.39 | 0.28 | -0.27 | |
| 16,539.00 | 90.16 | 92.85 | 7,812.88 | 601.32 | 9,046.47 | 9,066.20 | 0.22 | 0.09 | -0.20 | |
| 16,633.00 | 89.53 | 93.41 | 7,813.13 | 596.19 | 9,140.33 | 9,159.59 | 0.90 | -0.67 | 0.60 | |
| 16,728.00 | 88.11 | 91.11 | 7,815.09 | 592.44 | 9,235.23 | 9,254.10 | 2.84 | -1.49 | -2.42 | |
| 16,824.00 | 89.25 | 89.68 | 7,817.30 | 591.78 | 9,331.20 | 9,349.86 | 1.90 | 1.19 | -1.49 | |
| 16,918.00 | 90.41 | 89.38 | 7,817.58 | 592.55 | 9,425.19 | 9,443.74 | 1.27 | 1.23 | -0.32 | |
| 17,012.00 | 89.96 | 89.88 | 7,817.28 | 593.16 | 9,519.19 | 9,537.61 | 0.72 | -0.48 | 0.53 | |
| 17,107.00 | 90.91 | 89.22 | 7,816.55 | 593.90 | 9,614.18 | 9,632.48 | 1.22 | 1.00 | -0.69 | |
| 17,203.00 | 90.65 | 89.38 | 7,815.25 | 595.08 | 9,710.17 | 9,728.36 | 0.32 | -0.27 | 0.17 | |
| 17,297.00 | 90.28 | 89.21 | 7,814.49 | 596.23 | 9,804.16 | 9,822.26 | 0.43 | -0.39 | -0.18 | |

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| Company: | CRESTONE PEAK RESOURCES | Local Co-ordinate Reference: | Well PROSPER FARMS 4-65 11-12 2BH |
| Project: | ARAPAHOE COUNTY | TVD Reference: | KB 25' @ 5709.00usft |
| Site: | SEC 10-T4S-R65W | MD Reference: | KB 25' @ 5709.00usft |
| Well: | PROSPER FARMS 4-65 11-12 2BH | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL SURVEY | Database: | EDT_32Bit_ODBC |

| Survey | | | | | | | | | |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 17,392.00 | 91.92 | 88.42 | 7,812.66 | 598.20 | 9,899.11 | 9,917.17 | 1.92 | 1.73 | -0.83 |
| 17,487.00 | 91.51 | 87.76 | 7,809.82 | 601.36 | 9,994.02 | 10,012.09 | 0.82 | -0.43 | -0.69 |
| 17,583.00 | 90.55 | 86.31 | 7,808.09 | 606.33 | 10,089.87 | 10,108.07 | 1.81 | -1.00 | -1.51 |
| 17,677.00 | 91.38 | 88.42 | 7,806.51 | 610.65 | 10,183.75 | 10,202.04 | 2.41 | 0.88 | 2.24 |
| 17,772.00 | 90.89 | 87.82 | 7,804.63 | 613.76 | 10,278.68 | 10,296.99 | 0.82 | -0.52 | -0.63 |
| 17,867.00 | 89.56 | 87.00 | 7,804.25 | 618.06 | 10,373.58 | 10,391.98 | 1.64 | -1.40 | -0.86 |
| 17,962.00 | 89.14 | 87.14 | 7,805.33 | 622.91 | 10,468.45 | 10,486.97 | 0.47 | -0.44 | 0.15 |
| 18,057.00 | 88.54 | 87.58 | 7,807.26 | 627.29 | 10,563.33 | 10,581.94 | 0.78 | -0.63 | 0.46 |
| LAST SURVEY - 18057' MD, 7807' TVD | | | | | | | | | |
| 18,158.00 | 88.54 | 87.58 | 7,809.83 | 631.55 | 10,664.21 | 10,682.89 | 0.00 | 0.00 | 0.00 |
| EXTRAPOLATION TO TD - 18158' MD, 2177' FNL, 341' FEL SEC 12 | | | | | | | | | |

| Design Targets | | | | | | | | | |
|--|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-------------|--------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| PBHL-PF 4-65 11-12 2B - hit/miss target - Shape | 0.00 | 0.00 | 7,795.00 | 598.55 | 10,675.05 | 1,688,086.06 | 3,251,919.70 | 39.719190°N | 104.604448°W |
| - actual wellpath misses target center by 37.77usft at 18158.00usft MD (7809.83 TVD, 631.55 N, 10664.21 E) | | | | | | | | | |
| - Point | | | | | | | | | |
| LP-PF 4-65 11-12 2BH - hit/miss target - Shape | 0.00 | 0.00 | 7,910.00 | 728.19 | 776.69 | 1,688,122.26 | 3,242,020.61 | 39.719552°N | 104.639635°W |
| - actual wellpath misses target center by 12.04usft at 8263.34usft MD (7900.26 TVD, 735.18 N, 777.86 E) | | | | | | | | | |
| - Point | | | | | | | | | |

| Design Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|---|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment | |
| | | +N/-S (usft) | +E/-W (usft) | | |
| 7,279.00 | 7,239.75 | 678.89 | 157.14 | KOP - 7279' MD, 7240' TVD | |
| 8,262.16 | 7,900.12 | 735.24 | 776.69 | ~330' X-OVER PNT - 8262.16' MD, 2203' FNL, 330' FWL SEC 11 | |
| 8,318.00 | 7,904.52 | 731.98 | 832.25 | HZ LANDING PNT - 8318' MD, 7905' TVD | |
| 18,057.00 | 7,807.26 | 627.29 | 10,563.33 | LAST SURVEY - 18057' MD, 7807' TVD | |
| 18,158.00 | 7,809.83 | 631.55 | 10,664.21 | EXTRAPOLATION TO TD - 18158' MD, 2177' FNL, 341' FEL SEC 12 | |

Checked By: _____ Approved By: _____ Date: _____