

# **VERDAD RESOURCES**

**WATTENBERG FIELD**

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

**FAWN 2734-05H**

**Plan A**

**Plan: Design #1**

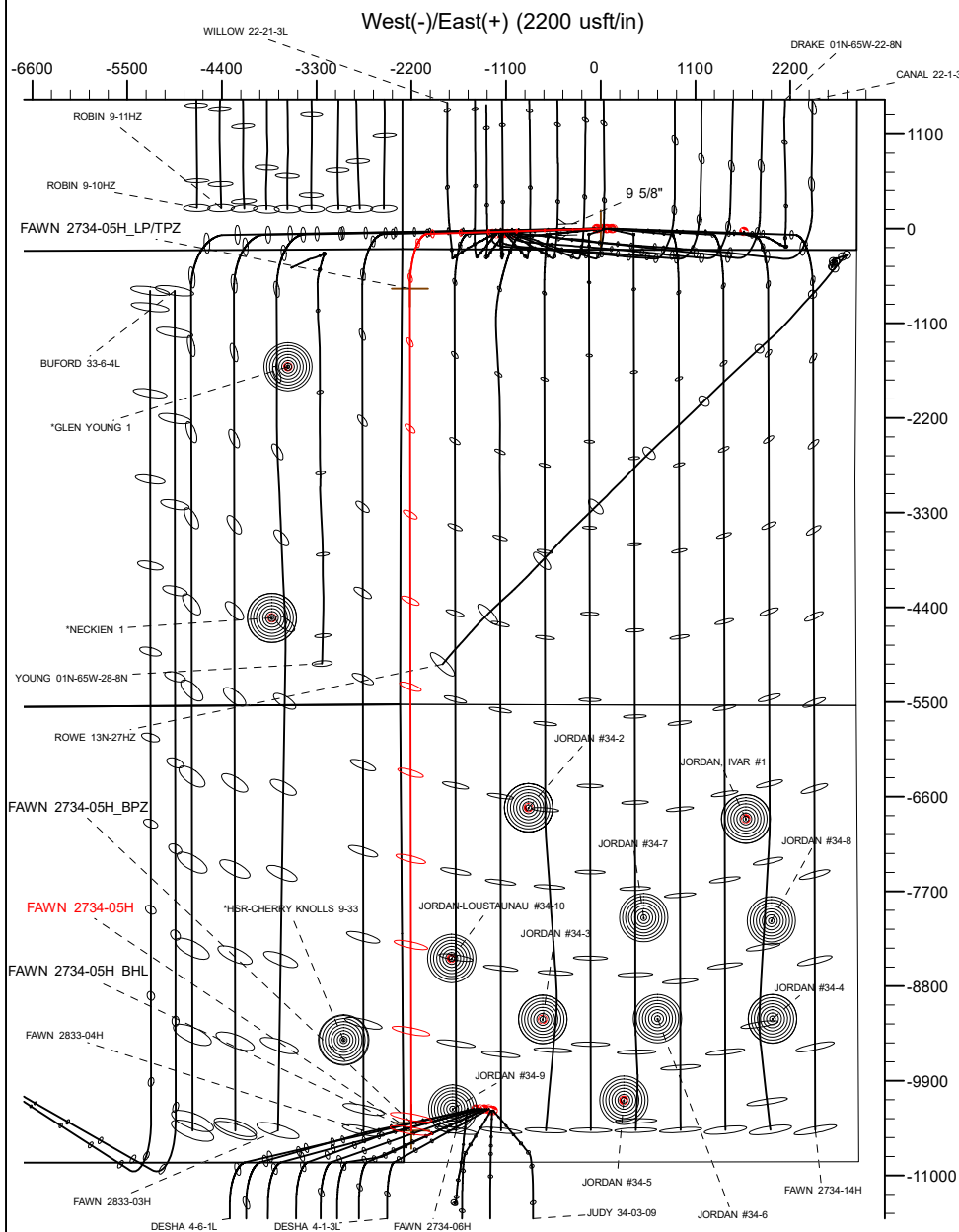
## **Standard Planning Report**

**30 July, 2022**

# VERDAD RESOURCES

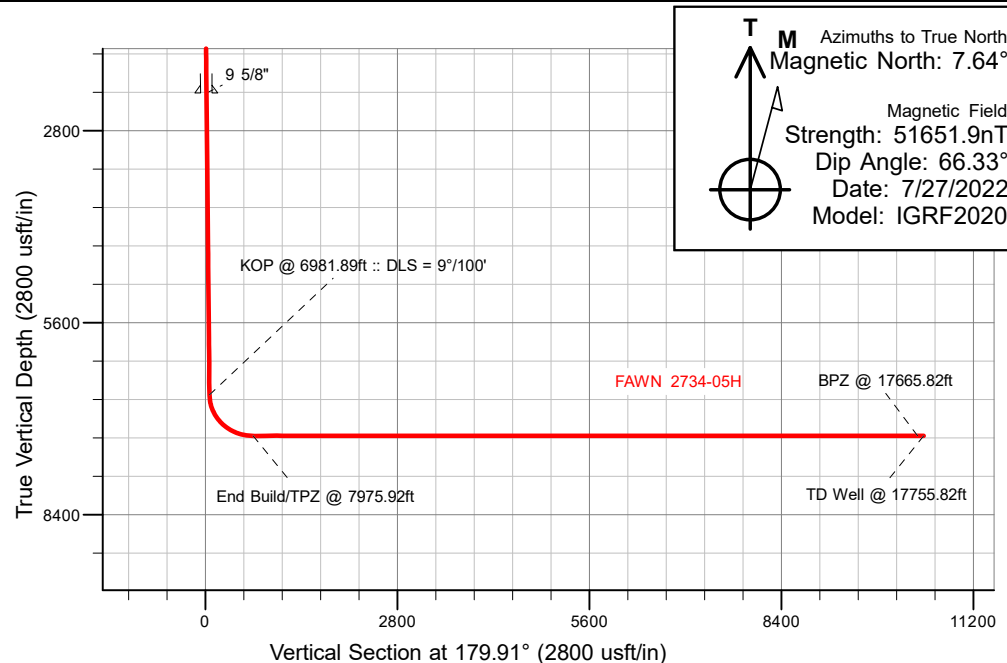
| CASING DETAILS |         |        |       |
|----------------|---------|--------|-------|
| TVD            | MD      | Name   | Size  |
| 2250.00        | 2324.15 | 9 5/8" | 9-5/8 |

