

Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Revised July 19, 2023

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-015-53829                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>V0-9124-0001                                                        |
| 7. Lease Name or Unit Agreement Name<br>DAVID EDELSTEIN STATE COM                                   |
| 8. Well Number 113H                                                                                 |
| 9. OGRID Number 228937                                                                              |
| 10. Pool name or Wildcat<br>Willow Lake; Bone Spring, West                                          |

SUNDRY NOTICES AND REPORTS ON WELLS  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
MATADOR PRODUCTION COMPANY

3. Address of Operator  
5400 LBJ Freeway, Ste 1500, Dallas, TX 75240

4. Well Location

Unit Letter \_\_\_ 1996 \_\_\_ feet from the \_\_\_ SOUTH \_\_\_ line and \_\_\_ 300 \_\_\_ feet from the \_\_\_ EAST \_\_\_ line

Section 12 Township 24-S Range 27-E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3089'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☒  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Matador is requesting approval to amend its drilling permit and adjust its casing depths as follows. Additional drilling documents and information is being submitted with this C-103.

| STRING | FLUID TYPE            | HOLE SZ | CSG SZ | CSG GRADE | CSG WT | DEPTH SET | TOP CSG | TTL SX CEMENT | EST TOC |
|--------|-----------------------|---------|--------|-----------|--------|-----------|---------|---------------|---------|
| SURF   | FRESH WTR             | 17.5    | 13.375 | J-55      | 54.50  | 450       | 0       | 400           | 0       |
| INT 1  | Diesel Brine Emulsion | 9.875   | 7.625  | P-110     | 29.70  | 6354      | 0       | 850           | 0       |
| PROD   | OBM/Cutbrine          | 6.75    | 5.5    | P-110     | 20.00  | 17292     | 0       | 975           | 6154    |

Matador also requests to run a DV tool and packer on the intermediate string of casing.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kyle Perkins TITLE Vice President and Assistant General Counsel DATE: 7/19/23

Type or print name Kyle Perkins E-mail address: Kperkins@matadorresources.com PHONE: 972-371-5202

For State Use Only

APPROVED BY: Ward Rikala TITLE Petroleum Specialist A DATE 9/29/2023

Conditions of Approval (if any): Yes-see C-103 approval.

# **Matador Production Company**

**Rustler Breaks**

**David Edelstein**

**David Edelstein State Com #113H**

**Wellbore #1**

**Plan: State Plan #1**

## **Standard Planning Report**

**04 November, 2022**

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Server              | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Company:</b>  | Matador Production Company      | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Project:</b>  | Rustler Breaks                  | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site:</b>     | David Edelstein                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | State Plan #1                   |                                     |                                      |

|                    |                                      |                      |                             |
|--------------------|--------------------------------------|----------------------|-----------------------------|
| <b>Project</b>     | Rustler Breaks,                      |                      |                             |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level              |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                             |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      | Using geodetic scale factor |

|                       |                 |           |                 |            |                   |      |
|-----------------------|-----------------|-----------|-----------------|------------|-------------------|------|
| Site                  | David Edelstein |           |                 |            |                   |      |
| Site Position:        |                 | Northing: | 447,660.00 usft | Latitude:  | 32° 13' 50.090 N  |      |
| From:                 | Map             | Easting:  | 560,995.00 usft | Longitude: | 104° 8' 9.877 W   |      |
| Position Uncertainty: |                 | 0.0 usft  | Slot Radius:    | 13-3/16 "  | Grid Convergence: | 0.11 |

| Well                 | David Edelstein State Com #113H |            |                     |                 |               |                  |
|----------------------|---------------------------------|------------|---------------------|-----------------|---------------|------------------|
| Well Position        | +N/-S                           | -80.0 usft | Northing:           | 447,580.00 usft | Latitude:     | 32° 13' 49.297 N |
|                      | +E/-W                           | 30.0 usft  | Easting:            | 561,025.00 usft | Longitude:    | 104° 8' 9.529 W  |
| Position Uncertainty |                                 | 0.0 usft   | Wellhead Elevation: |                 | Ground Level: | 3,089.0 usft     |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2015          | 11/4/2022          | 6.63                   | 59.91                | 47,333.10271326            |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | State Plan #1                  |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PROTOTYPE           | <b>Tie On Depth:</b> | 0.0                  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.0                            | 0.0                 | 0.0                  | 267.01               |

|                                 |                        |                          |                             |                     |
|---------------------------------|------------------------|--------------------------|-----------------------------|---------------------|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 11/4/2022                |                             |                     |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>            | <b>Remarks</b>      |
| 1                               | 0.0                    | 17,292.9                 | State Plan #1 (Wellbore #1) | MWD                 |
|                                 |                        |                          |                             | OWSG MWD - Standard |

|                              |                        |                    |                              |                     |                     |                                |                               |                              |                |                       |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|-----------------------|
| <b>Plan Sections</b>         |                        |                    |                              |                     |                     |                                |                               |                              |                |                       |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> | <b>TFO (°)</b> | <b>Target</b>         |
| 0.0                          | 0.00                   | 0.00               | 0.0                          | 0.0                 | 0.0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                       |
| 1,000.0                      | 0.00                   | 0.00               | 1,000.0                      | 0.0                 | 0.0                 | 0.00                           | 0.00                          | 0.00                         | 0.00           |                       |
| 1,800.0                      | 8.00                   | 143.16             | 1,797.4                      | -44.6               | 33.4                | 1.00                           | 1.00                          | 0.00                         | 143.16         |                       |
| 4,140.4                      | 8.00                   | 143.16             | 4,115.0                      | -305.3              | 228.7               | 0.00                           | 0.00                          | 0.00                         | 0.00           |                       |
| 4,673.7                      | 0.00                   | 0.00               | 4,646.6                      | -335.0              | 251.0               | 1.50                           | -1.50                         | 0.00                         | 180.00         |                       |
| 6,454.1                      | 0.00                   | 0.00               | 6,427.0                      | -335.0              | 251.0               | 0.00                           | 0.00                          | 0.00                         | 0.00           | VP - David Edelstein  |
| 7,354.1                      | 90.00                  | 277.85             | 7,000.0                      | -256.8              | -316.6              | 10.00                          | 10.00                         | 0.00                         | 277.85         |                       |
| 7,838.6                      | 90.00                  | 268.16             | 7,000.0                      | -231.4              | -799.8              | 2.00                           | 0.00                          | -2.00                        | -90.00         |                       |
| 17,292.9                     | 90.00                  | 268.16             | 7,000.0                      | -535.0              | -10,249.2           | 0.00                           | 0.00                          | 0.00                         | 0.00           | BHL - David Edelstein |

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Server              | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Company:</b>  | Matador Production Company      | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Project:</b>  | Rustler Breaks                  | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site:</b>     | David Edelstein                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | State Plan #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) |
| 0.0                            | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                          | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                          | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                          | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                          | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                          | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                          | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                          | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 760.0                          | 0.00            | 0.00        | 760.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| Castile                        |                 |             |                       |              |              |                         |                         |                        |                       |
| 800.0                          | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                          | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0                        | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| Start Build 1.00               |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,100.0                        | 1.00            | 143.16      | 1,100.0               | -0.7         | 0.5          | -0.5                    | 1.00                    | 1.00                   | 0.00                  |
| 1,200.0                        | 2.00            | 143.16      | 1,200.0               | -2.8         | 2.1          | -1.9                    | 1.00                    | 1.00                   | 0.00                  |
| 1,300.0                        | 3.00            | 143.16      | 1,299.9               | -6.3         | 4.7          | -4.4                    | 1.00                    | 1.00                   | 0.00                  |
| 1,400.0                        | 4.00            | 143.16      | 1,399.7               | -11.2        | 8.4          | -7.8                    | 1.00                    | 1.00                   | 0.00                  |
| 1,500.0                        | 5.00            | 143.16      | 1,499.4               | -17.4        | 13.1         | -12.1                   | 1.00                    | 1.00                   | 0.00                  |
| 1,600.0                        | 6.00            | 143.16      | 1,598.9               | -25.1        | 18.8         | -17.5                   | 1.00                    | 1.00                   | 0.00                  |
| 1,700.0                        | 7.00            | 143.16      | 1,698.3               | -34.2        | 25.6         | -23.8                   | 1.00                    | 1.00                   | 0.00                  |
| 1,800.0                        | 8.00            | 143.16      | 1,797.4               | -44.6        | 33.4         | -31.1                   | 1.00                    | 1.00                   | 0.00                  |
| Start 2340.4 hold at 1800.0 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,900.0                        | 8.00            | 143.16      | 1,896.4               | -55.8        | 41.8         | -38.8                   | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0                        | 8.00            | 143.16      | 1,995.5               | -66.9        | 50.1         | -46.6                   | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0                        | 8.00            | 143.16      | 2,094.5               | -78.0        | 58.5         | -54.3                   | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0                        | 8.00            | 143.16      | 2,193.5               | -89.2        | 66.8         | -62.1                   | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0                        | 8.00            | 143.16      | 2,292.5               | -100.3       | 75.2         | -69.8                   | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0                        | 8.00            | 143.16      | 2,391.6               | -111.5       | 83.5         | -77.6                   | 0.00                    | 0.00                   | 0.00                  |
| 2,445.5                        | 8.00            | 143.16      | 2,436.6               | -116.5       | 87.3         | -81.1                   | 0.00                    | 0.00                   | 0.00                  |
| G30:CS14-CSB                   |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,454.1                        | 8.00            | 143.16      | 2,445.1               | -117.5       | 88.0         | -81.8                   | 0.00                    | 0.00                   | 0.00                  |
| G26: Bell Cyn.                 |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,500.0                        | 8.00            | 143.16      | 2,490.6               | -122.6       | 91.9         | -85.3                   | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0                        | 8.00            | 143.16      | 2,589.6               | -133.7       | 100.2        | -93.1                   | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0                        | 8.00            | 143.16      | 2,688.6               | -144.9       | 108.5        | -100.8                  | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0                        | 8.00            | 143.16      | 2,787.7               | -156.0       | 116.9        | -108.6                  | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0                        | 8.00            | 143.16      | 2,886.7               | -167.1       | 125.2        | -116.3                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                        | 8.00            | 143.16      | 2,985.7               | -178.3       | 133.6        | -124.1                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                        | 8.00            | 143.16      | 3,084.8               | -189.4       | 141.9        | -131.9                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0                        | 8.00            | 143.16      | 3,183.8               | -200.6       | 150.3        | -139.6                  | 0.00                    | 0.00                   | 0.00                  |
| 3,272.0                        | 8.00            | 143.16      | 3,255.1               | -208.6       | 156.3        | -145.2                  | 0.00                    | 0.00                   | 0.00                  |
| G13: Cherry Cyn.               |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,300.0                        | 8.00            | 143.16      | 3,282.8               | -211.7       | 158.6        | -147.4                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0                        | 8.00            | 143.16      | 3,381.8               | -222.8       | 167.0        | -155.1                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0                        | 8.00            | 143.16      | 3,480.9               | -234.0       | 175.3        | -162.9                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0                        | 8.00            | 143.16      | 3,579.9               | -245.1       | 183.6        | -170.6                  | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0                        | 8.00            | 143.16      | 3,678.9               | -256.2       | 192.0        | -178.4                  | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0                        | 8.00            | 143.16      | 3,777.9               | -267.4       | 200.3        | -186.1                  | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0                        | 8.00            | 143.16      | 3,877.0               | -278.5       | 208.7        | -193.9                  | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0                        | 8.00            | 143.16      | 3,976.0               | -289.7       | 217.0        | -201.6                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0                        | 8.00            | 143.16      | 4,075.0               | -300.8       | 225.4        | -209.4                  | 0.00                    | 0.00                   | 0.00                  |
| 4,140.4                        | 8.00            | 143.16      | 4,115.0               | -305.3       | 228.7        | -212.5                  | 0.00                    | 0.00                   | 0.00                  |

