

VERDAD RESOURCES

WATTENBERG FIELD

1N-65W-22 FAWN 2734 & 2833 PAD

FAWN 2734-11H

Plan A

Plan: Design #1

Standard Planning Report

30 July, 2022

VERDAD RESOURCES

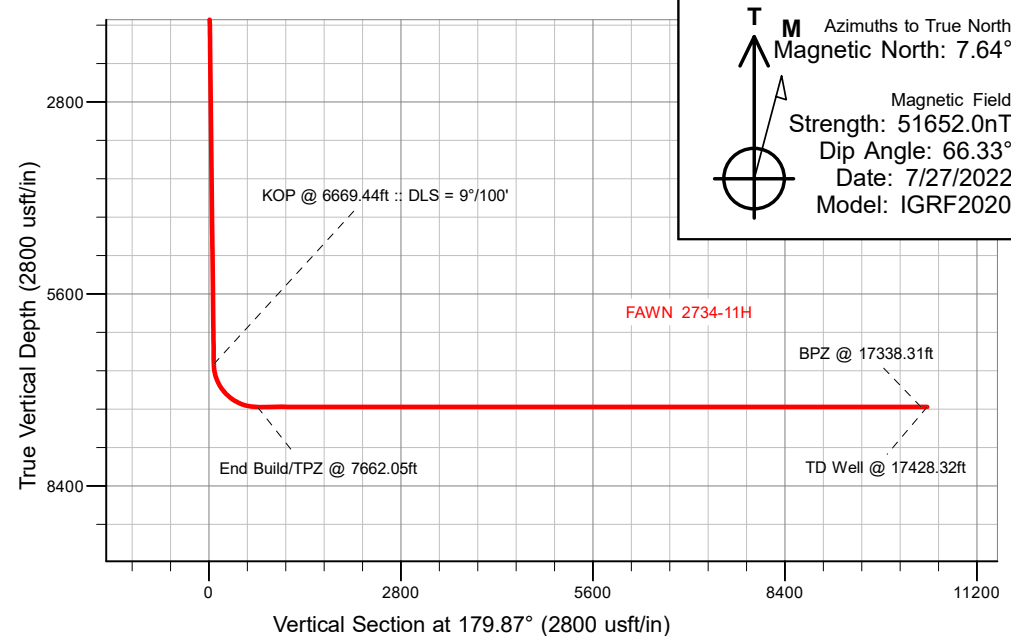
| CASING DETAILS | | | |
|----------------|---------|--------|-------|
| TVD | MD | Name | Size |
| 2250.00 | 2261.92 | 9 5/8" | 9-5/8 |

SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Target |
|----------|-------|--------|---------|-----------|--------|------|-------|----------|------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 399.75 | 0.00 | 0.00 | 399.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 746.25 | 6.93 | 95.39 | 745.41 | -1.97 | 20.84 | 2.00 | 95.39 | 2.01 | |
| 6669.44 | 6.93 | 95.39 | 6625.32 | -69.10 | 732.35 | 0.00 | 0.00 | 70.76 | |
| 7662.05 | 90.00 | 179.87 | 7250.00 | -705.50 | 809.37 | 9.00 | 84.52 | 707.34 | |
| 17428.32 | 90.00 | 179.87 | 7250.00 | -10471.74 | 831.61 | 0.00 | 0.00 | 10473.60 | FAWN 2734-11H BH |

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | Northing | Easting | Latitude | Longitude |
|----------------------|---------|------------|------------|-----------|-------------|
| FAWN 2734-11H_SHL | 0.00 | 1255031.22 | 3237733.90 | 40.030324 | -104.651025 |
| FAWN 2734-11H_LP/TPZ | 7250.00 | 1254333.43 | 3238550.00 | 40.028387 | -104.648135 |
| FAWN 2734-11H_BPZ | 7250.00 | 1244657.92 | 3238664.67 | 40.001824 | -104.648058 |
| FAWN 2734-11H_BHL | 7250.00 | 1244567.92 | 3238665.73 | 40.001577 | -104.648057 |



| |
|--|
| WELL DETAILS: FAWN 2734-11H |
| GL = 5107' |
| RKB = 20' @ 5127.00usft (RIG) |
| Plan: Design #1 (FAWN 2734-11H/Plan A) |
| Date: 7/30/2022 |