|           |          |          |          |
|-----------|----------|----------|----------|
| SHL       | LP/TPZ   | BPZ      | BHL      |
| 244' FSL  | 460' FNL | 460' FSL | 370' FSL |
| 2302' FWL | 90' FWL  | 90' FWL  | 89' FWL  |



| 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     |                   |
| 332.00          | 0.00  | 0.00   | 332.00  | 0.00      | 0.00     | 0.00 | 0.00   | 0.00     |                   |
| 1282.50         | 19.01 | 268.26 | 1265.16 | -4.74     | -156.17  | 2.00 | 268.26 | 4.50     |                   |
| 6981.89         | 19.01 | 268.26 | 6653.71 | -61.11    | -2011.79 | 0.00 | 0.00   | 57.95    |                   |
| 7975.92         | 90.00 | 179.91 | 7250.00 | -698.03   | -2216.13 | 9.00 | -88.44 | 694.55   |                   |
| 17755.82        | 90.00 | 179.91 | 7250.00 | -10477.92 | -2200.58 | 0.00 | 0.00   | 10474.45 | FAWN 2734-05H BHL |

| WELLBORE TARGET DETAILS (LAT/LONG) |         |            |            |           |             |
|------------------------------------|---------|------------|------------|-----------|-------------|
| Name                               | TVD     | Northing   | Easting    | Latitude  | Longitude   |
| FAWN 2734-05H_SHL                  | 0.00    | 1255030.57 | 3237637.91 | 40.030325 | -104.651368 |
| FAWN 2734-05H_LP/TPZ               | 7250.00 | 1254311.40 | 3235428.67 | 40.028409 | -104.659281 |
| FAWN 2734-05H_BPZ                  | 7250.00 | 1244622.06 | 3235536.69 | 40.001808 | -104.659224 |
| FAWN 2734-05H_BHL                  | 7250.00 | 1244532.07 | 3235537.70 | 40.001561 | -104.659223 |



|  |
|--|
| WELL DETAILS: FAWN 2734-05H            |
| GL = 5107'                             |
| RKB = 20' @ 5127.00usft (RIG)          |
| Plan: Design #1 (FAWN 2734-05H/Plan A) |
| Date: 7/30/2022                        |

## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | EDM 5000.16 Single User Db     | <b>Local Co-ordinate Reference:</b> | Well FAWN 2734-05H            |
| <b>Company:</b>  | VERDAD RESOURCES               | <b>TVD Reference:</b>               | RKB = 20' @ 5127.00usft (RIG) |
| <b>Project:</b>  | WATTENBERG FIELD               | <b>MD Reference:</b>                | RKB = 20' @ 5127.00usft (RIG) |
| <b>Site:</b>     | 1N-65W-22 FAWN 2734 & 2833 PAD | <b>North Reference:</b>             | True                          |
| <b>Well:</b>     | FAWN 2734-05H                  | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | Plan A                         |                                     |                               |
| <b>Design:</b>   | Design #1                      |                                     |                               |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <b>Project</b>     | WATTENBERG FIELD          |                      |                |
| <b>Map System:</b> | US State Plane 1983       | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983 |                      |                |
| <b>Map Zone:</b>   | 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 2734-05H |                     |                   |               |               |
|----------------------|-------|---------------|---------------------|-------------------|---------------|---------------|
| Well Position        | +N/-S | 0.00 usft     | Northing:           | 1,255,030.57 usft | Latitude:     | 40.030325     |
|                      | +E/-W | 0.00 usft     | Easting:            | 3,237,637.91 usft | Longitude:    | -104.651368   |
| Position Uncertainty |       | 3.28 usft     | Wellhead Elevation: | usft              | Ground Level: | 5,107.00 usft |
| Grid Convergence:    |       | 0.55 °        |                     |                   |               |               |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Plan A            |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF202013        | 7/27/2022          | 7.64                   | 66.33                | 51,651.92767462            |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <b>Design</b>            | Design #1                      |                     |                     |                      |      |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |      |
| <b>Version:</b>          |                                | <b>Phase:</b>       | PLAN                | <b>Tie On Depth:</b> | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |      |
|                          | 0.00                           | 0.00                | 0.00                | 179.91               |      |

|                                 |                        |                          |                    |                               |  |
|---------------------------------|------------------------|--------------------------|--------------------|-------------------------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 7/30/2022                |                    |                               |  |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>   | <b>Remarks</b>                |  |
| 1                               | 0.00                   | 2,250.00                 | Design #1 (Plan A) | ISCWSA MWD                    |  |
|                                 |                        |                          |                    | Fixed:v2:standard declination |  |
| 2                               | 2,250.00               | 17,755.82                | Design #1 (Plan A) | ISCWSA MWD                    |  |
|                                 |                        |                          |                    | Fixed:v2:standard declination |  |