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Server              | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Company:</b>  | Matador Production Company      | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Project:</b>  | Rustler Breaks                  | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site:</b>     | David Edelstein                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | State Plan #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) |
| <b>Start Drop -1.50</b>                                         |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,200.0                                                         | 7.11            | 143.16      | 4,174.1               | -311.6       | 233.4        | -216.9                  | 1.50                    | -1.50                  | 0.00                  |
| 4,300.0                                                         | 5.61            | 143.16      | 4,273.5               | -320.4       | 240.1        | -223.0                  | 1.50                    | -1.50                  | 0.00                  |
| 4,349.4                                                         | 4.87            | 143.16      | 4,322.6               | -324.0       | 242.8        | -225.6                  | 1.50                    | -1.50                  | 0.00                  |
| <b>G7: Brushy Cyn.</b>                                          |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,400.0                                                         | 4.11            | 143.16      | 4,373.1               | -327.2       | 245.2        | -227.8                  | 1.50                    | -1.50                  | 0.00                  |
| 4,500.0                                                         | 2.61            | 143.16      | 4,473.0               | -331.9       | 248.7        | -231.0                  | 1.50                    | -1.50                  | 0.00                  |
| 4,600.0                                                         | 1.11            | 143.16      | 4,572.9               | -334.5       | 250.6        | -232.8                  | 1.50                    | -1.50                  | 0.00                  |
| 4,673.7                                                         | 0.00            | 0.00        | 4,646.6               | -335.0       | 251.0        | -233.2                  | 1.50                    | -1.50                  | 0.00                  |
| <b>Start 1780.4 hold at 4673.7 MD</b>                           |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,700.0                                                         | 0.00            | 0.00        | 4,672.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0                                                         | 0.00            | 0.00        | 4,772.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0                                                         | 0.00            | 0.00        | 4,872.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0                                                         | 0.00            | 0.00        | 4,972.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0                                                         | 0.00            | 0.00        | 5,072.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0                                                         | 0.00            | 0.00        | 5,172.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0                                                         | 0.00            | 0.00        | 5,272.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0                                                         | 0.00            | 0.00        | 5,372.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0                                                         | 0.00            | 0.00        | 5,472.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0                                                         | 0.00            | 0.00        | 5,572.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0                                                         | 0.00            | 0.00        | 5,672.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0                                                         | 0.00            | 0.00        | 5,772.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0                                                         | 0.00            | 0.00        | 5,872.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,940.1                                                         | 0.00            | 0.00        | 5,913.0               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| <b>G4: BSGL (CS9)</b>                                           |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,000.0                                                         | 0.00            | 0.00        | 5,972.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0                                                         | 0.00            | 0.00        | 6,072.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0                                                         | 0.00            | 0.00        | 6,172.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0                                                         | 0.00            | 0.00        | 6,272.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0                                                         | 0.00            | 0.00        | 6,372.9               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| 6,454.1                                                         | 0.00            | 0.00        | 6,427.0               | -335.0       | 251.0        | -233.2                  | 0.00                    | 0.00                   | 0.00                  |
| <b>Start Build 10.00 - VP - David Edelstein State Com #113H</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,500.0                                                         | 4.59            | 277.85      | 6,472.8               | -334.8       | 249.2        | -231.4                  | 10.00                   | 10.00                  | 0.00                  |
| 6,550.0                                                         | 9.59            | 277.85      | 6,522.4               | -334.0       | 243.1        | -225.4                  | 10.00                   | 10.00                  | 0.00                  |
| 6,600.0                                                         | 14.59           | 277.85      | 6,571.3               | -332.5       | 232.7        | -215.1                  | 10.00                   | 10.00                  | 0.00                  |
| 6,627.0                                                         | 17.29           | 277.85      | 6,597.3               | -331.5       | 225.4        | -207.8                  | 10.00                   | 10.00                  | 0.00                  |
| <b>L5.3: FBSC</b>                                               |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,650.0                                                         | 19.59           | 277.85      | 6,619.1               | -330.5       | 218.2        | -200.7                  | 10.00                   | 10.00                  | 0.00                  |
| 6,700.0                                                         | 24.59           | 277.85      | 6,665.4               | -327.9       | 199.6        | -182.2                  | 10.00                   | 10.00                  | 0.00                  |
| 6,750.0                                                         | 29.59           | 277.85      | 6,709.9               | -324.8       | 177.0        | -159.8                  | 10.00                   | 10.00                  | 0.00                  |
| 6,800.0                                                         | 34.59           | 277.85      | 6,752.3               | -321.2       | 150.7        | -133.8                  | 10.00                   | 10.00                  | 0.00                  |
| 6,850.0                                                         | 39.59           | 277.85      | 6,792.1               | -317.1       | 120.8        | -104.2                  | 10.00                   | 10.00                  | 0.00                  |
| 6,900.0                                                         | 44.59           | 277.85      | 6,829.2               | -312.5       | 87.7         | -71.2                   | 10.00                   | 10.00                  | 0.00                  |
| 6,931.8                                                         | 47.77           | 277.85      | 6,851.2               | -309.4       | 64.9         | -48.7                   | 10.00                   | 10.00                  | 0.00                  |
| <b>FTP - David Edelstein State Com #113H</b>                    |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,950.0                                                         | 49.59           | 277.85      | 6,863.3               | -307.5       | 51.4         | -35.3                   | 10.00                   | 10.00                  | 0.00                  |
| 7,000.0                                                         | 54.59           | 277.85      | 6,894.0               | -302.1       | 12.3         | 3.4                     | 10.00                   | 10.00                  | 0.00                  |
| 7,019.2                                                         | 56.51           | 277.85      | 6,904.8               | -300.0       | -3.4         | 19.0                    | 10.00                   | 10.00                  | 0.00                  |
| <b>L5.1: FBSC</b>                                               |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,021.9                                                         | 56.78           | 277.85      | 6,906.3               | -299.7       | -5.6         | 21.2                    | 10.00                   | 10.00                  | 0.00                  |
| <b>L5.1: FBSC</b>                                               |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,050.0                                                         | 59.59           | 277.85      | 6,921.1               | -296.4       | -29.2        | 44.7                    | 10.00                   | 10.00                  | 0.00                  |
| 7,100.0                                                         | 64.59           | 277.85      | 6,944.5               | -290.4       | -73.0        | 88.0                    | 10.00                   | 10.00                  | 0.00                  |

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Server              | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Company:</b>  | Matador Production Company      | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Project:</b>  | Rustler Breaks                  | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site:</b>     | David Edelstein                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | State Plan #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) |
| 7,150.0                        | 69.59           | 277.85      | 6,964.0               | -284.1       | -118.6       | 133.3                   | 10.00                   | 10.00                  | 0.00                  |
| 7,200.0                        | 74.59           | 277.85      | 6,979.4               | -277.6       | -165.7       | 180.0                   | 10.00                   | 10.00                  | 0.00                  |
| 7,250.0                        | 79.59           | 277.85      | 6,990.5               | -270.9       | -214.0       | 227.8                   | 10.00                   | 10.00                  | 0.00                  |
| 7,300.0                        | 84.59           | 277.85      | 6,997.4               | -264.2       | -263.0       | 276.5                   | 10.00                   | 10.00                  | 0.00                  |
| 7,354.1                        | 90.00           | 277.85      | 7,000.0               | -256.8       | -316.6       | 329.5                   | 10.00                   | 10.00                  | 0.00                  |
| Start DLS 2.00 TFO -90.00      |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,400.0                        | 90.00           | 276.93      | 7,000.0               | -250.9       | -362.1       | 374.7                   | 2.00                    | 0.00                   | -2.00                 |
| 7,500.0                        | 90.00           | 274.93      | 7,000.0               | -240.6       | -461.5       | 473.4                   | 2.00                    | 0.00                   | -2.00                 |
| 7,600.0                        | 90.00           | 272.93      | 7,000.0               | -233.7       | -561.3       | 572.7                   | 2.00                    | 0.00                   | -2.00                 |
| 7,700.0                        | 90.00           | 270.93      | 7,000.0               | -230.3       | -661.2       | 672.3                   | 2.00                    | 0.00                   | -2.00                 |
| 7,800.0                        | 90.00           | 268.93      | 7,000.0               | -230.4       | -761.2       | 772.2                   | 2.00                    | 0.00                   | -2.00                 |
| 7,838.6                        | 90.00           | 268.16      | 7,000.0               | -231.4       | -799.8       | 810.8                   | 2.00                    | 0.00                   | -2.00                 |
| Start 9454.3 hold at 7838.6 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,900.0                        | 90.00           | 268.16      | 7,000.0               | -233.4       | -861.2       | 872.2                   | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0                        | 90.00           | 268.16      | 7,000.0               | -236.6       | -961.1       | 972.2                   | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0                        | 90.00           | 268.16      | 7,000.0               | -239.8       | -1,061.1     | 1,072.1                 | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0                        | 90.00           | 268.16      | 7,000.0               | -243.0       | -1,161.0     | 1,172.1                 | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0                        | 90.00           | 268.16      | 7,000.0               | -246.2       | -1,261.0     | 1,272.1                 | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0                        | 90.00           | 268.16      | 7,000.0               | -249.4       | -1,360.9     | 1,372.1                 | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0                        | 90.00           | 268.16      | 7,000.0               | -252.7       | -1,460.9     | 1,472.1                 | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0                        | 90.00           | 268.16      | 7,000.0               | -255.9       | -1,560.8     | 1,572.0                 | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0                        | 90.00           | 268.16      | 7,000.0               | -259.1       | -1,660.8     | 1,672.0                 | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0                        | 90.00           | 268.16      | 7,000.0               | -262.3       | -1,760.7     | 1,772.0                 | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0                        | 90.00           | 268.16      | 7,000.0               | -265.5       | -1,860.7     | 1,872.0                 | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0                        | 90.00           | 268.16      | 7,000.0               | -268.7       | -1,960.6     | 1,972.0                 | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0                        | 90.00           | 268.16      | 7,000.0               | -271.9       | -2,060.6     | 2,071.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0                        | 90.00           | 268.16      | 7,000.0               | -275.1       | -2,160.5     | 2,171.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0                        | 90.00           | 268.16      | 7,000.0               | -278.3       | -2,260.5     | 2,271.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0                        | 90.00           | 268.16      | 7,000.0               | -281.6       | -2,360.4     | 2,371.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0                        | 90.00           | 268.16      | 7,000.0               | -284.8       | -2,460.4     | 2,471.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0                        | 90.00           | 268.16      | 7,000.0               | -288.0       | -2,560.3     | 2,571.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                        | 90.00           | 268.16      | 7,000.0               | -291.2       | -2,660.2     | 2,671.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                        | 90.00           | 268.16      | 7,000.0               | -294.4       | -2,760.2     | 2,771.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                        | 90.00           | 268.16      | 7,000.0               | -297.6       | -2,860.1     | 2,871.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                       | 90.00           | 268.16      | 7,000.0               | -300.8       | -2,960.1     | 2,971.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                       | 90.00           | 268.16      | 7,000.0               | -304.0       | -3,060.0     | 3,071.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                       | 90.00           | 268.16      | 7,000.0               | -307.2       | -3,160.0     | 3,171.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                       | 90.00           | 268.16      | 7,000.0               | -310.5       | -3,259.9     | 3,271.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                       | 90.00           | 268.16      | 7,000.0               | -313.7       | -3,359.9     | 3,371.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                       | 90.00           | 268.16      | 7,000.0               | -316.9       | -3,459.8     | 3,471.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                       | 90.00           | 268.16      | 7,000.0               | -320.1       | -3,559.8     | 3,571.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0                       | 90.00           | 268.16      | 7,000.0               | -323.3       | -3,659.7     | 3,671.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                       | 90.00           | 268.16      | 7,000.0               | -326.5       | -3,759.7     | 3,771.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                       | 90.00           | 268.16      | 7,000.0               | -329.7       | -3,859.6     | 3,871.6                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                       | 90.00           | 268.16      | 7,000.0               | -332.9       | -3,959.6     | 3,971.6                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                       | 90.00           | 268.16      | 7,000.0               | -336.1       | -4,059.5     | 4,071.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                       | 90.00           | 268.16      | 7,000.0               | -339.4       | -4,159.5     | 4,171.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                       | 90.00           | 268.16      | 7,000.0               | -342.6       | -4,259.4     | 4,271.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                       | 90.00           | 268.16      | 7,000.0               | -345.8       | -4,359.4     | 4,371.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                       | 90.00           | 268.16      | 7,000.0               | -349.0       | -4,459.3     | 4,471.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                       | 90.00           | 268.16      | 7,000.0               | -352.2       | -4,559.3     | 4,571.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                       | 90.00           | 268.16      | 7,000.0               | -355.4       | -4,659.2     | 4,671.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                       | 90.00           | 268.16      | 7,000.0               | -358.6       | -4,759.2     | 4,771.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                       | 90.00           | 268.16      | 7,000.0               | -361.8       | -4,859.1     | 4,871.4                 | 0.00                    | 0.00                   | 0.00                  |