Planning Report

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|------------------|--------------------------------|-------------------------------------|-------------------------------|
| Database: | EDM 5000.16 Single User Db | Local Co-ordinate Reference: | Well FAWN 2734-11H |
| Company: | VERDAD RESOURCES | TVD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Project: | WATTENBERG FIELD | MD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Site: | 1N-65W-22 FAWN 2734 & 2833 PAD | North Reference: | True |
| Well: | FAWN 2734-11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Design #1 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | WATTENBERG FIELD | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | | | | |
|-----------------------|----------|--------------------------------|--------------|--------------|------------|-------------|
| Site | | 1N-65W-22 FAWN 2734 & 2833 PAD | | | | |
| Site Position: | | Northing: | 1,255,173.64 | usft | Latitude: | 40.030719 |
| From: | Lat/Long | Easting: | 3,237,589.54 | usft | Longitude: | -104.651536 |
| Position Uncertainty: | | 0.00 | usft | Slot Radius: | 13-3/16 | " |

| Well | | FAWN 2734-11H | | | | |
|----------------------|-------|---------------|---------------------|-------------------|---------------|---------------|
| Well Position | +N/-S | 0.00 usft | Northing: | 1,255,031.22 usft | Latitude: | 40.030324 |
| | +E/-W | 0.00 usft | Easting: | 3,237,733.90 usft | Longitude: | -104.651026 |
| Position Uncertainty | | 3.28 usft | Wellhead Elevation: | usft | Ground Level: | 5,107.00 usft |
| Grid Convergence: | | 0.55 ° | | | | |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Plan A | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF202013 | 7/27/2022 | 7.64 | 66.33 | 51,651.96271624 |

| | | | | | |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| Design | Design #1 | | | | |
| Audit Notes: | | | | | |
| Version: | | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 0.00 | 0.00 | 0.00 | 179.87 | |

| | | | | | |
|---------------------------------|------------------------|--------------------------|--------------------|-------------------------------|--|
| Plan Survey Tool Program | | Date | 7/30/2022 | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks | |
| 1 | 0.00 | 2,250.00 | Design #1 (Plan A) | ISCWSA MWD | |
| | | | | Fixed:v2:standard declination | |
| 2 | 2,250.00 | 17,428.32 | Design #1 (Plan A) | ISCWSA MWD | |
| | | | | Fixed:v2:standard declination | |

Planning Report

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|-----------|--------------------------------|------------------------------|-------------------------------|
| Database: | EDM 5000.16 Single User Db | Local Co-ordinate Reference: | Well FAWN 2734-11H |
| Company: | VERDAD RESOURCES | TVD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Project: | WATTENBERG FIELD | MD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Site: | 1N-65W-22 FAWN 2734 & 2833 PAD | North Reference: | True |
| Well: | FAWN 2734-11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Design #1 | | |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 399.75 | 0.00 | 0.00 | 399.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 746.25 | 6.93 | 95.39 | 745.41 | -1.97 | 20.84 | 2.00 | 2.00 | 0.00 | 95.39 | |
| 6,669.44 | 6.93 | 95.39 | 6,625.32 | -69.10 | 732.35 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,662.05 | 90.00 | 179.87 | 7,250.00 | -705.50 | 809.37 | 9.00 | 8.37 | 8.51 | 84.52 | |
| 17,428.32 | 90.00 | 179.87 | 7,250.00 | -10,471.74 | 831.61 | 0.00 | 0.00 | 0.00 | 0.00 | FAWN 2734-11H_BHI |