Planning Report

|           |                                |                              |                               |
|-----------|--------------------------------|------------------------------|-------------------------------|
| Database: | EDM 5000.16 Single User Db     | Local Co-ordinate Reference: | Well FAWN 2734-05H            |
| 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 2734-05H                  | 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    |                   |
| 332.00                | 0.00            | 0.00        | 332.00                | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 1,282.50              | 19.01           | 268.26      | 1,265.16              | -4.74        | -156.17      | 2.00                    | 2.00                   | 0.00                  | 268.26  |                   |
| 6,981.89              | 19.01           | 268.26      | 6,653.71              | -61.11       | -2,011.79    | 0.00                    | 0.00                   | 0.00                  | 0.00    |                   |
| 7,975.92              | 90.00           | 179.91      | 7,250.00              | -698.03      | -2,216.13    | 9.00                    | 7.14                   | -8.89                 | -88.44  |                   |
| 17,755.82             | 90.00           | 179.91      | 7,250.00              | -10,477.92   | -2,200.58    | 0.00                    | 0.00                   | 0.00                  | 0.00    | FAWN 2734-05H_BHI |

# Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | EDM 5000.16 Single User Db     | <b>Local Co-ordinate Reference:</b> | Well FAWN 2734-05H            |
| <b>Company:</b>  | VERDAD RESOURCES               | <b>TVD Reference:</b>               | RKB = 20' @ 5127.00usft (RIG) |
| <b>Project:</b>  | WATTENBERG FIELD               | <b>MD Reference:</b>                | RKB = 20' @ 5127.00usft (RIG) |
| <b>Site:</b>     | 1N-65W-22 FAWN 2734 & 2833 PAD | <b>North Reference:</b>             | True                          |
| <b>Well:</b>     | FAWN 2734-05H                  | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | Plan A                         |                                     |                               |
| <b>Design:</b>   | 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                  |
| 332.00                   | 0.00            | 0.00        | 332.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| Begin Nudge @ 332.00ft   |                 |             |                       |              |              |                         |                         |                        |                       |
| 400.00                   | 1.36            | 268.26      | 399.99                | -0.02        | -0.81        | 0.02                    | 2.00                    | 2.00                   | 0.00                  |
| 500.00                   | 3.36            | 268.26      | 499.90                | -0.15        | -4.92        | 0.14                    | 2.00                    | 2.00                   | 0.00                  |
| 600.00                   | 5.36            | 268.26      | 599.61                | -0.38        | -12.52       | 0.36                    | 2.00                    | 2.00                   | 0.00                  |
| 700.00                   | 7.36            | 268.26      | 698.99                | -0.72        | -23.59       | 0.68                    | 2.00                    | 2.00                   | 0.00                  |
| 800.00                   | 9.36            | 268.26      | 797.92                | -1.16        | -38.12       | 1.10                    | 2.00                    | 2.00                   | 0.00                  |
| 900.00                   | 11.36           | 268.26      | 896.29                | -1.70        | -56.10       | 1.62                    | 2.00                    | 2.00                   | 0.00                  |
| 1,000.00                 | 13.36           | 268.26      | 993.96                | -2.35        | -77.49       | 2.23                    | 2.00                    | 2.00                   | 0.00                  |
| 1,100.00                 | 15.36           | 268.26      | 1,090.83              | -3.11        | -102.28      | 2.95                    | 2.00                    | 2.00                   | 0.00                  |
| 1,200.00                 | 17.36           | 268.26      | 1,186.78              | -3.96        | -130.43      | 3.76                    | 2.00                    | 2.00                   | 0.00                  |
| 1,282.50                 | 19.01           | 268.26      | 1,265.16              | -4.74        | -156.17      | 4.50                    | 2.00                    | 2.00                   | 0.00                  |
| Hold Tangent @ 1282.50ft |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,300.00                 | 19.01           | 268.26      | 1,281.70              | -4.92        | -161.87      | 4.66                    | 0.00                    | 0.00                   | 0.00                  |
| 1,400.00                 | 19.01           | 268.26      | 1,376.25              | -5.91        | -194.42      | 5.60                    | 0.00                    | 0.00                   | 0.00                  |
| 1,500.00                 | 19.01           | 268.26      | 1,470.79              | -6.90        | -226.98      | 6.54                    | 0.00                    | 0.00                   | 0.00                  |
| 1,600.00                 | 19.01           | 268.26      | 1,565.34              | -7.88        | -259.54      | 7.48                    | 0.00                    | 0.00                   | 0.00                  |
| 1,700.00                 | 19.01           | 268.26      | 1,659.89              | -8.87        | -292.10      | 8.41                    | 0.00                    | 0.00                   | 0.00                  |