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Server              | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Company:</b>  | Matador Production Company      | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Project:</b>  | Rustler Breaks                  | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site:</b>     | David Edelstein                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | State Plan #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) |  |
| 12,000.0              | 90.00           | 268.16      | 7,000.0               | -365.0       | -4,959.1     | 4,971.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,100.0              | 90.00           | 268.16      | 7,000.0               | -368.3       | -5,059.0     | 5,071.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,200.0              | 90.00           | 268.16      | 7,000.0               | -371.5       | -5,159.0     | 5,171.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,300.0              | 90.00           | 268.16      | 7,000.0               | -374.7       | -5,258.9     | 5,271.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,400.0              | 90.00           | 268.16      | 7,000.0               | -377.9       | -5,358.9     | 5,371.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,500.0              | 90.00           | 268.16      | 7,000.0               | -381.1       | -5,458.8     | 5,471.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,600.0              | 90.00           | 268.16      | 7,000.0               | -384.3       | -5,558.8     | 5,571.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,700.0              | 90.00           | 268.16      | 7,000.0               | -387.5       | -5,658.7     | 5,671.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,800.0              | 90.00           | 268.16      | 7,000.0               | -390.7       | -5,758.6     | 5,771.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 12,900.0              | 90.00           | 268.16      | 7,000.0               | -393.9       | -5,858.6     | 5,871.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,000.0              | 90.00           | 268.16      | 7,000.0               | -397.2       | -5,958.5     | 5,971.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,100.0              | 90.00           | 268.16      | 7,000.0               | -400.4       | -6,058.5     | 6,071.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,200.0              | 90.00           | 268.16      | 7,000.0               | -403.6       | -6,158.4     | 6,171.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,300.0              | 90.00           | 268.16      | 7,000.0               | -406.8       | -6,258.4     | 6,271.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,400.0              | 90.00           | 268.16      | 7,000.0               | -410.0       | -6,358.3     | 6,371.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,500.0              | 90.00           | 268.16      | 7,000.0               | -413.2       | -6,458.3     | 6,471.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,600.0              | 90.00           | 268.16      | 7,000.0               | -416.4       | -6,558.2     | 6,571.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,700.0              | 90.00           | 268.16      | 7,000.0               | -419.6       | -6,658.2     | 6,671.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,800.0              | 90.00           | 268.16      | 7,000.0               | -422.8       | -6,758.1     | 6,771.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,900.0              | 90.00           | 268.16      | 7,000.0               | -426.1       | -6,858.1     | 6,871.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000.0              | 90.00           | 268.16      | 7,000.0               | -429.3       | -6,958.0     | 6,970.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,100.0              | 90.00           | 268.16      | 7,000.0               | -432.5       | -7,058.0     | 7,070.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,200.0              | 90.00           | 268.16      | 7,000.0               | -435.7       | -7,157.9     | 7,170.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300.0              | 90.00           | 268.16      | 7,000.0               | -438.9       | -7,257.9     | 7,270.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,400.0              | 90.00           | 268.16      | 7,000.0               | -442.1       | -7,357.8     | 7,370.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,500.0              | 90.00           | 268.16      | 7,000.0               | -445.3       | -7,457.8     | 7,470.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,600.0              | 90.00           | 268.16      | 7,000.0               | -448.5       | -7,557.7     | 7,570.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,700.0              | 90.00           | 268.16      | 7,000.0               | -451.7       | -7,657.7     | 7,670.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,800.0              | 90.00           | 268.16      | 7,000.0               | -455.0       | -7,757.6     | 7,770.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.0              | 90.00           | 268.16      | 7,000.0               | -458.2       | -7,857.6     | 7,870.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.0              | 90.00           | 268.16      | 7,000.0               | -461.4       | -7,957.5     | 7,970.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.0              | 90.00           | 268.16      | 7,000.0               | -464.6       | -8,057.5     | 8,070.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.0              | 90.00           | 268.16      | 7,000.0               | -467.8       | -8,157.4     | 8,170.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300.0              | 90.00           | 268.16      | 7,000.0               | -471.0       | -8,257.4     | 8,270.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400.0              | 90.00           | 268.16      | 7,000.0               | -474.2       | -8,357.3     | 8,370.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,500.0              | 90.00           | 268.16      | 7,000.0               | -477.4       | -8,457.3     | 8,470.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.0              | 90.00           | 268.16      | 7,000.0               | -480.7       | -8,557.2     | 8,570.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.0              | 90.00           | 268.16      | 7,000.0               | -483.9       | -8,657.2     | 8,670.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.0              | 90.00           | 268.16      | 7,000.0               | -487.1       | -8,757.1     | 8,770.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.0              | 90.00           | 268.16      | 7,000.0               | -490.3       | -8,857.1     | 8,870.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.0              | 90.00           | 268.16      | 7,000.0               | -493.5       | -8,957.0     | 8,970.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.0              | 90.00           | 268.16      | 7,000.0               | -496.7       | -9,056.9     | 9,070.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.0              | 90.00           | 268.16      | 7,000.0               | -499.9       | -9,156.9     | 9,170.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.0              | 90.00           | 268.16      | 7,000.0               | -503.1       | -9,256.8     | 9,270.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.0              | 90.00           | 268.16      | 7,000.0               | -506.3       | -9,356.8     | 9,370.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,500.0              | 90.00           | 268.16      | 7,000.0               | -509.6       | -9,456.7     | 9,470.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,600.0              | 90.00           | 268.16      | 7,000.0               | -512.8       | -9,556.7     | 9,570.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,700.0              | 90.00           | 268.16      | 7,000.0               | -516.0       | -9,656.6     | 9,670.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,800.0              | 90.00           | 268.16      | 7,000.0               | -519.2       | -9,756.6     | 9,770.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,900.0              | 90.00           | 268.16      | 7,000.0               | -522.4       | -9,856.5     | 9,870.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,000.0              | 90.00           | 268.16      | 7,000.0               | -525.6       | -9,956.5     | 9,970.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,100.0              | 90.00           | 268.16      | 7,000.0               | -528.8       | -10,056.4    | 10,070.3                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,200.0              | 90.00           | 268.16      | 7,000.0               | -532.0       | -10,156.4    | 10,170.3                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,292.9              | 90.00           | 268.16      | 7,000.0               | -535.0       | -10,249.2    | 10,263.2                | 0.00                    | 0.00                   | 0.00                  |  |

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.14 Server              | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Company:</b>  | Matador Production Company      | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Project:</b>  | Rustler Breaks                  | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site:</b>     | David Edelstein                 | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                     |                                     |                                      |
| <b>Design:</b>   | State Plan #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) |
| TD at 17292.9 - BHL - David Edelstein State Com #113H |                 |             |                       |              |              |                         |                         |                        |                       |

| Design Targets                                                                                                                 |               |              |            |              |              |                 |                |                  |                  |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|------------------|
| Target Name<br>- hit/miss target<br>- Shape                                                                                    | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude         | Longitude        |
| VP - David Edelstein Sta<br>- plan hits target center<br>- Point                                                               | 0.00          | 0.00         | 6,427.0    | -335.0       | 251.0        | 447,245.00      | 561,276.00     | 32° 13' 45.978 N | 104° 8' 6.614 W  |
| FTP - David Edelstein S<br>- plan misses target center by 203.2usft at 6931.8usft MD (6851.2 TVD, -309.4 N, 64.9 E)<br>- Point | 0.00          | 0.00         | 7,000.0    | -335.0       | 201.0        | 447,245.00      | 561,226.00     | 32° 13' 45.979 N | 104° 8' 7.196 W  |
| BHL - David Edelstein S<br>- plan hits target center<br>- Point                                                                | 0.00          | 0.00         | 7,000.0    | -535.0       | -10,249.2    | 447,045.00      | 550,776.00     | 32° 13' 44.174 N | 104° 10' 8.860 W |

| Formations            |                       |                  |           |         |                   |
|-----------------------|-----------------------|------------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name             | Lithology | Dip (°) | Dip Direction (°) |
| 760.0                 | 760.0                 | Castile          |           | 0.00    | 268.16            |
| 2,445.5               | 2,436.6               | G30:CS14-CSB     |           | 0.00    | 268.16            |
| 2,454.1               | 2,445.1               | G26: Bell Cyn.   |           | 0.00    | 268.16            |
| 3,272.0               | 3,255.1               | G13: Cherry Cyn. |           | 0.00    | 268.16            |
| 4,349.4               | 4,322.6               | G7: Brushy Cyn.  |           | 0.00    | 268.16            |
| 5,940.1               | 5,913.0               | G4: BSG (CS9)    |           | 0.00    | 268.16            |
| 6,627.0               | 6,597.3               | L5.3: FBSC       |           | 0.00    | 268.16            |
| 7,019.2               | 6,904.8               | L5.1: FBSG       |           | 0.00    | 268.16            |
| 7,021.9               | 6,906.3               | L5.1: FBSG       |           | 0.00    | 268.16            |

| Plan Annotations      |                       |                   |              |                                |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                        |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                |
| 1,000.0               | 1,000.0               | 0.0               | 0.0          | Start Build 1.00               |
| 1,800.0               | 1,797.4               | -44.6             | 33.4         | Start 2340.4 hold at 1800.0 MD |
| 4,140.4               | 4,115.0               | -305.3            | 228.7        | Start Drop -1.50               |
| 4,673.7               | 4,646.6               | -335.0            | 251.0        | Start 1780.4 hold at 4673.7 MD |
| 6,454.1               | 6,427.0               | -335.0            | 251.0        | Start Build 10.00              |
| 7,354.1               | 7,000.0               | -256.8            | -316.6       | Start DLS 2.00 TFO -90.00      |
| 7,838.6               | 7,000.0               | -231.4            | -799.8       | Start 9454.3 hold at 7838.6 MD |
| 17,292.9              | 7,000.0               | -535.0            | -10,249.2    | TD at 17292.9                  |

# **Matador Production Company**

**Rustler Breaks**

**David Edelstein**

**David Edelstein State Com #113H**

**Wellbore #1**

**State Plan #1**

## **Anticollision Report**

**04 November, 2022**

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                     |                                                                     |                       |                     |
|-------------------------------------|---------------------------------------------------------------------|-----------------------|---------------------|
| <b>Reference</b>                    | State Plan #1                                                       |                       |                     |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                       |                     |
| <b>Interpolation Method:</b>        | Stations                                                            | <b>Error Model:</b>   | ISCWSA              |
| <b>Depth Range:</b>                 | Unlimited                                                           | <b>Scan Method:</b>   | Closest Approach 3D |
| <b>Results Limited by:</b>          | Maximum center-center distance of 10,000.0 usft                     | <b>Error Surface:</b> | Pedal Curve         |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma                                                          | <b>Casing Method:</b> | Not applied         |

|                            |                  |                             |                  |                     |
|----------------------------|------------------|-----------------------------|------------------|---------------------|
| <b>Survey Tool Program</b> | <b>Date</b>      | 11/4/2022                   |                  |                     |
| <b>From (usft)</b>         | <b>To (usft)</b> | <b>Survey (Wellbore)</b>    | <b>Tool Name</b> | <b>Description</b>  |
| 0.0                        | 17,292.9         | State Plan #1 (Wellbore #1) | MWD              | OWSG MWD - Standard |

|                                                         |                                        |                                     |                                        |                                         |                          |                |
|---------------------------------------------------------|----------------------------------------|-------------------------------------|----------------------------------------|-----------------------------------------|--------------------------|----------------|
| <b>Summary</b>                                          |                                        |                                     |                                        |                                         |                          |                |
| <b>Site Name</b>                                        | <b>Reference Measured Depth (usft)</b> | <b>Offset Measured Depth (usft)</b> | <b>Distance Between Centres (usft)</b> | <b>Distance Between Ellipses (usft)</b> | <b>Separation Factor</b> | <b>Warning</b> |
| <b>Offset Well - Wellbore - Design</b>                  |                                        |                                     |                                        |                                         |                          |                |
| David Edelstein                                         |                                        |                                     |                                        |                                         |                          |                |
| David Edelstein #203H - Wellbore #1 - Actual            | 222.1                                  | 222.2                               | 114.0                                  | 113.1                                   | 125.533                  | CC             |
| David Edelstein #203H - Wellbore #1 - Actual            | 300.0                                  | 299.4                               | 114.2                                  | 112.7                                   | 76.132                   | ES             |
| David Edelstein #203H - Wellbore #1 - Actual            | 17,292.9                               | 19,425.0                            | 2,220.7                                | 2,000.9                                 | 10.106                   | SF             |
| David Edelstein #223 - OH - Actual                      | 960.9                                  | 961.1                               | 70.3                                   | 64.0                                    | 11.036                   | CC             |
| David Edelstein #223 - OH - Actual                      | 1,000.0                                | 1,000.1                             | 70.4                                   | 63.7                                    | 10.592                   | ES             |
| David Edelstein #223 - OH - Actual                      | 6,700.0                                | 6,684.2                             | 253.3                                  | 204.4                                   | 5.182                    | SF             |
| David Edelstein State Com #114H - Wellbore #1 - State P | 500.0                                  | 500.0                               | 30.0                                   | 26.9                                    | 9.604                    | CC, ES         |
| David Edelstein State Com #114H - Wellbore #1 - State P | 17,292.9                               | 17,400.7                            | 1,375.8                                | 868.3                                   | 2.711                    | SF             |
| David Edelstein State Com #123H - Wellbore #1 - State   | 1,436.9                                | 1,438.7                             | 26.4                                   | 16.7                                    | 2.727                    | CC             |
| David Edelstein State Com #123H - Wellbore #1 - State   | 1,500.0                                | 1,501.9                             | 26.8                                   | 16.7                                    | 2.645                    | ES, SF         |
| David Edelstein State Com #124H - Wellbore #1 - State   | 500.0                                  | 500.0                               | 42.4                                   | 39.3                                    | 13.582                   | CC             |
| David Edelstein State Com #124H - Wellbore #1 - State   | 600.0                                  | 599.6                               | 42.9                                   | 39.0                                    | 11.210                   | ES             |
| David Edelstein State Com #124H - Wellbore #1 - State   | 17,292.9                               | 18,111.1                            | 1,310.1                                | 894.7                                   | 3.154                    | SF             |