Planning Report

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|------------------|--------------------------------|-------------------------------------|-------------------------------|
| Database: | EDM 5000.16 Single User Db | Local Co-ordinate Reference: | Well FAWN 2734-11H |
| Company: | VERDAD RESOURCES | TVD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Project: | WATTENBERG FIELD | MD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Site: | 1N-65W-22 FAWN 2734 & 2833 PAD | North Reference: | True |
| Well: | FAWN 2734-11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|-------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 399.75 | 0.00 | 0.00 | 399.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Begin Nudge @ 399.75ft | | | | | | | | | |
| 500.00 | 2.00 | 95.39 | 499.98 | -0.16 | 1.75 | 0.17 | 2.00 | 2.00 | 0.00 |
| 600.00 | 4.00 | 95.39 | 599.84 | -0.66 | 6.96 | 0.67 | 2.00 | 2.00 | 0.00 |
| 700.00 | 6.00 | 95.39 | 699.45 | -1.48 | 15.65 | 1.51 | 2.00 | 2.00 | 0.00 |
| 746.25 | 6.93 | 95.39 | 745.41 | -1.97 | 20.84 | 2.01 | 2.00 | 2.00 | 0.00 |
| Hold Tangent @ 746.25ft | | | | | | | | | |
| 800.00 | 6.93 | 95.39 | 798.76 | -2.58 | 27.29 | 2.64 | 0.00 | 0.00 | 0.00 |
| 900.00 | 6.93 | 95.39 | 898.03 | -3.71 | 39.31 | 3.80 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 6.93 | 95.39 | 997.30 | -4.84 | 51.32 | 4.96 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 6.93 | 95.39 | 1,096.57 | -5.98 | 63.33 | 6.12 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 6.93 | 95.39 | 1,195.84 | -7.11 | 75.34 | 7.28 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 6.93 | 95.39 | 1,295.11 | -8.24 | 87.35 | 8.44 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 6.93 | 95.39 | 1,394.38 | -9.38 | 99.37 | 9.60 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 6.93 | 95.39 | 1,493.65 | -10.51 | 111.38 | 10.76 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 6.93 | 95.39 | 1,592.92 | -11.64 | 123.39 | 11.92 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 6.93 | 95.39 | 1,692.19 | -12.78 | 135.40 | 13.08 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 6.93 | 95.39 | 1,791.46 | -13.91 | 147.42 | 14.24 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 6.93 | 95.39 | 1,890.73 | -15.04 | 159.43 | 15.40 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 6.93 | 95.39 | 1,990.00 | -16.18 | 171.44 | 16.56 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 6.93 | 95.39 | 2,089.27 | -17.31 | 183.45 | 17.73 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 6.93 | 95.39 | 2,188.54 | -18.44 | 195.47 | 18.89 | 0.00 | 0.00 | 0.00 |
| 2,261.92 | 6.93 | 95.39 | 2,250.00 | -19.14 | 202.90 | 19.60 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 2,300.00 | 6.93 | 95.39 | 2,287.80 | -19.58 | 207.48 | 20.05 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 6.93 | 95.39 | 2,387.07 | -20.71 | 219.49 | 21.21 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 6.93 | 95.39 | 2,486.34 | -21.84 | 231.50 | 22.37 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 6.93 | 95.39 | 2,585.61 | -22.98 | 243.51 | 23.53 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 6.93 | 95.39 | 2,684.88 | -24.11 | 255.53 | 24.69 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 6.93 | 95.39 | 2,784.15 | -25.24 | 267.54 | 25.85 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 6.93 | 95.39 | 2,883.42 | -26.38 | 279.55 | 27.01 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 6.93 | 95.39 | 2,982.69 | -27.51 | 291.56 | 28.17 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 6.93 | 95.39 | 3,081.96 | -28.64 | 303.58 | 29.33 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 6.93 | 95.39 | 3,181.23 | -29.78 | 315.59 | 30.49 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 6.93 | 95.39 | 3,280.50 | -30.91 | 327.60 | 31.65 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 6.93 | 95.39 | 3,379.77 | -32.04 | 339.61 | 32.81 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 6.93 | 95.39 | 3,479.04 | -33.18 | 351.63 | 33.97 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 6.93 | 95.39 | 3,578.31 | -34.31 | 363.64 | 35.13 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 6.93 | 95.39 | 3,677.58 | -35.44 | 375.65 | 36.30 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 6.93 | 95.39 | 3,776.85 | -36.58 | 387.66 | 37.46 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 6.93 | 95.39 | 3,876.12 | -37.71 | 399.68 | 38.62 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 6.93 | 95.39 | 3,975.38 | -38.84 | 411.69 | 39.78 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 6.93 | 95.39 | 4,074.65 | -39.98 | 423.70 | 40.94 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 6.93 | 95.39 | 4,173.92 | -41.11 | 435.71 | 42.10 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 6.93 | 95.39 | 4,273.19 | -42.24 | 447.72 | 43.26 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 6.93 | 95.39 | 4,372.46 | -43.38 | 459.74 | 44.42 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 6.93 | 95.39 | 4,471.73 | -44.51 | 471.75 | 45.58 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 6.93 | 95.39 | 4,571.00 | -45.64 | 483.76 | 46.74 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 6.93 | 95.39 | 4,670.27 | -46.78 | 495.77 | 47.90 | 0.00 | 0.00 | 0.00 |

Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
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| Company: | VERDAD RESOURCES | TVD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Project: | WATTENBERG FIELD | MD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Site: | 1N-65W-22 FAWN 2734 & 2833 PAD | North Reference: | True |
| Well: | FAWN 2734-11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,800.00 | 6.93 | 95.39 | 4,769.54 | -47.91 | 507.79 | 49.06 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 6.93 | 95.39 | 4,868.81 | -49.04 | 519.80 | 50.22 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 6.93 | 95.39 | 4,968.08 | -50.18 | 531.81 | 51.38 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 6.93 | 95.39 | 5,067.35 | -51.31 | 543.82 | 52.54 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 6.93 | 95.39 | 5,166.62 | -52.44 | 555.84 | 53.71 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 6.93 | 95.39 | 5,265.89 | -53.58 | 567.85 | 54.87 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 6.93 | 95.39 | 5,365.16 | -54.71 | 579.86 | 56.03 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 6.93 | 95.39 | 5,464.43 | -55.84 | 591.87 | 57.19 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 6.93 | 95.39 | 5,563.70 | -56.98 | 603.88 | 58.35 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 6.93 | 95.39 | 5,662.97 | -58.11 | 615.90 | 59.51 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 6.93 | 95.39 | 5,762.23 | -59.24 | 627.91 | 60.67 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 6.93 | 95.39 | 5,861.50 | -60.38 | 639.92 | 61.83 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 6.93 | 95.39 | 5,960.77 | -61.51 | 651.93 | 62.99 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 6.93 | 95.39 | 6,060.04 | -62.64 | 663.95 | 64.15 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 6.93 | 95.39 | 6,159.31 | -63.78 | 675.96 | 65.31 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 6.93 | 95.39 | 6,258.58 | -64.91 | 687.97 | 66.47 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 6.93 | 95.39 | 6,357.85 | -66.04 | 699.98 | 67.63 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 6.93 | 95.39 | 6,457.12 | -67.18 | 712.00 | 68.79 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 6.93 | 95.39 | 6,556.39 | -68.31 | 724.01 | 69.95 | 0.00 | 0.00 | 0.00 |
| 6,669.44 | 6.93 | 95.39 | 6,625.32 | -69.10 | 732.35 | 70.76 | 0.00 | 0.00 | 0.00 |
| KOP @ 6669.44ft :: DLS = 9°/100' | | | | | | | | | |
| 6,700.00 | 7.69 | 116.29 | 6,655.64 | -70.18 | 736.02 | 71.85 | 9.00 | 2.50 | 68.40 |
| 6,750.00 | 10.49 | 139.05 | 6,705.02 | -75.10 | 742.00 | 76.78 | 9.00 | 5.58 | 45.51 |
| 6,800.00 | 14.18 | 151.25 | 6,753.87 | -83.91 | 747.93 | 85.60 | 9.00 | 7.38 | 24.41 |
| 6,850.00 | 18.23 | 158.32 | 6,801.88 | -96.55 | 753.77 | 98.26 | 9.00 | 8.11 | 14.13 |
| 6,900.00 | 22.45 | 162.84 | 6,848.75 | -112.95 | 759.48 | 114.67 | 9.00 | 8.44 | 9.05 |
| 6,950.00 | 26.76 | 165.99 | 6,894.20 | -133.00 | 765.02 | 134.74 | 9.00 | 8.61 | 6.28 |
| 7,000.00 | 31.11 | 168.31 | 6,937.95 | -156.58 | 770.37 | 158.33 | 9.00 | 8.72 | 4.64 |
| 7,050.00 | 35.51 | 170.11 | 6,979.73 | -183.55 | 775.49 | 185.31 | 9.00 | 8.78 | 3.60 |
| 7,100.00 | 39.92 | 171.56 | 7,019.28 | -213.74 | 780.34 | 215.51 | 9.00 | 8.82 | 2.90 |
| 7,150.00 | 44.34 | 172.76 | 7,056.35 | -246.96 | 784.90 | 248.74 | 9.00 | 8.85 | 2.41 |
| 7,200.00 | 48.78 | 173.79 | 7,090.72 | -283.01 | 789.14 | 284.80 | 9.00 | 8.88 | 2.05 |
| 7,250.00 | 53.23 | 174.68 | 7,122.17 | -321.66 | 793.03 | 323.46 | 9.00 | 8.89 | 1.79 |
| 7,300.00 | 57.68 | 175.48 | 7,150.52 | -362.68 | 796.56 | 364.49 | 9.00 | 8.90 | 1.60 |
| 7,350.00 | 62.14 | 176.20 | 7,175.58 | -405.82 | 799.69 | 407.63 | 9.00 | 8.91 | 1.45 |
| 7,400.00 | 66.60 | 176.87 | 7,197.21 | -450.80 | 802.41 | 452.62 | 9.00 | 8.92 | 1.33 |
| 7,450.00 | 71.06 | 177.49 | 7,215.26 | -497.36 | 804.70 | 499.19 | 9.00 | 8.92 | 1.24 |
| 7,500.00 | 75.52 | 178.08 | 7,229.63 | -545.20 | 806.54 | 547.03 | 9.00 | 8.93 | 1.18 |
| 7,550.00 | 79.99 | 178.65 | 7,240.23 | -594.03 | 807.94 | 595.86 | 9.00 | 8.93 | 1.13 |
| 7,600.00 | 84.46 | 179.20 | 7,247.00 | -643.55 | 808.87 | 645.38 | 9.00 | 8.93 | 1.10 |
| 7,650.00 | 88.92 | 179.74 | 7,249.89 | -693.45 | 809.33 | 695.29 | 9.00 | 8.93 | 1.09 |
| 7,662.05 | 90.00 | 179.87 | 7,250.00 | -705.50 | 809.37 | 707.34 | 9.00 | 8.93 | 1.08 |
| End Build/TPZ @ 7662.05ft | | | | | | | | | |
| 7,700.00 | 90.00 | 179.87 | 7,250.00 | -743.45 | 809.46 | 745.29 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 90.00 | 179.87 | 7,250.00 | -843.45 | 809.69 | 845.29 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 90.00 | 179.87 | 7,250.00 | -943.45 | 809.91 | 945.29 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 90.00 | 179.87 | 7,250.00 | -1,043.45 | 810.14 | 1,045.29 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 90.00 | 179.87 | 7,250.00 | -1,143.45 | 810.37 | 1,145.29 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 90.00 | 179.87 | 7,250.00 | -1,243.45 | 810.60 | 1,245.29 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 90.00 | 179.87 | 7,250.00 | -1,343.45 | 810.82 | 1,345.29 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 90.00 | 179.87 | 7,250.00 | -1,443.45 | 811.05 | 1,445.29 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 90.00 | 179.87 | 7,250.00 | -1,543.45 | 811.28 | 1,545.29 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 90.00 | 179.87 | 7,250.00 | -1,643.45 | 811.51 | 1,645.29 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 90.00 | 179.87 | 7,250.00 | -1,743.45 | 811.74 | 1,745.29 | 0.00 | 0.00 | 0.00 |

Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| Database: | EDM 5000.16 Single User Db | Local Co-ordinate Reference: | Well FAWN 2734-11H |
| Company: | VERDAD RESOURCES | TVD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Project: | WATTENBERG FIELD | MD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Site: | 1N-65W-22 FAWN 2734 & 2833 PAD | North Reference: | True |
| Well: | FAWN 2734-11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 8,800.00 | 90.00 | 179.87 | 7,250.00 | -1,843.45 | 811.96 | 1,845.29 | 0.00 | 0.00 | 0.00 | |
| 8,900.00 | 90.00 | 179.87 | 7,250.00 | -1,943.45 | 812.19 | 1,945.29 | 0.00 | 0.00 | 0.00 | |
| 9,000.00 | 90.00 | 179.87 | 7,250.00 | -2,043.45 | 812.42 | 2,045.29 | 0.00 | 0.00 | 0.00 | |
| 9,100.00 | 90.00 | 179.87 | 7,250.00 | -2,143.45 | 812.65 | 2,145.29 | 0.00 | 0.00 | 0.00 | |
| 9,200.00 | 90.00 | 179.87 | 7,250.00 | -2,243.45 | 812.87 | 2,245.29 | 0.00 | 0.00 | 0.00 | |
| 9,300.00 | 90.00 | 179.87 | 7,250.00 | -2,343.45 | 813.10 | 2,345.29 | 0.00 | 0.00 | 0.00 | |
| 9,400.00 | 90.00 | 179.87 | 7,250.00 | -2,443.45 | 813.33 | 2,445.29 | 0.00 | 0.00 | 0.00 | |
| 9,500.00 | 90.00 | 179.87 | 7,250.00 | -2,543.45 | 813.56 | 2,545.29 | 0.00 | 0.00 | 0.00 | |
| 9,600.00 | 90.00 | 179.87 | 7,250.00 | -2,643.45 | 813.79 | 2,645.29 | 0.00 | 0.00 | 0.00 | |
| 9,700.00 | 90.00 | 179.87 | 7,250.00 | -2,743.45 | 814.01 | 2,745.29 | 0.00 | 0.00 | 0.00 | |
| 9,800.00 | 90.00 | 179.87 | 7,250.00 | -2,843.45 | 814.24 | 2,845.29 | 0.00 | 0.00 | 0.00 | |
| 9,900.00 | 90.00 | 179.87 | 7,250.00 | -2,943.45 | 814.47 | 2,945.29 | 0.00 | 0.00 | 0.00 | |
| 10,000.00 | 90.00 | 179.87 | 7,250.00 | -3,043.45 | 814.70 | 3,045.29 | 0.00 | 0.00 | 0.00 | |
| 10,100.00 | 90.00 | 179.87 | 7,250.00 | -3,143.44 | 814.92 | 3,145.29 | 0.00 | 0.00 | 0.00 | |
| 10,200.00 | 90.00 | 179.87 | 7,250.00 | -3,243.44 | 815.15 | 3,245.29 | 0.00 | 0.00 | 0.00 | |
| 10,300.00 | 90.00 | 179.87 | 7,250.00 | -3,343.44 | 815.38 | 3,345.29 | 0.00 | 0.00 | 0.00 | |
| 10,400.00 | 90.00 | 179.87 | 7,250.00 | -3,443.44 | 815.61 | 3,445.29 | 0.00 | 0.00 | 0.00 | |
| 10,500.00 | 90.00 | 179.87 | 7,250.00 | -3,543.44 | 815.84 | 3,545.29 | 0.00 | 0.00 | 0.00 | |
| 10,600.00 | 90.00 | 179.87 | 7,250.00 | -3,643.44 | 816.06 | 3,645.29 | 0.00 | 0.00 | 0.00 | |
| 10,700.00 | 90.00 | 179.87 | 7,250.00 | -3,743.44 | 816.29 | 3,745.29 | 0.00 | 0.00 | 0.00 | |
| 10,800.00 | 90.00 | 179.87 | 7,250.00 | -3,843.44 | 816.52 | 3,845.29 | 0.00 | 0.00 | 0.00 | |
| 10,900.00 | 90.00 | 179.87 | 7,250.00 | -3,943.44 | 816.75 | 3,945.29 | 0.00 | 0.00 | 0.00 | |
| 11,000.00 | 90.00 | 179.87 | 7,250.00 | -4,043.44 | 816.97 | 4,045.29 | 0.00 | 0.00 | 0.00 | |
| 11,100.00 | 90.00 | 179.87 | 7,250.00 | -4,143.44 | 817.20 | 4,145.29 | 0.00 | 0.00 | 0.00 | |
| 11,200.00 | 90.00 | 179.87 | 7,250.00 | -4,243.44 | 817.43 | 4,245.29 | 0.00 | 0.00 | 0.00 | |