| 1,800.00                 | 19.01           | 268.26      | 1,754.43              | -9.86        | -324.66      | 9.35                    | 0.00                    | 0.00                   | 0.00                  |
| 1,900.00                 | 19.01           | 268.26      | 1,848.98              | -10.85       | -357.22      | 10.29                   | 0.00                    | 0.00                   | 0.00                  |
| 2,000.00                 | 19.01           | 268.26      | 1,943.53              | -11.84       | -389.77      | 11.23                   | 0.00                    | 0.00                   | 0.00                  |
| 2,100.00                 | 19.01           | 268.26      | 2,038.07              | -12.83       | -422.33      | 12.17                   | 0.00                    | 0.00                   | 0.00                  |
| 2,200.00                 | 19.01           | 268.26      | 2,132.62              | -13.82       | -454.89      | 13.10                   | 0.00                    | 0.00                   | 0.00                  |
| 2,300.00                 | 19.01           | 268.26      | 2,227.16              | -14.81       | -487.45      | 14.04                   | 0.00                    | 0.00                   | 0.00                  |
| 2,324.15                 | 19.01           | 268.26      | 2,250.00              | -15.05       | -495.31      | 14.27                   | 0.00                    | 0.00                   | 0.00                  |
| 9 5/8"                   |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,400.00                 | 19.01           | 268.26      | 2,321.71              | -15.80       | -520.01      | 14.98                   | 0.00                    | 0.00                   | 0.00                  |
| 2,500.00                 | 19.01           | 268.26      | 2,416.26              | -16.79       | -552.57      | 15.92                   | 0.00                    | 0.00                   | 0.00                  |
| 2,600.00                 | 19.01           | 268.26      | 2,510.80              | -17.77       | -585.12      | 16.86                   | 0.00                    | 0.00                   | 0.00                  |
| 2,700.00                 | 19.01           | 268.26      | 2,605.35              | -18.76       | -617.68      | 17.79                   | 0.00                    | 0.00                   | 0.00                  |
| 2,800.00                 | 19.01           | 268.26      | 2,699.90              | -19.75       | -650.24      | 18.73                   | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00                 | 19.01           | 268.26      | 2,794.44              | -20.74       | -682.80      | 19.67                   | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00                 | 19.01           | 268.26      | 2,888.99              | -21.73       | -715.36      | 20.61                   | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00                 | 19.01           | 268.26      | 2,983.53              | -22.72       | -747.92      | 21.55                   | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                 | 19.01           | 268.26      | 3,078.08              | -23.71       | -780.47      | 22.48                   | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                 | 19.01           | 268.26      | 3,172.63              | -24.70       | -813.03      | 23.42                   | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                 | 19.01           | 268.26      | 3,267.17              | -25.69       | -845.59      | 24.36                   | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                 | 19.01           | 268.26      | 3,361.72              | -26.68       | -878.15      | 25.30                   | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00                 | 19.01           | 268.26      | 3,456.26              | -27.67       | -910.71      | 26.23                   | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00                 | 19.01           | 268.26      | 3,550.81              | -28.65       | -943.27      | 27.17                   | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00                 | 19.01           | 268.26      | 3,645.36              | -29.64       | -975.82      | 28.11                   | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00                 | 19.01           | 268.26      | 3,739.90              | -30.63       | -1,008.38    | 29.05                   | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00                 | 19.01           | 268.26      | 3,834.45              | -31.62       | -1,040.94    | 29.99                   | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00                 | 19.01           | 268.26      | 3,929.00              | -32.61       | -1,073.50    | 30.92                   | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00                 | 19.01           | 268.26      | 4,023.54              | -33.60       | -1,106.06    | 31.86                   | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00                 | 19.01           | 268.26      | 4,118.09              | -34.59       | -1,138.62    | 32.80                   | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                 | 19.01           | 268.26      | 4,212.63              | -35.58       | -1,171.17    | 33.74                   | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                 | 19.01           | 268.26      | 4,307.18              | -36.57       | -1,203.73    | 34.68                   | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                 | 19.01           | 268.26      | 4,401.73              | -37.56       | -1,236.29    | 35.61                   | 0.00                    | 0.00                   | 0.00                  |

## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | EDM 5000.16 Single User Db     | <b>Local Co-ordinate Reference:</b> | Well FAWN 2734-05H            |
| <b>Company:</b>  | VERDAD RESOURCES               | <b>TVD Reference:</b>               | RKB = 20' @ 5127.00usft (RIG) |
| <b>Project:</b>  | WATTENBERG FIELD               | <b>MD Reference:</b>                | RKB = 20' @ 5127.00usft (RIG) |
| <b>Site:</b>     | 1N-65W-22 FAWN 2734 & 2833 PAD | <b>North Reference:</b>             | True                          |
| <b>Well:</b>     | FAWN 2734-05H                  | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | Plan A                         |                                     |                               |
| <b>Design:</b>   | 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) |
| 4,700.00                                | 19.01           | 268.26      | 4,496.27              | -38.55       | -1,268.85    | 36.55                   | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00                                | 19.01           | 268.26      | 4,590.82              | -39.53       | -1,301.41    | 37.49                   | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00                                | 19.01           | 268.26      | 4,685.36              | -40.52       | -1,333.97    | 38.43                   | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00                                | 19.01           | 268.26      | 4,779.91              | -41.51       | -1,366.52    | 39.37                   | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00                                | 19.01           | 268.26      | 4,874.46              | -42.50       | -1,399.08    | 40.30                   | 0.00                    | 0.00                   | 0.00                  |
| 5,200.00                                | 19.01           | 268.26      | 4,969.00              | -43.49       | -1,431.64    | 41.24                   | 0.00                    | 0.00                   | 0.00                  |
| 5,300.00                                | 19.01           | 268.26      | 5,063.55              | -44.48       | -1,464.20    | 42.18                   | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00                                | 19.01           | 268.26      | 5,158.10              | -45.47       | -1,496.76    | 43.12                   | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00                                | 19.01           | 268.26      | 5,252.64              | -46.46       | -1,529.31    | 44.06                   | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00                                | 19.01           | 268.26      | 5,347.19              | -47.45       | -1,561.87    | 44.99                   | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00                                | 19.01           | 268.26      | 5,441.73              | -48.44       | -1,594.43    | 45.93                   | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00                                | 19.01           | 268.26      | 5,536.28              | -49.42       | -1,626.99    | 46.87                   | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00                                | 19.01           | 268.26      | 5,630.83              | -50.41       | -1,659.55    | 47.81                   | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00                                | 19.01           | 268.26      | 5,725.37              | -51.40       | -1,692.11    | 48.74                   | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00                                | 19.01           | 268.26      | 5,819.92              | -52.39       | -1,724.66    | 49.68                   | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00                                | 19.01           | 268.26      | 5,914.47              | -53.38       | -1,757.22    | 50.62                   | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00                                | 19.01           | 268.26      | 6,009.01              | -54.37       | -1,789.78    | 51.56                   | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00                                | 19.01           | 268.26      | 6,103.56              | -55.36       | -1,822.34    | 52.50                   | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00                                | 19.01           | 268.26      | 6,198.10              | -56.35       | -1,854.90    | 53.43                   | 0.00                    | 0.00                   | 0.00                  |
| 6,600.00                                | 19.01           | 268.26      | 6,292.65              | -57.34       | -1,887.46    | 54.37                   | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00                                | 19.01           | 268.26      | 6,387.20              | -58.33       | -1,920.01    | 55.31                   | 0.00                    | 0.00                   | 0.00                  |
| 6,800.00                                | 19.01           | 268.26      | 6,481.74              | -59.32       | -1,952.57    | 56.25                   | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00                                | 19.01           | 268.26      | 6,576.29              | -60.30       | -1,985.13    | 57.19                   | 0.00                    | 0.00                   | 0.00                  |
| 6,981.89                                | 19.01           | 268.26      | 6,653.71              | -61.11       | -2,011.79    | 57.95                   | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP @ 6981.89ft :: DLS = 9°/100'</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,000.00                                | 19.12           | 263.28      | 6,670.83              | -61.55       | -2,017.69    | 58.38                   | 9.00                    | 0.61                   | -27.50                |