|                                |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  |                           |                |
|--------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design</b>           |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 202-MWD |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 0.0 usft       |
| <b>Reference</b>               | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Distance</b>         |                      |                              |                                            |                     |                               |                                |                                  |                           |                |
| <b>Measured Depth (usft)</b>   | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| 0.0                            | 0.0                          | 0.0                          | 0.0                          | 0.0                     | 0.0                  | -14.93                       | 110.2                                      | -29.4               | 114.0                         |                                |                                  |                           |                |
| 100.0                          | 100.0                        | 100.0                        | 100.0                        | 0.1                     | 0.2                  | -14.88                       | 110.2                                      | -29.3               | 114.0                         | 113.8                          | 0.28                             | 404.142                   |                |
| 200.0                          | 200.0                        | 200.1                        | 200.1                        | 0.5                     | 0.3                  | -14.75                       | 110.2                                      | -29.0               | 114.0                         | 113.2                          | 0.79                             | 143.450                   |                |
| 222.1                          | 222.1                        | 222.2                        | 222.2                        | 0.6                     | 0.3                  | -14.71                       | 110.2                                      | -28.9               | 114.0                         | 113.1                          | 0.91                             | 125.533                   | CC             |
| 300.0                          | 300.0                        | 299.4                        | 299.4                        | 0.8                     | 0.7                  | -14.59                       | 110.6                                      | -28.8               | 114.2                         | 112.7                          | 1.50                             | 76.132                    | ES             |
| 400.0                          | 400.0                        | 398.6                        | 398.6                        | 1.2                     | 1.0                  | -14.43                       | 111.5                                      | -28.7               | 115.1                         | 112.9                          | 2.21                             | 52.075                    |                |
| 500.0                          | 500.0                        | 498.8                        | 498.8                        | 1.6                     | 1.4                  | -14.31                       | 112.6                                      | -28.7               | 116.2                         | 113.3                          | 2.92                             | 39.784                    |                |
| 600.0                          | 600.0                        | 599.2                        | 599.1                        | 1.9                     | 1.7                  | -14.23                       | 113.5                                      | -28.8               | 117.1                         | 113.5                          | 3.64                             | 32.208                    |                |
| 700.0                          | 700.0                        | 699.6                        | 699.5                        | 2.3                     | 2.1                  | -14.10                       | 114.1                                      | -28.7               | 117.7                         | 113.3                          | 4.35                             | 27.039                    |                |
| 800.0                          | 800.0                        | 798.9                        | 798.9                        | 2.6                     | 2.4                  | -13.53                       | 115.1                                      | -27.7               | 118.4                         | 113.3                          | 5.07                             | 23.364                    |                |
| 900.0                          | 900.0                        | 898.5                        | 898.4                        | 3.0                     | 2.8                  | -12.28                       | 116.8                                      | -25.4               | 119.6                         | 113.8                          | 5.78                             | 20.681                    |                |
| 1,000.0                        | 1,000.0                      | 998.8                        | 998.7                        | 3.4                     | 3.1                  | -10.67                       | 118.7                                      | -22.4               | 120.8                         | 114.3                          | 6.50                             | 18.579                    |                |
| 1,100.0                        | 1,100.0                      | 1,098.7                      | 1,098.5                      | 3.7                     | 3.5                  | -152.16                      | 120.4                                      | -18.7               | 122.6                         | 115.4                          | 7.20                             | 17.020                    |                |
| 1,200.0                        | 1,200.0                      | 1,197.6                      | 1,197.2                      | 4.0                     | 3.9                  | -150.25                      | 122.7                                      | -13.6               | 126.5                         | 118.7                          | 7.89                             | 16.037                    |                |
| 1,300.0                        | 1,299.9                      | 1,297.0                      | 1,296.3                      | 4.4                     | 4.2                  | -148.20                      | 126.0                                      | -7.1                | 132.8                         | 124.2                          | 8.59                             | 15.468                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 202-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 1,400.0                 | 1,399.7               | 1,397.1               | 1,396.2               | 4.7              | 4.6           | -147.02               | 129.0                               | -1.4         | 140.5                  | 131.2                   | 9.29                      | 15.124            |                    |          |
| 1,500.0                 | 1,499.4               | 1,497.2               | 1,496.2               | 5.1              | 5.0           | -146.72               | 131.6                               | 3.4          | 149.4                  | 139.4                   | 10.00                     | 14.939            |                    |          |
| 1,600.0                 | 1,598.9               | 1,597.2               | 1,596.0               | 5.4              | 5.3           | -146.91               | 133.9                               | 7.8          | 159.4                  | 148.7                   | 10.71                     | 14.880            |                    |          |
| 1,700.0                 | 1,698.3               | 1,696.8               | 1,695.5               | 5.8              | 5.7           | -147.33               | 135.9                               | 12.4         | 170.6                  | 159.2                   | 11.43                     | 14.930            |                    |          |
| 1,800.0                 | 1,797.4               | 1,796.1               | 1,794.7               | 6.1              | 6.0           | -147.56               | 137.9                               | 18.4         | 183.2                  | 171.0                   | 12.15                     | 15.082            |                    |          |
| 1,900.0                 | 1,896.4               | 1,896.8               | 1,895.1               | 6.5              | 6.4           | -147.72               | 139.6                               | 25.2         | 196.1                  | 183.2                   | 12.87                     | 15.230            |                    |          |
| 2,000.0                 | 1,995.5               | 1,998.0               | 1,996.0               | 6.9              | 6.8           | -147.88               | 140.4                               | 32.1         | 208.1                  | 194.5                   | 13.61                     | 15.292            |                    |          |
| 2,100.0                 | 2,094.5               | 2,095.5               | 2,093.3               | 7.3              | 7.2           | -147.89               | 141.1                               | 39.3         | 220.0                  | 205.7                   | 14.33                     | 15.353            |                    |          |
| 2,200.0                 | 2,193.5               | 2,192.8               | 2,190.3               | 7.7              | 7.5           | -147.63               | 142.8                               | 47.4         | 232.8                  | 217.7                   | 15.05                     | 15.462            |                    |          |
| 2,300.0                 | 2,292.5               | 2,290.1               | 2,287.2               | 8.1              | 7.9           | -147.39               | 145.2                               | 55.5         | 246.3                  | 230.6                   | 15.78                     | 15.609            |                    |          |
| 2,400.0                 | 2,391.6               | 2,387.7               | 2,384.5               | 8.5              | 8.2           | -147.37               | 148.2                               | 62.7         | 260.6                  | 244.1                   | 16.51                     | 15.784            |                    |          |
| 2,500.0                 | 2,490.6               | 2,488.2               | 2,484.6               | 8.9              | 8.6           | -147.49               | 151.2                               | 69.4         | 274.8                  | 257.5                   | 17.26                     | 15.923            |                    |          |
| 2,600.0                 | 2,589.6               | 2,587.8               | 2,584.1               | 9.3              | 9.0           | -147.81               | 153.7                               | 75.1         | 288.6                  | 270.6                   | 17.99                     | 16.037            |                    |          |
| 2,700.0                 | 2,688.6               | 2,687.3               | 2,683.4               | 9.7              | 9.4           | -148.13               | 156.0                               | 80.6         | 302.2                  | 283.5                   | 18.73                     | 16.134            |                    |          |
| 2,800.0                 | 2,787.7               | 2,785.4               | 2,781.4               | 10.1             | 9.7           | -148.40               | 158.2                               | 86.2         | 315.8                  | 296.3                   | 19.46                     | 16.227            |                    |          |
| 2,900.0                 | 2,886.7               | 2,880.9               | 2,876.6               | 10.5             | 10.1          | -148.59               | 161.2                               | 91.8         | 330.2                  | 310.0                   | 20.18                     | 16.366            |                    |          |
| 3,000.0                 | 2,985.7               | 2,977.8               | 2,973.2               | 10.9             | 10.4          | -148.71               | 165.2                               | 97.8         | 345.6                  | 324.7                   | 20.90                     | 16.535            |                    |          |
| 3,100.0                 | 3,084.8               | 3,077.0               | 3,072.2               | 11.3             | 10.8          | -148.81               | 169.4                               | 103.9        | 361.0                  | 339.4                   | 21.64                     | 16.682            |                    |          |
| 3,200.0                 | 3,183.8               | 3,176.0               | 3,170.9               | 11.7             | 11.2          | -148.91               | 173.5                               | 110.0        | 376.4                  | 354.0                   | 22.38                     | 16.816            |                    |          |
| 3,300.0                 | 3,282.8               | 3,274.7               | 3,269.4               | 12.1             | 11.5          | -149.04               | 177.5                               | 115.8        | 391.8                  | 368.6                   | 23.12                     | 16.943            |                    |          |
| 3,400.0                 | 3,381.8               | 3,373.1               | 3,367.5               | 12.6             | 11.9          | -149.22               | 181.5                               | 121.2        | 407.2                  | 383.3                   | 23.86                     | 17.067            |                    |          |
| 3,500.0                 | 3,480.9               | 3,471.2               | 3,465.3               | 13.0             | 12.3          | -149.37               | 185.7                               | 126.7        | 422.7                  | 398.1                   | 24.59                     | 17.191            |                    |          |
| 3,600.0                 | 3,579.9               | 3,569.3               | 3,563.2               | 13.4             | 12.6          | -149.51               | 190.0                               | 132.1        | 438.5                  | 413.1                   | 25.32                     | 17.315            |                    |          |
| 3,700.0                 | 3,678.9               | 3,667.3               | 3,661.0               | 13.8             | 13.0          | -149.69               | 194.4                               | 137.1        | 454.3                  | 428.3                   | 26.06                     | 17.437            |                    |          |
| 3,800.0                 | 3,777.9               | 3,768.5               | 3,762.0               | 14.2             | 13.4          | -149.89               | 198.8                               | 142.2        | 470.1                  | 443.3                   | 26.81                     | 17.534            |                    |          |
| 3,900.0                 | 3,877.0               | 3,870.6               | 3,863.9               | 14.6             | 13.8          | -150.01               | 202.7                               | 147.9        | 485.2                  | 457.6                   | 27.57                     | 17.597            |                    |          |
| 4,000.0                 | 3,976.0               | 3,970.2               | 3,963.2               | 15.1             | 14.1          | -150.08               | 206.1                               | 153.8        | 499.9                  | 471.6                   | 28.32                     | 17.652            |                    |          |
| 4,100.0                 | 4,075.0               | 4,069.7               | 4,062.4               | 15.5             | 14.5          | -150.14               | 209.3                               | 159.9        | 514.5                  | 485.4                   | 29.07                     | 17.700            |                    |          |
| 4,140.4                 | 4,115.0               | 4,109.1               | 4,101.8               | 15.6             | 14.6          | -150.16               | 210.6                               | 162.3        | 520.4                  | 491.0                   | 29.36                     | 17.722            |                    |          |
| 4,200.0                 | 4,174.1               | 4,167.5               | 4,160.0               | 15.9             | 14.9          | -150.24               | 212.6                               | 165.7        | 528.7                  | 498.9                   | 29.80                     | 17.742            |                    |          |
| 4,300.0                 | 4,273.5               | 4,266.0               | 4,258.4               | 16.3             | 15.2          | -150.26               | 216.1                               | 171.3        | 541.1                  | 510.6                   | 30.53                     | 17.721            |                    |          |
| 4,400.0                 | 4,373.1               | 4,366.6               | 4,358.7               | 16.7             | 15.6          | -150.17               | 219.5                               | 176.7        | 551.1                  | 519.9                   | 31.28                     | 17.623            |                    |          |
| 4,500.0                 | 4,473.0               | 4,466.5               | 4,458.5               | 17.0             | 16.0          | -149.97               | 222.7                               | 181.9        | 558.8                  | 526.8                   | 32.01                     | 17.458            |                    |          |
| 4,600.0                 | 4,572.9               | 4,564.8               | 4,556.5               | 17.4             | 16.3          | -149.61               | 226.0                               | 187.0        | 564.3                  | 531.6                   | 32.72                     | 17.246            |                    |          |
| 4,673.7                 | 4,646.6               | 4,637.9               | 4,629.5               | 17.6             | 16.6          | -6.08                 | 228.7                               | 191.0        | 567.2                  | 533.9                   | 33.24                     | 17.060            |                    |          |
| 4,700.0                 | 4,672.9               | 4,664.8               | 4,656.4               | 17.7             | 16.7          | -5.91                 | 229.6                               | 192.6        | 567.9                  | 534.5                   | 33.44                     | 16.986            |                    |          |
| 4,800.0                 | 4,772.9               | 4,767.4               | 4,758.7               | 18.0             | 17.1          | -5.21                 | 233.0                               | 199.2        | 570.6                  | 536.5                   | 34.16                     | 16.703            |                    |          |