| 11,300.00 | 90.00 | 179.87 | 7,250.00 | -4,343.44 | 817.66 | 4,345.29 | 0.00 | 0.00 | 0.00 | |
| 11,400.00 | 90.00 | 179.87 | 7,250.00 | -4,443.44 | 817.88 | 4,445.29 | 0.00 | 0.00 | 0.00 | |
| 11,500.00 | 90.00 | 179.87 | 7,250.00 | -4,543.44 | 818.11 | 4,545.29 | 0.00 | 0.00 | 0.00 | |
| 11,600.00 | 90.00 | 179.87 | 7,250.00 | -4,643.44 | 818.34 | 4,645.29 | 0.00 | 0.00 | 0.00 | |
| 11,700.00 | 90.00 | 179.87 | 7,250.00 | -4,743.44 | 818.57 | 4,745.29 | 0.00 | 0.00 | 0.00 | |
| 11,800.00 | 90.00 | 179.87 | 7,250.00 | -4,843.44 | 818.80 | 4,845.29 | 0.00 | 0.00 | 0.00 | |
| 11,900.00 | 90.00 | 179.87 | 7,250.00 | -4,943.44 | 819.02 | 4,945.29 | 0.00 | 0.00 | 0.00 | |
| 12,000.00 | 90.00 | 179.87 | 7,250.00 | -5,043.44 | 819.25 | 5,045.29 | 0.00 | 0.00 | 0.00 | |
| 12,100.00 | 90.00 | 179.87 | 7,250.00 | -5,143.44 | 819.48 | 5,145.29 | 0.00 | 0.00 | 0.00 | |
| 12,200.00 | 90.00 | 179.87 | 7,250.00 | -5,243.44 | 819.71 | 5,245.29 | 0.00 | 0.00 | 0.00 | |
| 12,300.00 | 90.00 | 179.87 | 7,250.00 | -5,343.44 | 819.93 | 5,345.29 | 0.00 | 0.00 | 0.00 | |
| 12,400.00 | 90.00 | 179.87 | 7,250.00 | -5,443.44 | 820.16 | 5,445.29 | 0.00 | 0.00 | 0.00 | |
| 12,500.00 | 90.00 | 179.87 | 7,250.00 | -5,543.44 | 820.39 | 5,545.29 | 0.00 | 0.00 | 0.00 | |
| 12,600.00 | 90.00 | 179.87 | 7,250.00 | -5,643.44 | 820.62 | 5,645.29 | 0.00 | 0.00 | 0.00 | |
| 12,700.00 | 90.00 | 179.87 | 7,250.00 | -5,743.44 | 820.85 | 5,745.29 | 0.00 | 0.00 | 0.00 | |
| 12,800.00 | 90.00 | 179.87 | 7,250.00 | -5,843.44 | 821.07 | 5,845.29 | 0.00 | 0.00 | 0.00 | |
| 12,900.00 | 90.00 | 179.87 | 7,250.00 | -5,943.44 | 821.30 | 5,945.29 | 0.00 | 0.00 | 0.00 | |
| 13,000.00 | 90.00 | 179.87 | 7,250.00 | -6,043.44 | 821.53 | 6,045.29 | 0.00 | 0.00 | 0.00 | |
| 13,100.00 | 90.00 | 179.87 | 7,250.00 | -6,143.44 | 821.76 | 6,145.29 | 0.00 | 0.00 | 0.00 | |
| 13,200.00 | 90.00 | 179.87 | 7,250.00 | -6,243.44 | 821.98 | 6,245.29 | 0.00 | 0.00 | 0.00 | |
| 13,300.00 | 90.00 | 179.87 | 7,250.00 | -6,343.44 | 822.21 | 6,345.29 | 0.00 | 0.00 | 0.00 | |
| 13,400.00 | 90.00 | 179.87 | 7,250.00 | -6,443.44 | 822.44 | 6,445.29 | 0.00 | 0.00 | 0.00 | |
| 13,500.00 | 90.00 | 179.87 | 7,250.00 | -6,543.44 | 822.67 | 6,545.29 | 0.00 | 0.00 | 0.00 | |
| 13,600.00 | 90.00 | 179.87 | 7,250.00 | -6,643.44 | 822.89 | 6,645.29 | 0.00 | 0.00 | 0.00 | |
| 13,700.00 | 90.00 | 179.87 | 7,250.00 | -6,743.44 | 823.12 | 6,745.29 | 0.00 | 0.00 | 0.00 | |
| 13,800.00 | 90.00 | 179.87 | 7,250.00 | -6,843.44 | 823.35 | 6,845.29 | 0.00 | 0.00 | 0.00 | |
| 13,900.00 | 90.00 | 179.87 | 7,250.00 | -6,943.44 | 823.58 | 6,945.29 | 0.00 | 0.00 | 0.00 | |
| 14,000.00 | 90.00 | 179.87 | 7,250.00 | -7,043.43 | 823.81 | 7,045.29 | 0.00 | 0.00 | 0.00 | |
| 14,100.00 | 90.00 | 179.87 | 7,250.00 | -7,143.43 | 824.03 | 7,145.29 | 0.00 | 0.00 | 0.00 | |

Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| Database: | EDM 5000.16 Single User Db | Local Co-ordinate Reference: | Well FAWN 2734-11H |
| Company: | VERDAD RESOURCES | TVD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Project: | WATTENBERG FIELD | MD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Site: | 1N-65W-22 FAWN 2734 & 2833 PAD | North Reference: | True |
| Well: | FAWN 2734-11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 14,200.00 | 90.00 | 179.87 | 7,250.00 | -7,243.43 | 824.26 | 7,245.29 | 0.00 | 0.00 | 0.00 | |
| 14,300.00 | 90.00 | 179.87 | 7,250.00 | -7,343.43 | 824.49 | 7,345.29 | 0.00 | 0.00 | 0.00 | |
| 14,400.00 | 90.00 | 179.87 | 7,250.00 | -7,443.43 | 824.72 | 7,445.29 | 0.00 | 0.00 | 0.00 | |
| 14,500.00 | 90.00 | 179.87 | 7,250.00 | -7,543.43 | 824.94 | 7,545.29 | 0.00 | 0.00 | 0.00 | |
| 14,600.00 | 90.00 | 179.87 | 7,250.00 | -7,643.43 | 825.17 | 7,645.29 | 0.00 | 0.00 | 0.00 | |
| 14,700.00 | 90.00 | 179.87 | 7,250.00 | -7,743.43 | 825.40 | 7,745.29 | 0.00 | 0.00 | 0.00 | |
| 14,800.00 | 90.00 | 179.87 | 7,250.00 | -7,843.43 | 825.63 | 7,845.29 | 0.00 | 0.00 | 0.00 | |
| 14,900.00 | 90.00 | 179.87 | 7,250.00 | -7,943.43 | 825.86 | 7,945.29 | 0.00 | 0.00 | 0.00 | |
| 15,000.00 | 90.00 | 179.87 | 7,250.00 | -8,043.43 | 826.08 | 8,045.29 | 0.00 | 0.00 | 0.00 | |
| 15,100.00 | 90.00 | 179.87 | 7,250.00 | -8,143.43 | 826.31 | 8,145.29 | 0.00 | 0.00 | 0.00 | |
| 15,200.00 | 90.00 | 179.87 | 7,250.00 | -8,243.43 | 826.54 | 8,245.29 | 0.00 | 0.00 | 0.00 | |
| 15,300.00 | 90.00 | 179.87 | 7,250.00 | -8,343.43 | 826.77 | 8,345.29 | 0.00 | 0.00 | 0.00 | |
| 15,400.00 | 90.00 | 179.87 | 7,250.00 | -8,443.43 | 826.99 | 8,445.29 | 0.00 | 0.00 | 0.00 | |
| 15,500.00 | 90.00 | 179.87 | 7,250.00 | -8,543.43 | 827.22 | 8,545.29 | 0.00 | 0.00 | 0.00 | |
| 15,600.00 | 90.00 | 179.87 | 7,250.00 | -8,643.43 | 827.45 | 8,645.29 | 0.00 | 0.00 | 0.00 | |
| 15,700.00 | 90.00 | 179.87 | 7,250.00 | -8,743.43 | 827.68 | 8,745.29 | 0.00 | 0.00 | 0.00 | |
| 15,800.00 | 90.00 | 179.87 | 7,250.00 | -8,843.43 | 827.90 | 8,845.29 | 0.00 | 0.00 | 0.00 | |
| 15,900.00 | 90.00 | 179.87 | 7,250.00 | -8,943.43 | 828.13 | 8,945.29 | 0.00 | 0.00 | 0.00 | |
| 16,000.00 | 90.00 | 179.87 | 7,250.00 | -9,043.43 | 828.36 | 9,045.29 | 0.00 | 0.00 | 0.00 | |
| 16,100.00 | 90.00 | 179.87 | 7,250.00 | -9,143.43 | 828.59 | 9,145.29 | 0.00 | 0.00 | 0.00 | |
| 16,200.00 | 90.00 | 179.87 | 7,250.00 | -9,243.43 | 828.82 | 9,245.29 | 0.00 | 0.00 | 0.00 | |
| 16,300.00 | 90.00 | 179.87 | 7,250.00 | -9,343.43 | 829.04 | 9,345.29 | 0.00 | 0.00 | 0.00 | |
| 16,400.00 | 90.00 | 179.87 | 7,250.00 | -9,443.43 | 829.27 | 9,445.29 | 0.00 | 0.00 | 0.00 | |
| 16,500.00 | 90.00 | 179.87 | 7,250.00 | -9,543.43 | 829.50 | 9,545.29 | 0.00 | 0.00 | 0.00 | |
| 16,600.00 | 90.00 | 179.87 | 7,250.00 | -9,643.43 | 829.73 | 9,645.29 | 0.00 | 0.00 | 0.00 | |
| 16,700.00 | 90.00 | 179.87 | 7,250.00 | -9,743.43 | 829.95 | 9,745.29 | 0.00 | 0.00 | 0.00 | |
| 16,800.00 | 90.00 | 179.87 | 7,250.00 | -9,843.43 | 830.18 | 9,845.29 | 0.00 | 0.00 | 0.00 | |
| 16,900.00 | 90.00 | 179.87 | 7,250.00 | -9,943.43 | 830.41 | 9,945.29 | 0.00 | 0.00 | 0.00 | |
| 17,000.00 | 90.00 | 179.87 | 7,250.00 | -10,043.43 | 830.64 | 10,045.29 | 0.00 | 0.00 | 0.00 | |
| 17,100.00 | 90.00 | 179.87 | 7,250.00 | -10,143.43 | 830.87 | 10,145.29 | 0.00 | 0.00 | 0.00 | |
| 17,200.00 | 90.00 | 179.87 | 7,250.00 | -10,243.43 | 831.09 | 10,245.29 | 0.00 | 0.00 | 0.00 | |
| 17,300.00 | 90.00 | 179.87 | 7,250.00 | -10,343.43 | 831.32 | 10,345.29 | 0.00 | 0.00 | 0.00 | |
| 17,338.31 | 90.00 | 179.87 | 7,250.00 | -10,381.74 | 831.41 | 10,383.60 | 0.00 | 0.00 | 0.00 | |
| BPZ @ 17338.31ft | | | | | | | | | | |
| 17,400.00 | 90.00 | 179.87 | 7,250.00 | -10,443.43 | 831.55 | 10,445.29 | 0.00 | 0.00 | 0.00 | |
| 17,428.32 | 90.00 | 179.87 | 7,250.00 | -10,471.74 | 831.61 | 10,473.60 | 0.00 | 0.00 | 0.00 | |
| TD Well @ 17428.32ft | | | | | | | | | | |