| 7,050.00                                | 20.10           | 250.16      | 6,717.95              | -65.43       | -2,033.91    | 62.23                   | 9.00                    | 1.95                   | -26.24                |
| 7,100.00                                | 21.94           | 238.68      | 6,764.64              | -73.20       | -2,049.98    | 69.98                   | 9.00                    | 3.68                   | -22.96                |
| 7,150.00                                | 24.44           | 229.17      | 6,810.62              | -84.82       | -2,065.79    | 81.58                   | 9.00                    | 5.01                   | -19.03                |
| 7,200.00                                | 27.43           | 221.47      | 6,855.59              | -100.23      | -2,081.25    | 96.96                   | 9.00                    | 5.98                   | -15.40                |
| 7,250.00                                | 30.77           | 215.25      | 6,899.28              | -119.31      | -2,096.27    | 116.02                  | 9.00                    | 6.67                   | -12.44                |
| 7,300.00                                | 34.35           | 210.17      | 6,941.42              | -141.97      | -2,110.75    | 138.65                  | 9.00                    | 7.16                   | -10.16                |
| 7,350.00                                | 38.10           | 205.96      | 6,981.76              | -168.04      | -2,124.60    | 164.71                  | 9.00                    | 7.51                   | -8.42                 |
| 7,400.00                                | 41.98           | 202.41      | 7,020.03              | -197.39      | -2,137.73    | 194.03                  | 9.00                    | 7.76                   | -7.10                 |
| 7,450.00                                | 45.95           | 199.37      | 7,056.02              | -229.82      | -2,150.07    | 226.44                  | 9.00                    | 7.95                   | -6.09                 |
| 7,500.00                                | 50.00           | 196.71      | 7,089.49              | -265.13      | -2,161.54    | 261.73                  | 9.00                    | 8.09                   | -5.32                 |
| 7,550.00                                | 54.10           | 194.35      | 7,120.23              | -303.11      | -2,172.07    | 299.70                  | 9.00                    | 8.20                   | -4.72                 |
| 7,600.00                                | 58.24           | 192.22      | 7,148.07              | -343.52      | -2,181.59    | 340.10                  | 9.00                    | 8.28                   | -4.25                 |
| 7,650.00                                | 62.41           | 190.28      | 7,172.82              | -386.12      | -2,190.05    | 382.68                  | 9.00                    | 8.34                   | -3.89                 |
| 7,700.00                                | 66.60           | 188.48      | 7,194.34              | -430.64      | -2,197.39    | 427.18                  | 9.00                    | 8.39                   | -3.60                 |
| 7,750.00                                | 70.82           | 186.79      | 7,212.49              | -476.80      | -2,203.56    | 473.34                  | 9.00                    | 8.43                   | -3.38                 |
| 7,800.00                                | 75.05           | 185.18      | 7,227.16              | -524.33      | -2,208.54    | 520.86                  | 9.00                    | 8.46                   | -3.21                 |
| 7,850.00                                | 79.29           | 183.64      | 7,238.26              | -572.92      | -2,212.29    | 569.45                  | 9.00                    | 8.48                   | -3.08                 |
| 7,900.00                                | 83.54           | 182.14      | 7,245.72              | -622.29      | -2,214.78    | 618.81                  | 9.00                    | 8.50                   | -3.00                 |
| 7,950.00                                | 87.79           | 180.67      | 7,249.50              | -672.12      | -2,216.00    | 668.63                  | 9.00                    | 8.51                   | -2.95                 |
| 7,975.92                                | 90.00           | 179.91      | 7,250.00              | -698.03      | -2,216.13    | 694.55                  | 9.00                    | 8.51                   | -2.93                 |
| <b>End Build/TPZ @ 7975.92ft</b>        |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,000.00                                | 90.00           | 179.91      | 7,250.00              | -722.11      | -2,216.09    | 718.63                  | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00                                | 90.00           | 179.91      | 7,250.00              | -822.11      | -2,215.93    | 818.63                  | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00                                | 90.00           | 179.91      | 7,250.00              | -922.11      | -2,215.77    | 918.63                  | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00                                | 90.00           | 179.91      | 7,250.00              | -1,022.11    | -2,215.61    | 1,018.63                | 0.00                    | 0.00                   | 0.00                  |
| 8,400.00                                | 90.00           | 179.91      | 7,250.00              | -1,122.11    | -2,215.46    | 1,118.63                | 0.00                    | 0.00                   | 0.00                  |
| 8,500.00                                | 90.00           | 179.91      | 7,250.00              | -1,222.11    | -2,215.30    | 1,218.63                | 0.00                    | 0.00                   | 0.00                  |
| 8,600.00                                | 90.00           | 179.91      | 7,250.00              | -1,322.11    | -2,215.14    | 1,318.63                | 0.00                    | 0.00                   | 0.00                  |

## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | EDM 5000.16 Single User Db     | <b>Local Co-ordinate Reference:</b> | Well FAWN 2734-05H            |
| <b>Company:</b>  | VERDAD RESOURCES               | <b>TVD Reference:</b>               | RKB = 20' @ 5127.00usft (RIG) |
| <b>Project:</b>  | WATTENBERG FIELD               | <b>MD Reference:</b>                | RKB = 20' @ 5127.00usft (RIG) |
| <b>Site:</b>     | 1N-65W-22 FAWN 2734 & 2833 PAD | <b>North Reference:</b>             | True                          |
| <b>Well:</b>     | FAWN 2734-05H                  | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | Plan A                         |                                     |                               |
| <b>Design:</b>   | 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) |  |
| 8,700.00              | 90.00           | 179.91      | 7,250.00              | -1,422.11    | -2,214.98    | 1,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 8,800.00              | 90.00           | 179.91      | 7,250.00              | -1,522.11    | -2,214.82    | 1,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 8,900.00              | 90.00           | 179.91      | 7,250.00              | -1,622.11    | -2,214.66    | 1,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,000.00              | 90.00           | 179.91      | 7,250.00              | -1,722.11    | -2,214.50    | 1,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.00              | 90.00           | 179.91      | 7,250.00              | -1,822.11    | -2,214.34    | 1,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.00              | 90.00           | 179.91      | 7,250.00              | -1,922.11    | -2,214.18    | 1,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.00              | 90.00           | 179.91      | 7,250.00              | -2,022.11    | -2,214.02    | 2,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.00              | 90.00           | 179.91      | 7,250.00              | -2,122.11    | -2,213.87    | 2,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.00              | 90.00           | 179.91      | 7,250.00              | -2,222.11    | -2,213.71    | 2,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.00              | 90.00           | 179.91      | 7,250.00              | -2,322.11    | -2,213.55    | 2,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,700.00              | 90.00           | 179.91      | 7,250.00              | -2,422.11    | -2,213.39    | 2,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.00              | 90.00           | 179.91      | 7,250.00              | -2,522.11    | -2,213.23    | 2,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.00              | 90.00           | 179.91      | 7,250.00              | -2,622.11    | -2,213.07    | 2,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,000.00             | 90.00           | 179.91      | 7,250.00              | -2,722.11    | -2,212.91    | 2,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,100.00             | 90.00           | 179.91      | 7,250.00              | -2,822.11    | -2,212.75    | 2,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.00             | 90.00           | 179.91      | 7,250.00              | -2,922.11    | -2,212.59    | 2,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,300.00             | 90.00           | 179.91      | 7,250.00              | -3,022.11    | -2,212.44    | 3,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,400.00             | 90.00           | 179.91      | 7,250.00              | -3,122.11    | -2,212.28    | 3,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,500.00             | 90.00           | 179.91      | 7,250.00              | -3,222.11    | -2,212.12    | 3,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,600.00             | 90.00           | 179.91      | 7,250.00              | -3,322.11    | -2,211.96    | 3,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,700.00             | 90.00           | 179.91      | 7,250.00              | -3,422.11    | -2,211.80    | 3,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,800.00             | 90.00           | 179.91      | 7,250.00              | -3,522.11    | -2,211.64    | 3,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,900.00             | 90.00           | 179.91      | 7,250.00              | -3,622.11    | -2,211.48    | 3,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,000.00             | 90.00           | 179.91      | 7,250.00              | -3,722.11    | -2,211.32    | 3,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,100.00             | 90.00           | 179.91      | 7,250.00              | -3,822.11    | -2,211.16    | 3,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,200.00             | 90.00           | 179.91      | 7,250.00              | -3,922.10    | -2,211.00    | 3,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,300.00             | 90.00           | 179.91      | 7,250.00              | -4,022.10    | -2,210.85    | 4,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,400.00             | 90.00           | 179.91      | 7,250.00              | -4,122.10    | -2,210.69    | 4,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,500.00             | 90.00           | 179.91      | 7,250.00              | -4,222.10    | -2,210.53    | 4,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,600.00             | 90.00           | 179.91      | 7,250.00              | -4,322.10    | -2,210.37    | 4,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,700.00             | 90.00           | 179.91      | 7,250.00              | -4,422.10    | -2,210.21    | 4,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,800.00             | 90.00           | 179.91      | 7,250.00              | -4,522.10    | -2,210.05    | 4,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,900.00             | 90.00           | 179.91      | 7,250.00              | -4,622.10    | -2,209.89    | 4,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,000.00             | 90.00           | 179.91      | 7,250.00              | -4,722.10    | -2,209.73    | 4,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,100.00             | 90.00           | 179.91      | 7,250.00              | -4,822.10    | -2,209.57    | 4,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,200.00             | 90.00           | 179.91      | 7,250.00              | -4,922.10    | -2,209.42    | 4,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,300.00             | 90.00           | 179.91      | 7,250.00              | -5,022.10    | -2,209.26    | 5,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,400.00             | 90.00           | 179.91      | 7,250.00              | -5,122.10    | -2,209.10    | 5,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,500.00             | 90.00           | 179.91      | 7,250.00              | -5,222.10    | -2,208.94    | 5,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,600.00             | 90.00           | 179.91      | 7,250.00              | -5,322.10    | -2,208.78    | 5,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,700.00             | 90.00           | 179.91      | 7,250.00              | -5,422.10    | -2,208.62    | 5,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,800.00             | 90.00           | 179.91      | 7,250.00              | -5,522.10    | -2,208.46    | 5,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,900.00             | 90.00           | 179.91      | 7,250.00              | -5,622.10    | -2,208.30    | 5,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,000.00             | 90.00           | 179.91      | 7,250.00              | -5,722.10    | -2,208.14    | 5,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,100.00             | 90.00           | 179.91      | 7,250.00              | -5,822.10    | -2,207.98    | 5,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,200.00             | 90.00           | 179.91      | 7,250.00              | -5,922.10    | -2,207.83    | 5,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,300.00             | 90.00           | 179.91      | 7,250.00              | -6,022.10    | -2,207.67    | 6,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,400.00             | 90.00           | 179.91      | 7,250.00              | -6,122.10    | -2,207.51    | 6,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,500.00             | 90.00           | 179.91      | 7,250.00              | -6,222.10    | -2,207.35    | 6,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,600.00             | 90.00           | 179.91      | 7,250.00              | -6,322.10    | -2,207.19    | 6,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,700.00             | 90.00           | 179.91      | 7,250.00              | -6,422.10    | -2,207.03    | 6,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,800.00             | 90.00           | 179.91      | 7,250.00              | -6,522.10    | -2,206.87    | 6,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,900.00             | 90.00           | 179.91      | 7,250.00              | -6,622.10    | -2,206.71    | 6,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000.00             | 90.00           | 179.91      | 7,250.00              | -6,722.10    | -2,206.55    | 6,718.63                | 0.00                    | 0.00                   | 0.00                  |  |