| 4,900.0                 | 4,872.9               | 4,868.7               | 4,859.7               | 18.3             | 17.5          | -4.45                 | 236.1                               | 206.6        | 573.0                  | 538.1                   | 34.89                     | 16.424            |                    |          |
| 5,000.0                 | 4,972.9               | 4,969.2               | 4,959.9               | 18.6             | 17.8          | -3.70                 | 238.9                               | 213.9        | 575.3                  | 539.7                   | 35.61                     | 16.157            |                    |          |
| 5,100.0                 | 5,072.9               | 5,069.2               | 5,059.5               | 19.0             | 18.2          | -2.98                 | 241.6                               | 221.0        | 577.5                  | 541.2                   | 36.32                     | 15.902            |                    |          |
| 5,200.0                 | 5,172.9               | 5,168.9               | 5,159.0               | 19.3             | 18.6          | -2.30                 | 244.2                               | 227.7        | 579.9                  | 542.9                   | 37.03                     | 15.660            |                    |          |
| 5,300.0                 | 5,272.9               | 5,269.1               | 5,258.9               | 19.6             | 19.0          | -1.67                 | 246.9                               | 234.1        | 582.3                  | 544.6                   | 37.74                     | 15.428            |                    |          |
| 5,400.0                 | 5,372.9               | 5,369.4               | 5,359.1               | 19.9             | 19.3          | -1.06                 | 249.4                               | 240.2        | 584.7                  | 546.2                   | 38.46                     | 15.203            |                    |          |
| 5,500.0                 | 5,472.9               | 5,473.0               | 5,462.4               | 20.2             | 19.7          | -0.50                 | 251.6                               | 246.0        | 586.8                  | 547.6                   | 39.19                     | 14.974            |                    |          |
| 5,600.0                 | 5,572.9               | 5,576.7               | 5,566.0               | 20.6             | 20.1          | -0.03                 | 253.2                               | 250.8        | 588.3                  | 548.3                   | 39.92                     | 14.737            |                    |          |
| 5,700.0                 | 5,672.9               | 5,673.8               | 5,663.1               | 20.9             | 20.5          | 0.29                  | 254.6                               | 254.0        | 589.8                  | 549.2                   | 40.60                     | 14.528            |                    |          |
| 5,800.0                 | 5,772.9               | 5,773.5               | 5,762.7               | 21.2             | 20.8          | 0.47                  | 256.4                               | 255.9        | 591.6                  | 550.3                   | 41.29                     | 14.328            |                    |          |
| 5,900.0                 | 5,872.9               | 5,875.9               | 5,865.1               | 21.5             | 21.2          | 0.41                  | 257.9                               | 255.3        | 593.0                  | 551.0                   | 41.97                     | 14.129            |                    |          |
| 6,000.0                 | 5,972.9               | 5,976.6               | 5,965.8               | 21.9             | 21.5          | 0.24                  | 259.2                               | 253.5        | 594.3                  | 551.7                   | 42.63                     | 13.940            |                    |          |
| 6,100.0                 | 6,072.9               | 6,078.3               | 6,067.5               | 22.2             | 21.8          | -0.01                 | 260.3                               | 250.9        | 595.4                  | 552.1                   | 43.30                     | 13.750            |                    |          |
| 6,200.0                 | 6,172.9               | 6,183.5               | 6,172.6               | 22.5             | 22.1          | -0.28                 | 260.9                               | 248.1        | 596.0                  | 552.0                   | 43.97                     | 13.553            |                    |          |
| 6,300.0                 | 6,272.9               | 6,284.9               | 6,274.0               | 22.8             | 22.5          | -0.42                 | 260.7                               | 246.7        | 595.7                  | 551.1                   | 44.64                     | 13.347            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 202-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 6,400.0                 | 6,372.9               | 6,386.6               | 6,375.7               | 23.2             | 22.8          | -0.39                 | 260.4                               | 247.0        | 595.5                  | 550.1                   | 45.31                     | 13.141            |                    |          |
| 6,454.1                 | 6,427.0               | 6,441.7               | 6,430.8               | 23.4             | 23.0          | -0.32                 | 260.1                               | 247.7        | 595.2                  | 549.5                   | 45.69                     | 13.027            |                    |          |
| 6,500.0                 | 6,472.8               | 6,488.2               | 6,477.3               | 23.5             | 23.1          | 82.14                 | 259.8                               | 248.5        | 594.6                  | 548.6                   | 46.00                     | 12.925            |                    |          |
| 6,550.0                 | 6,522.4               | 6,537.8               | 6,526.9               | 23.6             | 23.3          | 82.93                 | 259.4                               | 249.4        | 593.4                  | 547.1                   | 46.33                     | 12.807            |                    |          |
| 6,600.0                 | 6,571.3               | 6,586.6               | 6,575.7               | 23.8             | 23.5          | 84.13                 | 259.0                               | 250.1        | 591.8                  | 545.2                   | 46.65                     | 12.685            |                    |          |
| 6,650.0                 | 6,619.1               | 6,633.3               | 6,622.4               | 23.9             | 23.6          | 85.68                 | 258.7                               | 250.6        | 590.1                  | 543.1                   | 46.96                     | 12.567            |                    |          |
| 6,700.0                 | 6,665.4               | 6,678.6               | 6,667.7               | 24.0             | 23.8          | 87.51                 | 258.5                               | 251.0        | 588.7                  | 541.4                   | 47.25                     | 12.457            |                    |          |
| 6,750.0                 | 6,709.9               | 6,723.7               | 6,712.7               | 24.1             | 23.9          | 89.62                 | 258.2                               | 251.3        | 587.8                  | 540.2                   | 47.54                     | 12.364            |                    |          |
| 6,771.4                 | 6,728.3               | 6,742.4               | 6,731.4               | 24.2             | 24.0          | 90.57                 | 258.1                               | 251.4        | 587.7                  | 540.0                   | 47.66                     | 12.330            |                    |          |
| 6,800.0                 | 6,752.3               | 6,766.7               | 6,755.7               | 24.2             | 24.1          | 91.86                 | 258.0                               | 251.6        | 587.9                  | 540.1                   | 47.82                     | 12.294            |                    |          |
| 6,850.0                 | 6,792.1               | 6,805.6               | 6,794.7               | 24.3             | 24.2          | 94.00                 | 257.7                               | 251.7        | 589.5                  | 541.4                   | 48.09                     | 12.259            |                    |          |
| 6,900.0                 | 6,829.2               | 6,841.4               | 6,830.4               | 24.4             | 24.3          | 95.96                 | 257.6                               | 251.9        | 593.3                  | 544.9                   | 48.35                     | 12.271            |                    |          |
| 6,950.0                 | 6,863.3               | 6,874.4               | 6,863.5               | 24.5             | 24.5          | 97.66                 | 257.5                               | 252.0        | 599.6                  | 551.0                   | 48.60                     | 12.336            |                    |          |
| 7,000.0                 | 6,894.0               | 6,905.1               | 6,894.1               | 24.6             | 24.6          | 99.05                 | 257.4                               | 252.2        | 608.8                  | 559.9                   | 48.86                     | 12.459            |                    |          |
| 7,050.0                 | 6,921.1               | 6,931.9               | 6,921.0               | 24.7             | 24.7          | 99.93                 | 257.3                               | 252.4        | 621.2                  | 572.1                   | 49.11                     | 12.649            |                    |          |
| 7,100.0                 | 6,944.5               | 6,954.8               | 6,943.8               | 24.9             | 24.7          | 100.21                | 257.2                               | 252.6        | 637.1                  | 587.7                   | 49.35                     | 12.909            |                    |          |
| 7,150.0                 | 6,964.0               | 6,973.8               | 6,962.8               | 25.1             | 24.8          | 99.81                 | 257.1                               | 252.9        | 656.4                  | 606.8                   | 49.57                     | 13.241            |                    |          |
| 7,200.0                 | 6,979.4               | 6,988.8               | 6,977.8               | 25.4             | 24.9          | 98.66                 | 257.0                               | 253.1        | 679.1                  | 629.3                   | 49.78                     | 13.642            |                    |          |
| 7,250.0                 | 6,990.5               | 6,999.4               | 6,988.4               | 25.8             | 24.9          | 96.66                 | 256.9                               | 253.2        | 704.9                  | 654.9                   | 49.96                     | 14.109            |                    |          |
| 7,300.0                 | 6,997.4               | 7,005.6               | 6,994.6               | 26.2             | 24.9          | 93.78                 | 256.8                               | 253.3        | 733.5                  | 683.4                   | 50.11                     | 14.639            |                    |          |
| 7,354.1                 | 7,000.0               | 7,007.4               | 6,996.4               | 26.7             | 24.9          | 89.65                 | 256.8                               | 253.3        | 767.2                  | 716.9                   | 50.23                     | 15.272            |                    |          |
| 7,400.0                 | 7,000.0               | 7,006.6               | 6,995.7               | 27.1             | 24.9          | 89.57                 | 256.8                               | 253.3        | 797.8                  | 747.5                   | 50.32                     | 15.853            |                    |          |
| 7,500.0                 | 7,000.0               | 7,005.1               | 6,994.1               | 28.2             | 24.9          | 89.40                 | 256.8                               | 253.3        | 870.8                  | 820.3                   | 50.50                     | 17.245            |                    |          |
| 7,600.0                 | 7,000.0               | 7,003.6               | 6,992.6               | 29.5             | 24.9          | 89.21                 | 256.8                               | 253.3        | 950.9                  | 900.2                   | 50.64                     | 18.776            |                    |          |
| 7,700.0                 | 7,000.0               | 7,002.2               | 6,991.2               | 30.9             | 24.9          | 89.00                 | 256.9                               | 253.2        | 1,036.2                | 985.4                   | 50.76                     | 20.413            |                    |          |
| 7,800.0                 | 7,000.0               | 7,000.7               | 6,989.8               | 32.4             | 24.9          | 88.76                 | 256.9                               | 253.2        | 1,125.5                | 1,074.6                 | 50.85                     | 22.132            |                    |          |
| 7,838.6                 | 7,000.0               | 7,000.2               | 6,989.2               | 33.0             | 24.9          | 88.65                 | 256.9                               | 253.2        | 1,160.8                | 1,109.9                 | 50.88                     | 22.813            |                    |          |
| 7,900.0                 | 7,000.0               | 6,999.4               | 6,988.4               | 34.0             | 24.9          | 88.54                 | 256.9                               | 253.2        | 1,217.5                | 1,166.6                 | 50.93                     | 23.908            |                    |          |
| 8,000.0                 | 7,000.0               | 6,998.0               | 6,987.0               | 35.8             | 24.9          | 88.37                 | 256.9                               | 253.2        | 1,310.8                | 1,259.8                 | 50.99                     | 25.709            |                    |          |
| 8,100.0                 | 7,000.0               | 6,996.7               | 6,985.7               | 37.6             | 24.9          | 88.20                 | 256.9                               | 253.2        | 1,405.0                | 1,354.0                 | 51.04                     | 27.528            |                    |          |
| 8,200.0                 | 7,000.0               | 6,995.3               | 6,984.4               | 39.4             | 24.9          | 88.03                 | 256.9                               | 253.1        | 1,500.0                | 1,448.9                 | 51.09                     | 29.362            |                    |          |
| 8,300.0                 | 7,000.0               | 6,994.0               | 6,983.0               | 41.4             | 24.9          | 87.87                 | 256.9                               | 253.1        | 1,595.6                | 1,544.5                 | 51.13                     | 31.206            |                    |          |
| 8,400.0                 | 7,000.0               | 6,992.7               | 6,981.7               | 43.4             | 24.9          | 87.70                 | 256.9                               | 253.1        | 1,691.7                | 1,640.5                 | 51.17                     | 33.060            |                    |          |
| 8,500.0                 | 7,000.0               | 6,991.4               | 6,980.4               | 45.4             | 24.9          | 87.54                 | 256.9                               | 253.1        | 1,788.2                | 1,737.0                 | 51.21                     | 34.921            |                    |          |
| 8,600.0                 | 7,000.0               | 6,990.1               | 6,979.1               | 47.5             | 24.9          | 87.37                 | 257.0                               | 253.1        | 1,885.1                | 1,833.9                 | 51.24                     | 36.788            |                    |          |
| 8,700.0                 | 7,000.0               | 6,988.8               | 6,977.8               | 49.6             | 24.9          | 87.21                 | 257.0                               | 253.1        | 1,982.3                | 1,931.0                 | 51.28                     | 38.660            |                    |          |
| 8,800.0                 | 7,000.0               | 6,987.5               | 6,976.6               | 51.7             | 24.9          | 87.05                 | 257.0                               | 253.0        | 2,079.8                | 2,028.4                 | 51.31                     | 40.535            |                    |          |
| 8,900.0                 | 7,000.0               | 6,986.3               | 6,975.3               | 53.9             | 24.8          | 86.89                 | 257.0                               | 253.0        | 2,177.4                | 2,126.1                 | 51.34                     | 42.414            |                    |          |
| 9,000.0                 | 7,000.0               | 6,985.0               | 6,974.0               | 56.0             | 24.8          | 86.74                 | 257.0                               | 253.0        | 2,275.3                | 2,224.0                 | 51.37                     | 44.295            |                    |          |
| 9,100.0                 | 7,000.0               | 11,412.3              | 9,254.8               | 58.3             | 63.3          | 166.88                | 251.7                               | -2,131.7     | 2,316.0                | 2,268.3                 | 47.69                     | 48.562            |                    |          |
| 9,198.6                 | 7,000.0               | 11,458.0              | 9,253.9               | 60.4             | 64.3          | 166.80                | 253.3                               | -2,177.4     | 2,315.1                | 2,266.1                 | 48.99                     | 47.254            |                    |          |
| 9,200.0                 | 7,000.0               | 11,458.0              | 9,253.9               | 60.5             | 64.3          | 166.80                | 253.3                               | -2,177.4     | 2,315.1                | 2,266.1                 | 49.01                     | 47.242            |                    |          |
| 9,300.0                 | 7,000.0               | 11,508.5              | 9,254.2               | 62.7             | 65.4          | 166.73                | 254.7                               | -2,227.9     | 2,316.6                | 2,266.2                 | 50.38                     | 45.982            |                    |          |