| Casing Points | | | | | |
|-----------------------|-----------------------|--------|--|---------------------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | | Casing Diameter (") | Hole Diameter (") |
| 2,261.92 | 2,250.00 | 9 5/8" | | 9-5/8 | 13-1/2 |

Planning Report

| | | | |
|-----------|--------------------------------|------------------------------|-------------------------------|
| Database: | EDM 5000.16 Single User Db | Local Co-ordinate Reference: | Well FAWN 2734-11H |
| Company: | VERDAD RESOURCES | TVD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Project: | WATTENBERG FIELD | MD Reference: | RKB = 20' @ 5127.00usft (RIG) |
| Site: | 1N-65W-22 FAWN 2734 & 2833 PAD | North Reference: | True |
| Well: | FAWN 2734-11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Design #1 | | |

| Plan Annotations | | | | |
|-----------------------------|-----------------------------|-------------------|-----------------|----------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 399.75 | 399.75 | 0.00 | 0.00 | Begin Nudge @ 399.75ft |
| 746.25 | 745.41 | -1.97 | 20.84 | Hold Tangent @ 746.25ft |
| 6,669.44 | 6,625.32 | -69.10 | 732.35 | KOP @ 6669.44ft :: DLS = 9°/100' |
| 7,662.05 | 7,250.00 | -705.50 | 809.37 | End Build/TPZ @ 7662.05ft |
| 17,338.31 | 7,250.00 | -10,381.74 | 831.41 | BPZ @ 17338.31ft |
| 17,428.32 | 7,250.00 | -10,471.74 | 831.61 | TD Well @ 17428.32ft |