



Terra Energy Partners, LLP

Rio Blanco County, CO

RG 23-7-297 Pad

RG 514-7-297 - Slot RG 514-7-297

Wellbore #1

Design: Wellbore #1

KLX Survey Certification Report

23 August, 2022



KLX Directional Drilling, INC.

11390 FM 830
Willis, TX 77318
Phone: (936) 856-4332
Fax: (936) 856-8678

**Survey Certification Sheet**

| Company | Job Number | Date |
|------------------------|------------|-----------|
| TEP Rocky Mountain LLC | RM-220744 | 8/23/2022 |

| Lease | Well Name | County & State |
|------------------|-----------------------|----------------|
| Lot 15 7 2S97W 6 | Federal #RG 514-7-297 | Rio Blanco, CO |

| API No. | Survey Depth Range | Survey Type |
|--------------|--------------------------|-------------|
| 05-103-12483 | 234 feet to 1386 feet MD | MWD |

| Sidetrack Information | Directional Supervisor/Surveyor |
|---|---------------------------------|
| Click here to enter text. | Robert Cuevas |

Certification Statement

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by KLX Directional Drilling. This report represents a true and correct directional survey of this well based on the original data obtained at the well site. Wellbore coordinates are calculated using minimum curvature.

Kristopher Ray
Regulatory Compliance Manager
KLX Directional Drilling, Inc.

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------------|
| Company: | Terra Energy Partners, LLP | Local Co-ordinate Reference: | Well RG 514-7-297 - Slot RG 514-7-297 |
| Project: | Rio Blanco County, CO | TVD Reference: | KB=14.5 @ 6617.50usft (Cartel X-15) |
| Site: | RG 23-7-297 Pad | MD Reference: | KB=14.5 @ 6617.50usft (Cartel X-15) |
| Well: | RG 514-7-297 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 Single User Db |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Rio Blanco County, CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | | | |
|-----------------------|-----------|-----------------|-------------------|-------------------|-------------|
| Site | | RG 23-7-297 Pad | | | |
| Site Position: | | Northing: | 1,760,880.90 usft | Latitude: | 39.888499 |
| From: | Map | Easting: | 2,206,203.50 usft | Longitude: | -108.329114 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -1.78 ° |

| | | | | | | |
|----------------------|----------------------------------|-----------|---------------------|-------------------|---------------|---------------|
| Well | RG 514-7-297 - Slot RG 514-7-297 | | | | | |
| Well Position | +N/-S | 0.00 usft | Northing: | 1,760,878.00 usft | Latitude: | 39.888492 |
| | +E/-W | 0.00 usft | Easting: | 2,206,218.20 usft | Longitude: | -108.329061 |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | usft | Ground Level: | 6,603.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2022 | 8/12/2022 | 9.18 | 65.82 | 51,099.40000000 |

| | | | | | |
|--------------------------|-------------------------|---------------|--------------|----------------------|------|
| Design | Wellbore #1 | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W | Direction | |
| | (usft) | (usft) | (usft) | (°) | |
| | 0.00 | 0.00 | 0.00 | 193.57 | |

| | | | | | |
|-----------------------|------------------|-------------------------------|----------------------|---------------------|--|
| Survey Program | Date | 8/23/2022 | | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 234.00 | 1,386.00 | KLX MWD Surveys (Wellbore #1) | OWSG (REV5) MWD HDGM | OWSG MWD - Standard | |

| Survey | | | | | | | |
|---|------------|----------------------|---------------|---------------|---------------|----------------------------|------------------------|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | N/S (usft) | E/W (usft) | Closure Distance (usft) | Closure Azimuth (°) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 234.00 | 1.10 | 200.69 | 233.99 | -2.10 | -0.79 | 2.25 | 200.69 |
| First MWD Survey @ 234.00' MD / 233.99' TVD | | | | | | | |
| 326.00 | 2.99 | 209.13 | 325.92 | -5.02 | -2.27 | 5.51 | 204.35 |
| 413.00 | 5.14 | 212.21 | 412.70 | -10.30 | -5.46 | 11.66 | 207.90 |
| 500.00 | 7.21 | 196.04 | 499.20 | -18.85 | -9.04 | 20.91 | 205.63 |
| 588.00 | 9.23 | 196.12 | 586.29 | -30.94 | -12.53 | 33.38 | 202.05 |
| 675.00 | 10.46 | 196.04 | 672.00 | -45.23 | -16.65 | 48.20 | 200.21 |
| 762.00 | 12.35 | 190.41 | 757.29 | -61.97 | -20.51 | 65.28 | 198.31 |
| 849.00 | 13.05 | 190.32 | 842.16 | -80.79 | -23.95 | 84.26 | 196.51 |
| 936.00 | 13.58 | 192.34 | 926.82 | -100.43 | -27.89 | 104.23 | 195.52 |
| 1,024.00 | 13.40 | 192.61 | 1,012.39 | -120.47 | -32.33 | 124.74 | 195.02 |

| | | | |
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| Survey | | | | | | | | |
|---------------------------------|------------|----------------------|---------------|---------------|---------------|----------------------------|------------------------|--|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | N/S (usft) | E/W (usft) | Closure Distance (usft) | Closure Azimuth (°) | |
| 1,111.00 | 12.43 | 187.42 | 1,097.19 | -139.60 | -35.74 | 144.10 | 194.36 | |
| 1,198.00 | 12.70 | 187.33 | 1,182.11 | -158.37 | -38.17 | 162.90 | 193.55 | |
| 1,286.00 | 13.32 | 195.51 | 1,267.86 | -177.73 | -42.11 | 182.65 | 193.33 | |
| 1,386.00 | 13.32 | 195.51 | 1,365.17 | -199.93 | -48.27 | 205.68 | 193.57 | |
| TD @ 1386.00' MD / 1365.17' TVD | | | | | | | | |

| Design Annotations | | | | | |
|-----------------------------|-----------------------------|-------------------|-----------------|---|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment | |
| | | +N/-S (usft) | +E/-W (usft) | | |
| 234.00 | 233.99 | -2.10 | -0.79 | First MWD Survey @ 234.00' MD / 233.99' TVD | |
| 1,386.00 | 1,365.17 | -199.93 | -48.27 | TD @ 1386.00' MD / 1365.17' TVD | |