| 9,400.0                 | 7,000.0               | 11,770.8              | 9,247.4               | 65.0             | 71.0          | 166.49                | 254.4                               | -2,489.9     | 2,314.1                | 2,260.4                 | 53.73                     | 43.066            |                    |          |
| 9,500.0                 | 7,000.0               | 11,837.0              | 9,244.7               | 67.2             | 72.4          | 166.46                | 253.1                               | -2,556.1     | 2,310.3                | 2,255.0                 | 55.22                     | 41.835            |                    |          |
| 9,600.0                 | 7,000.0               | 11,958.5              | 9,239.6               | 69.5             | 75.1          | 166.41                | 250.0                               | -2,677.4     | 2,306.3                | 2,249.1                 | 57.22                     | 40.307            |                    |          |
| 9,700.0                 | 7,000.0               | 12,026.0              | 9,236.8               | 71.8             | 76.6          | 166.36                | 249.1                               | -2,744.9     | 2,302.7                | 2,243.9                 | 58.76                     | 39.191            |                    |          |
| 9,800.0                 | 7,000.0               | 12,092.9              | 9,235.1               | 74.1             | 78.1          | 166.33                | 247.9                               | -2,811.8     | 2,300.5                | 2,240.2                 | 60.29                     | 38.161            |                    |          |
| 9,900.0                 | 7,000.0               | 12,240.3              | 9,231.4               | 76.4             | 81.4          | 166.31                | 243.0                               | -2,959.0     | 2,298.1                | 2,235.6                 | 62.50                     | 36.769            |                    |          |
| 10,000.0                | 7,000.0               | 12,310.0              | 9,229.4               | 78.7             | 82.9          | 166.31                | 240.3                               | -3,028.6     | 2,295.2                | 2,231.2                 | 64.02                     | 35.850            |                    |          |
| 10,100.0                | 7,000.0               | 12,450.4              | 9,223.9               | 81.1             | 86.1          | 166.32                | 234.2                               | -3,168.7     | 2,290.7                | 2,224.6                 | 66.15                     | 34.627            |                    |          |
| 10,200.0                | 7,000.0               | 12,579.5              | 9,220.1               | 83.4             | 89.0          | 166.39                | 226.0                               | -3,297.5     | 2,287.4                | 2,219.3                 | 68.08                     | 33.597            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 202-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 10,300.0                | 7,000.0               | 12,665.0              | 9,216.0               | 85.7             | 90.9          | 166.42                | 221.2                               | -3,382.8     | 2,282.2                | 2,212.5                 | 69.72                     | 32.734            |                    |          |
| 10,400.0                | 7,000.0               | 12,841.9              | 9,204.4               | 88.1             | 94.9          | 166.49                | 209.9                               | -3,558.9     | 2,274.4                | 2,202.4                 | 72.05                     | 31.567            |                    |          |
| 10,500.0                | 7,000.0               | 12,878.0              | 9,201.7               | 90.4             | 95.8          | 166.49                | 208.2                               | -3,594.9     | 2,267.5                | 2,194.2                 | 73.33                     | 30.923            |                    |          |
| 10,600.0                | 7,000.0               | 12,935.4              | 9,198.6               | 92.8             | 97.1          | 166.47                | 206.2                               | -3,652.2     | 2,262.6                | 2,187.8                 | 74.80                     | 30.250            |                    |          |
| 10,700.0                | 7,000.0               | 12,979.1              | 9,197.7               | 95.2             | 98.1          | 166.46                | 205.2                               | -3,695.9     | 2,260.6                | 2,184.5                 | 76.14                     | 29.691            |                    |          |
| 10,800.0                | 7,000.0               | 13,068.6              | 9,197.3               | 97.5             | 100.2         | 166.48                | 201.4                               | -3,785.2     | 2,260.0                | 2,182.2                 | 77.83                     | 29.040            |                    |          |
| 10,900.0                | 7,000.0               | 13,260.0              | 9,196.0               | 99.9             | 104.6         | 166.64                | 188.4                               | -3,976.2     | 2,259.3                | 2,179.2                 | 80.17                     | 28.182            |                    |          |
| 11,000.0                | 7,000.0               | 13,341.2              | 9,192.9               | 102.3            | 106.4         | 166.65                | 184.6                               | -4,057.3     | 2,255.3                | 2,173.5                 | 81.81                     | 27.569            |                    |          |
| 11,100.0                | 7,000.0               | 13,398.3              | 9,191.5               | 104.6            | 107.8         | 166.66                | 182.0                               | -4,114.2     | 2,252.6                | 2,169.4                 | 83.23                     | 27.065            |                    |          |
| 11,185.8                | 7,000.0               | 13,446.0              | 9,191.4               | 106.7            | 108.9         | 166.68                | 179.5                               | -4,161.9     | 2,251.9                | 2,167.5                 | 84.40                     | 26.681            |                    |          |
| 11,200.0                | 7,000.0               | 13,446.0              | 9,191.4               | 107.0            | 108.9         | 166.68                | 179.5                               | -4,161.9     | 2,252.0                | 2,167.5                 | 84.53                     | 26.642            |                    |          |
| 11,300.0                | 7,000.0               | 13,522.2              | 9,192.2               | 109.4            | 110.7         | 166.70                | 176.5                               | -4,238.0     | 2,253.0                | 2,166.9                 | 86.09                     | 26.170            |                    |          |
| 11,400.0                | 7,000.0               | 13,636.4              | 9,193.4               | 111.8            | 113.3         | 166.64                | 175.7                               | -4,352.2     | 2,254.6                | 2,166.4                 | 88.19                     | 25.566            |                    |          |
| 11,500.0                | 7,000.0               | 11,500.0              | 9,191.2               | 114.2            | 63.2          | 166.46                | 176.8                               | -4,521.4     | 2,254.2                | 2,184.2                 | 70.04                     | 32.186            |                    |          |
| 11,600.0                | 7,000.0               | 13,884.1              | 9,187.6               | 116.6            | 119.2         | 166.30                | 180.2                               | -4,599.6     | 2,251.8                | 2,158.8                 | 93.03                     | 24.204            |                    |          |
| 11,648.1                | 7,000.0               | 13,909.0              | 9,186.9               | 117.7            | 119.7         | 166.23                | 181.8                               | -4,624.5     | 2,251.6                | 2,157.8                 | 93.85                     | 23.993            |                    |          |
| 11,700.0                | 7,000.0               | 13,928.6              | 9,186.7               | 118.9            | 120.2         | 166.18                | 183.1                               | -4,644.0     | 2,252.1                | 2,157.5                 | 94.61                     | 23.804            |                    |          |
| 11,800.0                | 7,000.0               | 13,977.2              | 9,186.8               | 121.3            | 121.3         | 166.07                | 186.2                               | -4,692.6     | 2,254.7                | 2,158.5                 | 96.21                     | 23.436            |                    |          |
| 11,900.0                | 7,000.0               | 14,213.1              | 9,182.7               | 123.7            | 126.9         | 165.36                | 206.4                               | -4,927.5     | 2,256.5                | 2,155.5                 | 101.03                    | 22.335            |                    |          |
| 12,000.0                | 7,000.0               | 14,284.0              | 9,179.4               | 126.1            | 128.6         | 165.12                | 213.2                               | -4,997.9     | 2,255.2                | 2,151.9                 | 103.26                    | 21.839            |                    |          |
| 12,020.3                | 7,000.0               | 14,284.0              | 9,179.4               | 126.6            | 128.6         | 165.12                | 213.2                               | -4,997.9     | 2,255.1                | 2,151.6                 | 103.46                    | 21.796            |                    |          |
| 12,100.0                | 7,000.0               | 14,334.4              | 9,177.9               | 128.5            | 129.8         | 164.94                | 218.3                               | -5,048.0     | 2,255.5                | 2,150.4                 | 105.14                    | 21.453            |                    |          |
| 12,200.0                | 7,000.0               | 14,396.0              | 9,177.0               | 130.9            | 131.2         | 164.73                | 224.7                               | -5,109.3     | 2,257.8                | 2,150.5                 | 107.21                    | 21.058            |                    |          |
| 12,300.0                | 7,000.0               | 14,464.5              | 9,177.7               | 133.3            | 132.9         | 164.56                | 229.6                               | -5,177.6     | 2,261.5                | 2,152.3                 | 109.25                    | 20.700            |                    |          |
| 12,400.0                | 7,000.0               | 14,578.2              | 9,181.8               | 135.7            | 135.6         | 164.51                | 229.4                               | -5,291.1     | 2,265.8                | 2,154.3                 | 111.50                    | 20.321            |                    |          |
| 12,500.0                | 7,000.0               | 12,500.0              | 9,187.0               | 138.1            | 170.9         | 164.76                | 212.7                               | -5,536.7     | 2,267.6                | 2,182.7                 | 84.88                     | 26.716            |                    |          |
| 12,600.0                | 7,000.0               | 14,925.1              | 9,185.3               | 140.5            | 143.7         | 164.93                | 202.1                               | -5,636.7     | 2,264.0                | 2,148.3                 | 115.65                    | 19.577            |                    |          |
| 12,700.0                | 7,000.0               | 14,982.9              | 9,186.5               | 143.0            | 145.1         | 165.13                | 192.2                               | -5,693.7     | 2,262.3                | 2,145.7                 | 116.64                    | 19.396            |                    |          |
| 12,800.0                | 7,000.0               | 12,800.0              | 9,181.6               | 145.4            | 93.1          | 165.45                | 170.0                               | -5,932.9     | 2,259.2                | 2,163.3                 | 95.95                     | 23.547            |                    |          |
| 12,900.0                | 7,000.0               | 15,305.4              | 9,175.3               | 147.8            | 152.7         | 165.38                | 168.8                               | -6,014.3     | 2,252.3                | 2,131.6                 | 120.77                    | 18.650            |                    |          |
| 13,000.0                | 7,000.0               | 15,392.9              | 9,169.5               | 150.2            | 154.8         | 165.27                | 168.8                               | -6,101.7     | 2,246.6                | 2,123.7                 | 122.90                    | 18.280            |                    |          |
| 13,100.0                | 7,000.0               | 15,473.5              | 9,164.2               | 152.6            | 156.7         | 165.15                | 169.7                               | -6,182.0     | 2,241.4                | 2,116.4                 | 125.03                    | 17.927            |                    |          |
| 13,200.0                | 7,000.0               | 15,514.0              | 9,161.8               | 155.0            | 157.7         | 165.09                | 170.4                               | -6,222.5     | 2,237.6                | 2,111.0                 | 126.67                    | 17.666            |                    |          |
| 13,300.0                | 7,000.0               | 15,577.8              | 9,159.6               | 157.4            | 159.2         | 165.00                | 171.1                               | -6,286.2     | 2,235.8                | 2,107.2                 | 128.52                    | 17.396            |                    |          |
| 13,314.9                | 7,000.0               | 15,584.3              | 9,159.5               | 157.8            | 159.3         | 165.00                | 171.1                               | -6,292.7     | 2,235.7                | 2,107.0                 | 128.75                    | 17.365            |                    |          |
| 13,400.0                | 7,000.0               | 15,654.7              | 9,159.7               | 159.8            | 161.0         | 164.95                | 170.7                               | -6,363.1     | 2,236.4                | 2,106.0                 | 130.39                    | 17.151            |                    |          |
| 13,500.0                | 7,000.0               | 15,747.2              | 9,159.8               | 162.3            | 163.2         | 164.94                | 168.4                               | -6,455.6     | 2,236.7                | 2,104.4                 | 132.31                    | 16.905            |                    |          |
| 13,600.0                | 7,000.0               | 15,974.9              | 9,156.9               | 164.7            | 168.7         | 165.03                | 156.6                               | -6,682.8     | 2,235.2                | 2,100.1                 | 135.07                    | 16.549            |                    |          |
| 13,700.0                | 7,000.0               | 16,099.0              | 9,150.1               | 167.1            | 171.7         | 165.01                | 151.4                               | -6,806.6     | 2,229.6                | 2,092.4                 | 137.22                    | 16.248            |                    |          |
| 13,800.0                | 7,000.0               | 16,159.9              | 9,147.4               | 169.5            | 173.1         | 165.04                | 147.9                               | -6,867.4     | 2,224.6                | 2,085.8                 | 138.81                    | 16.027            |                    |          |
| 13,900.0                | 7,000.0               | 16,237.1              | 9,145.4               | 171.9            | 175.0         | 165.09                | 142.7                               | -6,944.3     | 2,221.2                | 2,080.8                 | 140.38                    | 15.822            |                    |          |
| 14,000.0                | 7,000.0               | 16,318.2              | 9,143.5               | 174.4            | 176.9         | 165.11                | 138.7                               | -7,025.3     | 2,218.5                | 2,076.4                 | 142.09                    | 15.613            |                    |          |
| 14,100.0                | 7,000.0               | 16,424.1              | 9,140.8               | 176.8            | 179.4         | 165.05                | 137.1                               | -7,131.2     | 2,216.5                | 2,072.2                 | 144.29                    | 15.361            |                    |          |
| 14,200.0                | 7,000.0               | 16,506.3              | 9,138.1               | 179.2            | 181.4         | 164.98                | 136.6                               | -7,213.3     | 2,214.1                | 2,067.7                 | 146.33                    | 15.131            |                    |          |
| 14,300.0                | 7,000.0               | 16,606.7              | 9,136.4               | 181.6            | 183.8         | 164.90                | 136.1                               | -7,313.7     | 2,213.1                | 2,064.6                 | 148.55                    | 14.898            |                    |          |
| 14,400.0                | 7,000.0               | 16,736.7              | 9,131.6               | 184.0            | 187.0         | 164.77                | 135.9                               | -7,443.6     | 2,210.2                | 2,059.0                 | 151.23                    | 14.615            |                    |          |
| 14,500.0                | 7,000.0               | 16,840.5              | 9,127.5               | 186.5            | 189.5         | 164.67                | 135.2                               | -7,547.3     | 2,207.1                | 2,053.6                 | 153.55                    | 14.374            |                    |          |
| 14,600.0                | 7,000.0               | 16,887.5              | 9,126.3               | 188.9            | 190.6         | 164.64                | 134.5                               | -7,594.3     | 2,205.1                | 2,049.9                 | 155.17                    | 14.211            |                    |          |
| 14,634.0                | 7,000.0               | 16,903.6              | 9,126.2               | 189.7            | 191.0         | 164.64                | 134.2                               | -7,610.4     | 2,205.0                | 2,049.3                 | 155.69                    | 14.163            |                    |          |