## Planning Report

|                  |                                |                                     |                               |
|------------------|--------------------------------|-------------------------------------|-------------------------------|
| <b>Database:</b> | EDM 5000.16 Single User Db     | <b>Local Co-ordinate Reference:</b> | Well FAWN 2734-05H            |
| <b>Company:</b>  | VERDAD RESOURCES               | <b>TVD Reference:</b>               | RKB = 20' @ 5127.00usft (RIG) |
| <b>Project:</b>  | WATTENBERG FIELD               | <b>MD Reference:</b>                | RKB = 20' @ 5127.00usft (RIG) |
| <b>Site:</b>     | 1N-65W-22 FAWN 2734 & 2833 PAD | <b>North Reference:</b>             | True                          |
| <b>Well:</b>     | FAWN 2734-05H                  | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Wellbore:</b> | Plan A                         |                                     |                               |
| <b>Design:</b>   | 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) |  |
| 14,100.00             | 90.00           | 179.91      | 7,250.00              | -6,822.10    | -2,206.40    | 6,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,200.00             | 90.00           | 179.91      | 7,250.00              | -6,922.10    | -2,206.24    | 6,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300.00             | 90.00           | 179.91      | 7,250.00              | -7,022.10    | -2,206.08    | 7,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,400.00             | 90.00           | 179.91      | 7,250.00              | -7,122.10    | -2,205.92    | 7,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,500.00             | 90.00           | 179.91      | 7,250.00              | -7,222.10    | -2,205.76    | 7,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,600.00             | 90.00           | 179.91      | 7,250.00              | -7,322.10    | -2,205.60    | 7,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,700.00             | 90.00           | 179.91      | 7,250.00              | -7,422.10    | -2,205.44    | 7,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,800.00             | 90.00           | 179.91      | 7,250.00              | -7,522.10    | -2,205.28    | 7,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.00             | 90.00           | 179.91      | 7,250.00              | -7,622.10    | -2,205.12    | 7,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.00             | 90.00           | 179.91      | 7,250.00              | -7,722.10    | -2,204.96    | 7,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.00             | 90.00           | 179.91      | 7,250.00              | -7,822.10    | -2,204.81    | 7,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.00             | 90.00           | 179.91      | 7,250.00              | -7,922.10    | -2,204.65    | 7,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300.00             | 90.00           | 179.91      | 7,250.00              | -8,022.10    | -2,204.49    | 8,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400.00             | 90.00           | 179.91      | 7,250.00              | -8,122.10    | -2,204.33    | 8,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,500.00             | 90.00           | 179.91      | 7,250.00              | -8,222.10    | -2,204.17    | 8,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.00             | 90.00           | 179.91      | 7,250.00              | -8,322.10    | -2,204.01    | 8,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.00             | 90.00           | 179.91      | 7,250.00              | -8,422.10    | -2,203.85    | 8,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.00             | 90.00           | 179.91      | 7,250.00              | -8,522.10    | -2,203.69    | 8,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.00             | 90.00           | 179.91      | 7,250.00              | -8,622.10    | -2,203.53    | 8,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.00             | 90.00           | 179.91      | 7,250.00              | -8,722.10    | -2,203.38    | 8,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.00             | 90.00           | 179.91      | 7,250.00              | -8,822.10    | -2,203.22    | 8,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.00             | 90.00           | 179.91      | 7,250.00              | -8,922.10    | -2,203.06    | 8,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.00             | 90.00           | 179.91      | 7,250.00              | -9,022.10    | -2,202.90    | 9,018.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.00             | 90.00           | 179.91      | 7,250.00              | -9,122.10    | -2,202.74    | 9,118.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,500.00             | 90.00           | 179.91      | 7,250.00              | -9,222.10    | -2,202.58    | 9,218.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,600.00             | 90.00           | 179.91      | 7,250.00              | -9,322.10    | -2,202.42    | 9,318.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,700.00             | 90.00           | 179.91      | 7,250.00              | -9,422.10    | -2,202.26    | 9,418.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,800.00             | 90.00           | 179.91      | 7,250.00              | -9,522.10    | -2,202.10    | 9,518.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 16,900.00             | 90.00           | 179.91      | 7,250.00              | -9,622.10    | -2,201.94    | 9,618.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,000.00             | 90.00           | 179.91      | 7,250.00              | -9,722.10    | -2,201.79    | 9,718.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,100.00             | 90.00           | 179.91      | 7,250.00              | -9,822.10    | -2,201.63    | 9,818.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,200.00             | 90.00           | 179.91      | 7,250.00              | -9,922.10    | -2,201.47    | 9,918.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,300.00             | 90.00           | 179.91      | 7,250.00              | -10,022.10   | -2,201.31    | 10,018.63               | 0.00                    | 0.00                   | 0.00                  |  |
| 17,400.00             | 90.00           | 179.91      | 7,250.00              | -10,122.10   | -2,201.15    | 10,118.63               | 0.00                    | 0.00                   | 0.00                  |  |
| 17,500.00             | 90.00           | 179.91      | 7,250.00              | -10,222.10   | -2,200.99    | 10,218.63               | 0.00                    | 0.00                   | 0.00                  |  |
| 17,600.00             | 90.00           | 179.91      | 7,250.00              | -10,322.10   | -2,200.83    | 10,318.63               | 0.00                    | 0.00                   | 0.00                  |  |
| 17,665.82             | 90.00           | 179.91      | 7,250.00              | -10,387.92   | -2,200.73    | 10,384.45               | 0.00                    | 0.00                   | 0.00                  |  |
| BPZ @ 17665.82ft      |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 17,700.00             | 90.00           | 179.91      | 7,250.00              | -10,422.10   | -2,200.67    | 10,418.63               | 0.00                    | 0.00                   | 0.00                  |  |
| 17,755.82             | 90.00           | 179.91      | 7,250.00              | -10,477.92   | -2,200.58    | 10,474.45               | 0.00                    | 0.00                   | 0.00                  |  |
| TD Well @ 17755.82ft  |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Casing Points         |                       |        |  |                     |                   |
|-----------------------|-----------------------|--------|--|---------------------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name   |  | Casing Diameter (") | Hole Diameter (") |
| 2,324.15              | 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 2734-05H            |
| 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 2734-05H                  | Survey Calculation Method:   | Minimum Curvature             |
| Wellbore: | Plan A                         |                              |                               |
| Design:   | Design #1                      |                              |                               |

| Plan Annotations            |                             |                   |                 |                                  |
|-----------------------------|-----------------------------|-------------------|-----------------|----------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                          |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                  |
| 332.00                      | 332.00                      | 0.00              | 0.00            | Begin Nudge @ 332.00ft           |
| 1,282.50                    | 1,265.16                    | -4.74             | -156.17         | Hold Tangent @ 1282.50ft         |
| 6,981.89                    | 6,653.71                    | -61.11            | -2,011.79       | KOP @ 6981.89ft :: DLS = 9°/100' |
| 7,975.92                    | 7,250.00                    | -698.03           | -2,216.13       | End Build/TPZ @ 7975.92ft        |
| 17,665.82                   | 7,250.00                    | -10,387.92        | -2,200.73       | BPZ @ 17665.82ft                 |
| 17,755.82                   | 7,250.00                    | -10,477.92        | -2,200.58       | TD Well @ 17755.82ft             |