| 14,700.0                | 7,000.0               | 16,934.0              | 9,126.4               | 191.3            | 191.7         | 164.64                | 133.4                               | -7,640.8     | 2,205.5                | 2,048.9                 | 156.63                    | 14.081            |                    |          |
| 14,800.0                | 7,000.0               | 14,800.0              | 9,127.8               | 193.7            | 140.2         | 164.55                | 132.8                               | -7,778.6     | 2,207.6                | 2,070.6                 | 137.02                    | 16.112            |                    |          |
| 14,900.0                | 7,000.0               | 17,258.6              | 9,121.0               | 196.2            | 199.6         | 164.42                | 130.0                               | -7,965.2     | 2,203.7                | 2,041.2                 | 162.50                    | 13.561            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 202-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 15,000.0                | 7,000.0               | 17,337.1              | 9,117.9               | 198.6            | 201.5         | 164.38                | 128.2                               | -8,043.6     | 2,200.1                | 2,035.6                 | 164.47                    | 13.377            |                    |          |
| 15,100.0                | 7,000.0               | 17,403.0              | 9,116.3               | 201.0            | 203.0         | 164.37                | 126.3                               | -8,109.4     | 2,197.8                | 2,031.6                 | 166.23                    | 13.222            |                    |          |
| 15,200.0                | 7,000.0               | 17,477.1              | 9,115.7               | 203.5            | 204.8         | 164.36                | 123.8                               | -8,183.5     | 2,197.0                | 2,029.0                 | 167.98                    | 13.079            |                    |          |
| 15,300.0                | 7,000.0               | 15,300.0              | 9,113.2               | 205.9            | 152.2         | 164.23                | 124.3                               | -8,309.1     | 2,196.1                | 2,048.2                 | 147.95                    | 14.844            |                    |          |
| 15,400.0                | 7,000.0               | 17,716.0              | 9,107.9               | 208.3            | 210.6         | 164.05                | 126.4                               | -8,422.2     | 2,192.8                | 2,019.2                 | 173.57                    | 12.633            |                    |          |
| 15,500.0                | 7,000.0               | 17,775.1              | 9,105.7               | 210.7            | 212.0         | 163.95                | 127.8                               | -8,481.2     | 2,191.1                | 2,015.5                 | 175.62                    | 12.477            |                    |          |
| 15,507.9                | 7,000.0               | 17,778.4              | 9,105.7               | 210.9            | 212.1         | 163.95                | 127.9                               | -8,484.6     | 2,191.1                | 2,015.4                 | 175.76                    | 12.467            |                    |          |
| 15,600.0                | 7,000.0               | 17,827.3              | 9,105.4               | 213.2            | 213.3         | 163.86                | 129.5                               | -8,533.4     | 2,192.2                | 2,014.7                 | 177.50                    | 12.350            |                    |          |
| 15,700.0                | 7,000.0               | 17,913.6              | 9,105.6               | 215.6            | 215.4         | 163.71                | 133.0                               | -8,619.6     | 2,194.5                | 2,014.4                 | 180.03                    | 12.190            |                    |          |
| 15,800.0                | 7,000.0               | 17,991.3              | 9,106.6               | 218.0            | 217.3         | 163.58                | 136.0                               | -8,697.3     | 2,197.6                | 2,015.2                 | 182.34                    | 12.052            |                    |          |
| 15,900.0                | 7,000.0               | 18,175.7              | 9,105.3               | 220.5            | 221.7         | 163.23                | 143.7                               | -8,881.4     | 2,198.9                | 2,012.0                 | 186.86                    | 11.768            |                    |          |
| 16,000.0                | 7,000.0               | 18,328.6              | 9,100.9               | 222.9            | 225.5         | 163.03                | 145.4                               | -9,034.3     | 2,197.2                | 2,007.0                 | 190.26                    | 11.549            |                    |          |
| 16,100.0                | 7,000.0               | 18,452.9              | 9,095.8               | 225.3            | 228.5         | 162.91                | 144.6                               | -9,158.5     | 2,194.1                | 2,001.1                 | 193.02                    | 11.367            |                    |          |
| 16,200.0                | 7,000.0               | 18,552.4              | 9,091.2               | 227.7            | 230.9         | 162.81                | 144.0                               | -9,257.8     | 2,190.4                | 1,994.8                 | 195.55                    | 11.201            |                    |          |
| 16,300.0                | 7,000.0               | 18,599.6              | 9,089.4               | 230.2            | 232.0         | 162.76                | 144.1                               | -9,305.1     | 2,187.9                | 1,990.4                 | 197.46                    | 11.080            |                    |          |
| 16,350.6                | 7,000.0               | 18,622.8              | 9,088.9               | 231.4            | 232.6         | 162.73                | 144.4                               | -9,328.3     | 2,187.6                | 1,989.2                 | 198.39                    | 11.027            |                    |          |
| 16,400.0                | 7,000.0               | 18,649.0              | 9,088.7               | 232.6            | 233.2         | 162.70                | 144.8                               | -9,354.4     | 2,187.9                | 1,988.6                 | 199.34                    | 10.976            |                    |          |
| 16,500.0                | 7,000.0               | 18,711.6              | 9,089.1               | 235.0            | 234.7         | 162.62                | 146.0                               | -9,417.0     | 2,189.9                | 1,988.6                 | 201.36                    | 10.875            |                    |          |
| 16,600.0                | 7,000.0               | 18,788.7              | 9,090.7               | 237.5            | 236.6         | 162.54                | 147.3                               | -9,494.0     | 2,193.3                | 1,989.8                 | 203.55                    | 10.775            |                    |          |
| 16,700.0                | 7,000.0               | 18,873.5              | 9,093.0               | 239.9            | 238.7         | 162.45                | 148.9                               | -9,578.9     | 2,197.5                | 1,991.6                 | 205.87                    | 10.674            |                    |          |
| 16,800.0                | 7,000.0               | 19,000.1              | 9,097.0               | 242.3            | 241.7         | 162.34                | 150.6                               | -9,705.3     | 2,202.0                | 1,993.1                 | 208.87                    | 10.542            |                    |          |
| 16,900.0                | 7,000.0               | 19,077.2              | 9,098.9               | 244.8            | 243.6         | 162.28                | 150.9                               | -9,782.4     | 2,205.5                | 1,994.6                 | 210.93                    | 10.456            |                    |          |
| 17,000.0                | 7,000.0               | 19,200.4              | 9,103.5               | 247.2            | 246.6         | 162.22                | 150.9                               | -9,905.5     | 2,210.2                | 1,996.5                 | 213.64                    | 10.345            |                    |          |
| 17,100.0                | 7,000.0               | 19,302.3              | 9,105.5               | 249.6            | 249.1         | 162.14                | 151.8                               | -10,007.5    | 2,213.3                | 1,997.1                 | 216.21                    | 10.237            |                    |          |
| 17,200.0                | 7,000.0               | 19,401.1              | 9,107.8               | 252.1            | 251.5         | 162.07                | 152.1                               | -10,106.2    | 2,216.6                | 1,997.9                 | 218.65                    | 10.138            |                    |          |
| 17,292.9                | 7,000.0               | 19,425.0              | 9,108.3               | 254.3            | 252.1         | 162.05                | 152.1                               | -10,130.1    | 2,220.7                | 2,000.9                 | 219.73                    | 10.106 SF         |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 135-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 0.0                     | 0.0                   | 0.0                   | 0.0                   | 0.0              | 0.0           | -20.56                | 80.0                                | -30.0        | 85.4                   |                         |                           |                   |                    |          |
| 100.0                   | 100.0                 | 100.1                 | 100.1                 | 0.1              | 0.1           | -20.50                | 80.0                                | -29.9        | 85.4                   | 85.1                    | 0.27                      | 316.733           |                    |          |
| 200.0                   | 200.0                 | 200.5                 | 200.5                 | 0.5              | 0.4           | -20.23                | 79.9                                | -29.4        | 85.1                   | 84.2                    | 0.91                      | 93.210            |                    |          |
| 300.0                   | 300.0                 | 301.7                 | 301.7                 | 0.8              | 0.8           | -19.55                | 79.1                                | -28.1        | 83.9                   | 82.3                    | 1.64                      | 51.179            |                    |          |
| 400.0                   | 400.0                 | 402.1                 | 402.0                 | 1.2              | 1.2           | -18.65                | 77.3                                | -26.1        | 81.6                   | 79.2                    | 2.36                      | 34.588            |                    |          |
| 500.0                   | 500.0                 | 502.3                 | 502.2                 | 1.6              | 1.5           | -17.58                | 75.2                                | -23.8        | 78.9                   | 75.8                    | 3.08                      | 25.648            |                    |          |
| 600.0                   | 600.0                 | 602.4                 | 602.2                 | 1.9              | 1.9           | -16.42                | 72.9                                | -21.5        | 76.1                   | 72.3                    | 3.80                      | 20.036            |                    |          |
| 700.0                   | 700.0                 | 701.5                 | 701.3                 | 2.3              | 2.3           | -15.28                | 71.2                                | -19.4        | 73.8                   | 69.3                    | 4.51                      | 16.363            |                    |          |
| 800.0                   | 800.0                 | 801.3                 | 801.1                 | 2.6              | 2.6           | -14.38                | 69.9                                | -17.9        | 72.2                   | 66.9                    | 5.23                      | 13.803            |                    |          |
| 900.0                   | 900.0                 | 901.0                 | 900.7                 | 3.0              | 3.0           | -13.56                | 68.7                                | -16.6        | 70.7                   | 64.7                    | 5.94                      | 11.890            |                    |          |
| 960.9                   | 960.9                 | 961.1                 | 960.9                 | 3.2              | 3.2           | -13.30                | 68.4                                | -16.2        | 70.3                   | 64.0                    | 6.37                      | 11.036 CC         |                    |          |
| 1,000.0                 | 1,000.0               | 1,000.1               | 999.9                 | 3.4              | 3.3           | -13.26                | 68.5                                | -16.1        | 70.4                   | 63.7                    | 6.64                      | 10.592 ES         |                    |          |
| 1,100.0                 | 1,100.0               | 1,100.2               | 1,100.0               | 3.7              | 3.7           | -156.88               | 68.7                                | -16.4        | 71.4                   | 64.1                    | 7.32                      | 9.751             |                    |          |
| 1,200.0                 | 1,200.0               | 1,200.2               | 1,200.0               | 4.0              | 4.0           | -158.10               | 68.4                                | -16.9        | 73.6                   | 65.7                    | 7.99                      | 9.221             |                    |          |
| 1,300.0                 | 1,299.9               | 1,299.8               | 1,299.6               | 4.4              | 4.3           | -159.70               | 68.4                                | -17.5        | 77.9                   | 69.3                    | 8.66                      | 9.003             |                    |          |
| 1,400.0                 | 1,399.7               | 1,399.4               | 1,399.2               | 4.7              | 4.7           | -161.78               | 68.5                                | -18.6        | 84.1                   | 74.8                    | 9.33                      | 9.017             |                    |          |
| 1,500.0                 | 1,499.4               | 1,498.9               | 1,498.7               | 5.1              | 5.0           | -164.02               | 68.8                                | -19.9        | 92.3                   | 82.3                    | 10.01                     | 9.224             |                    |          |
| 1,600.0                 | 1,598.9               | 1,598.9               | 1,598.7               | 5.4              | 5.3           | -165.90               | 69.0                                | -20.8        | 102.2                  | 91.5                    | 10.70                     | 9.547             |                    |          |
| 1,700.0                 | 1,698.3               | 1,699.4               | 1,699.1               | 5.8              | 5.7           | -166.98               | 69.1                                | -20.1        | 112.9                  | 101.5                   | 11.40                     | 9.905             |                    |          |
| 1,800.0                 | 1,797.4               | 1,799.6               | 1,799.4               | 6.1              | 6.0           | -167.53               | 68.7                                | -18.1        | 124.5                  | 112.4                   | 12.11                     | 10.284            |                    |          |
| 1,900.0                 | 1,896.4               | 1,898.4               | 1,898.1               | 6.5              | 6.4           | -168.00               | 68.2                                | -15.8        | 136.7                  | 123.9                   | 12.81                     | 10.670            |                    |          |
| 2,000.0                 | 1,995.5               | 1,998.3               | 1,998.0               | 6.9              | 6.8           | -168.72               | 67.3                                | -14.3        | 148.8                  | 135.3                   | 13.52                     | 11.013            |                    |          |
| 2,100.0                 | 2,094.5               | 2,095.7               | 2,095.3               | 7.3              | 7.1           | -169.28               | 66.8                                | -12.9        | 161.5                  | 147.2                   | 14.21                     | 11.360            |                    |          |
| 2,200.0                 | 2,193.5               | 2,194.3               | 2,193.9               | 7.7              | 7.5           | -169.55               | 67.3                                | -11.2        | 174.8                  | 159.9                   | 14.92                     | 11.719            |                    |          |
| 2,300.0                 | 2,292.5               | 2,293.8               | 2,293.4               | 8.1              | 7.8           | -170.00               | 67.4                                | -10.0        | 188.1                  | 172.5                   | 15.63                     | 12.040            |                    |          |
| 2,400.0                 | 2,391.6               | 2,392.9               | 2,392.6               | 8.5              | 8.2           | -170.65               | 67.0                                | -9.7         | 201.3                  | 185.0                   | 16.33                     | 12.327            |                    |          |
| 2,500.0                 | 2,490.6               | 2,491.6               | 2,491.2               | 8.9              | 8.5           | -171.17               | 66.8                                | -9.3         | 214.7                  | 197.7                   | 17.04                     | 12.602            |                    |          |
| 2,600.0                 | 2,589.6               | 2,590.8               | 2,590.5               | 9.3              | 8.9           | -171.63               | 66.7                                | -8.9         | 228.2                  | 210.4                   | 17.75                     | 12.855            |                    |          |
| 2,700.0                 | 2,688.6               | 2,690.7               | 2,690.4               | 9.7              | 9.2           | -172.06               | 66.3                                | -8.4         | 241.4                  | 222.9                   | 18.47                     | 13.073            |                    |          |
| 2,800.0                 | 2,787.7               | 2,790.4               | 2,790.0               | 10.1             | 9.6           | -172.42               | 65.7                                | -7.7         | 254.3                  | 235.2                   | 19.18                     | 13.259            |                    |          |
| 2,900.0                 | 2,886.7               | 2,889.3               | 2,889.0               | 10.5             | 9.9           | -172.73               | 65.2                                | -6.9         | 267.3                  | 247.4                   | 19.90                     | 13.433            |                    |          |
| 3,000.0                 | 2,985.7               | 2,990.1               | 2,989.7               | 10.9             | 10.3          | -173.00               | 64.6                                | -6.0         | 280.1                  | 259.5                   | 20.62                     | 13.586            |                    |          |
| 3,100.0                 | 3,084.8               | 3,094.9               | 3,094.5               | 11.3             | 10.7          | -173.05               | 63.2                                | -3.5         | 291.7                  | 270.3                   | 21.37                     | 13.652            |                    |          |
| 3,200.0                 | 3,183.8               | 3,199.7               | 3,199.1               | 11.7             | 11.1          | -172.83               | 60.8                                | 1.2          | 301.2                  | 279.1                   | 22.11                     | 13.625            |                    |          |
| 3,300.0                 | 3,282.8               | 3,301.9               | 3,301.1               | 12.1             | 11.4          | -172.39               | 57.9                                | 7.7          | 309.5                  | 286.6                   | 22.84                     | 13.547            |                    |          |
| 3,400.0                 | 3,381.8               | 3,401.9               | 3,400.8               | 12.6             | 11.8          | -171.89               | 54.9                                | 14.6         | 317.3                  | 293.7                   | 23.57                     | 13.459            |                    |          |
| 3,500.0                 | 3,480.9               | 3,503.7               | 3,502.3               | 13.0             | 12.2          | -171.43               | 51.5                                | 21.8         | 324.8                  | 300.5                   | 24.31                     | 13.360            |                    |          |
| 3,600.0                 | 3,579.9               | 3,604.1               | 3,602.3               | 13.4             | 12.6          | -171.07               | 47.5                                | 28.6         | 331.9                  | 306.9                   | 25.05                     | 13.251            |                    |          |
| 3,700.0                 | 3,678.9               | 3,702.5               | 3,700.5               | 13.8             | 13.0          | -170.77               | 43.7                                | 35.1         | 339.1                  | 313.4                   | 25.78                     | 13.156            |                    |          |
| 3,800.0                 | 3,777.9               | 3,801.8               | 3,799.6               | 14.2             | 13.4          | -170.49               | 40.0                                | 41.4         | 346.7                  | 320.2                   | 26.51                     | 13.077            |                    |          |
| 3,900.0                 | 3,877.0               | 3,907.4               | 3,904.8               | 14.6             | 13.8          | -170.13               | 35.6                                | 48.9         | 353.5                  | 326.3                   | 27.27                     | 12.965            |                    |          |
| 4,000.0                 | 3,976.0               | 4,015.2               | 4,012.0               | 15.1             | 14.3          | -169.52               | 29.8                                | 59.0         | 358.2                  | 330.1                   | 28.03                     | 12.780            |                    |          |
| 4,100.0                 | 4,075.0               | 4,119.1               | 4,114.9               | 15.5             | 14.7          | -168.63               | 23.5                                | 71.3         | 361.2                  | 332.4                   | 28.79                     | 12.545            |                    |          |
| 4,140.4                 | 4,115.0               | 4,160.4               | 4,155.8               | 15.6             | 14.9          | -168.24               | 20.8                                | 76.6         | 362.2                  | 333.1                   | 29.10                     | 12.445            |                    |          |
| 4,200.0                 | 4,174.1               | 4,219.2               | 4,214.0               | 15.9             | 15.2          | -167.68               | 17.1                                | 84.0         | 363.2                  | 333.7                   | 29.57                     | 12.285            |                    |          |
| 4,300.0                 | 4,273.5               | 4,318.6               | 4,312.4               | 16.3             | 15.6          | -166.69               | 10.8                                | 96.3         | 363.2                  | 332.9                   | 30.35                     | 11.969            |                    |          |
| 4,400.0                 | 4,373.1               | 4,417.1               | 4,410.1               | 16.7             | 16.1          | -165.70               | 4.5                                 | 107.9        | 360.9                  | 329.8                   | 31.12                     | 11.596            |                    |          |
| 4,500.0                 | 4,473.0               | 4,515.2               | 4,507.4               | 17.0             | 16.5          | -164.72               | -1.7                                | 118.5        | 356.6                  | 324.7                   | 31.90                     | 11.180            |                    |          |
| 4,600.0                 | 4,572.9               | 4,613.2               | 4,604.7               | 17.4             | 17.0          | -163.66               | -7.6                                | 128.6        | 350.3                  | 317.7                   | 32.67                     | 10.724            |                    |          |
| 4,673.7                 | 4,646.6               | 4,686.7               | 4,677.6               | 17.6             | 17.3          | -19.52                | -11.8                               | 136.4        | 344.4                  | 311.2                   | 33.24                     | 10.360            |                    |          |
| 4,700.0                 | 4,672.9               | 4,712.9               | 4,703.6               | 17.7             | 17.4          | -19.15                | -13.2                               | 139.3        | 342.0                  | 308.6                   | 33.45                     | 10.227            |                    |          |
| 4,800.0                 | 4,772.9               | 4,812.7               | 4,802.6               | 18.0             | 17.9          | -17.65                | -18.9                               | 150.5        | 333.1                  | 298.8                   | 34.23                     | 9.731             |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 135-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 4,900.0                 | 4,872.9               | 4,916.7               | 4,905.7               | 18.3             | 18.4          | -15.87                | -25.4                               | 163.0        | 323.5                  | 288.5                   | 35.03                     | 9.235             |                    |          |
| 5,000.0                 | 4,972.9               | 5,014.2               | 5,002.3               | 18.6             | 18.9          | -14.08                | -32.0                               | 175.0        | 313.8                  | 278.0                   | 35.86                     | 8.752             |                    |          |
| 5,100.0                 | 5,072.9               | 5,110.5               | 5,097.7               | 19.0             | 19.4          | -12.36                | -38.0                               | 186.0        | 305.1                  | 268.4                   | 36.68                     | 8.319             |                    |          |
| 5,200.0                 | 5,172.9               | 5,208.9               | 5,195.5               | 19.3             | 19.8          | -10.67                | -43.7                               | 196.2        | 297.3                  | 259.8                   | 37.50                     | 7.929             |                    |          |
| 5,300.0                 | 5,272.9               | 5,309.1               | 5,294.9               | 19.6             | 20.3          | -8.87                 | -49.6                               | 206.5        | 289.7                  | 251.4                   | 38.33                     | 7.557             |                    |          |
| 5,400.0                 | 5,372.9               | 5,408.0               | 5,393.1               | 19.9             | 20.8          | -7.08                 | -55.7                               | 216.4        | 282.2                  | 243.1                   | 39.17                     | 7.205             |                    |          |
| 5,500.0                 | 5,472.9               | 5,506.8               | 5,491.3               | 20.2             | 21.2          | -5.34                 | -61.4                               | 225.4        | 275.4                  | 235.4                   | 40.01                     | 6.884             |                    |          |
| 5,600.0                 | 5,572.9               | 5,604.8               | 5,588.8               | 20.6             | 21.7          | -3.63                 | -67.2                               | 234.1        | 268.9                  | 228.0                   | 40.85                     | 6.583             |                    |          |
| 5,700.0                 | 5,672.9               | 5,700.3               | 5,683.9               | 20.9             | 22.1          | -2.14                 | -71.6                               | 241.2        | 263.9                  | 222.2                   | 41.65                     | 6.335             |                    |          |
| 5,800.0                 | 5,772.9               | 5,798.2               | 5,781.6               | 21.2             | 22.5          | -1.08                 | -74.9                               | 246.1        | 260.3                  | 217.9                   | 42.42                     | 6.137             |                    |          |
| 5,900.0                 | 5,872.9               | 5,895.8               | 5,879.1               | 21.5             | 22.8          | -0.30                 | -77.9                               | 249.7        | 257.2                  | 214.0                   | 43.15                     | 5.960             |                    |          |
| 6,000.0                 | 5,972.9               | 5,992.6               | 5,975.8               | 21.9             | 23.2          | 0.00                  | -79.6                               | 251.0        | 255.5                  | 211.7                   | 43.82                     | 5.830             |                    |          |
| 6,100.0                 | 6,072.9               | 6,091.0               | 6,074.3               | 22.2             | 23.5          | 0.05                  | -80.4                               | 251.3        | 254.7                  | 210.2                   | 44.48                     | 5.726             |                    |          |
| 6,200.0                 | 6,172.9               | 6,189.8               | 6,173.1               | 22.5             | 23.8          | 0.12                  | -80.7                               | 251.6        | 254.4                  | 209.2                   | 45.14                     | 5.635             |                    |          |
| 6,300.0                 | 6,272.9               | 6,290.3               | 6,273.6               | 22.8             | 24.2          | 0.22                  | -80.7                               | 252.0        | 254.3                  | 208.5                   | 45.83                     | 5.549             |                    |          |
| 6,355.5                 | 6,328.4               | 6,345.1               | 6,328.4               | 23.0             | 24.3          | 0.31                  | -80.9                               | 252.4        | 254.2                  | 208.0                   | 46.20                     | 5.501             |                    |          |
| 6,400.0                 | 6,372.9               | 6,388.4               | 6,371.7               | 23.2             | 24.5          | 0.38                  | -80.8                               | 252.7        | 254.3                  | 207.8                   | 46.50                     | 5.469             |                    |          |
| 6,454.1                 | 6,427.0               | 6,441.9               | 6,425.2               | 23.4             | 24.7          | 0.46                  | -80.4                               | 253.1        | 254.6                  | 207.8                   | 46.86                     | 5.434             |                    |          |
| 6,500.0                 | 6,472.8               | 6,487.5               | 6,470.8               | 23.5             | 24.8          | 83.05                 | -80.1                               | 253.3        | 254.8                  | 207.6                   | 47.18                     | 5.400             |                    |          |
| 6,550.0                 | 6,522.4               | 6,538.6               | 6,521.9               | 23.6             | 25.0          | 84.55                 | -79.8                               | 253.5        | 254.4                  | 206.8                   | 47.58                     | 5.347             |                    |          |
| 6,600.0                 | 6,571.3               | 6,589.5               | 6,572.8               | 23.8             | 25.1          | 87.10                 | -79.9                               | 253.8        | 253.5                  | 205.5                   | 48.01                     | 5.281             |                    |          |
| 6,650.0                 | 6,619.1               | 6,637.6               | 6,620.9               | 23.9             | 25.3          | 90.42                 | -80.2                               | 254.0        | 252.8                  | 204.4                   | 48.44                     | 5.220             |                    |          |
| 6,660.2                 | 6,628.7               | 6,647.3               | 6,630.6               | 23.9             | 25.3          | 91.19                 | -80.3                               | 254.1        | 252.8                  | 204.3                   | 48.53                     | 5.209             |                    |          |
| 6,700.0                 | 6,665.4               | 6,684.2               | 6,667.4               | 24.0             | 25.5          | 94.39                 | -80.6                               | 254.3        | 253.3                  | 204.4                   | 48.88                     | 5.182 SF          |                    |          |
| 6,750.0                 | 6,709.9               | 6,728.3               | 6,711.6               | 24.1             | 25.6          | 98.69                 | -81.0                               | 254.4        | 255.8                  | 206.5                   | 49.31                     | 5.188             |                    |          |
| 6,800.0                 | 6,752.3               | 6,770.3               | 6,753.6               | 24.2             | 25.7          | 103.06                | -81.3                               | 254.5        | 261.4                  | 211.7                   | 49.71                     | 5.259             |                    |          |
| 6,850.0                 | 6,792.1               | 6,810.1               | 6,793.4               | 24.3             | 25.9          | 107.25                | -81.6                               | 254.6        | 270.9                  | 220.8                   | 50.05                     | 5.411             |                    |          |
| 6,900.0                 | 6,829.2               | 6,847.0               | 6,830.2               | 24.4             | 26.0          | 110.94                | -81.9                               | 254.8        | 284.8                  | 234.5                   | 50.33                     | 5.660             |                    |          |
| 6,950.0                 | 6,863.3               | 6,880.5               | 6,863.7               | 24.5             | 26.1          | 113.89                | -82.2                               | 255.0        | 303.7                  | 253.2                   | 50.53                     | 6.011             |                    |          |
| 7,000.0                 | 6,894.0               | 6,910.5               | 6,893.7               | 24.6             | 26.2          | 115.94                | -82.6                               | 255.4        | 327.6                  | 276.9                   | 50.66                     | 6.466             |                    |          |
| 7,050.0                 | 6,921.1               | 6,936.7               | 6,920.0               | 24.7             | 26.3          | 116.92                | -82.9                               | 255.7        | 356.1                  | 305.3                   | 50.73                     | 7.019             |                    |          |
| 7,100.0                 | 6,944.5               | 6,959.0               | 6,942.3               | 24.9             | 26.4          | 116.68                | -83.2                               | 256.1        | 388.8                  | 338.1                   | 50.76                     | 7.661             |                    |          |
| 7,150.0                 | 6,964.0               | 6,977.8               | 6,961.0               | 25.1             | 26.5          | 115.13                | -83.5                               | 256.4        | 425.3                  | 374.5                   | 50.75                     | 8.380             |                    |          |
| 7,200.0                 | 6,979.4               | 6,992.8               | 6,976.0               | 25.4             | 26.5          | 112.01                | -83.7                               | 256.6        | 464.7                  | 414.0                   | 50.72                     | 9.162             |                    |          |
| 7,250.0                 | 6,990.5               | 7,003.6               | 6,986.8               | 25.8             | 26.5          | 106.94                | -83.9                               | 256.8        | 506.6                  | 455.9                   | 50.67                     | 9.997             |                    |          |
| 7,300.0                 | 6,997.4               | 7,010.0               | 6,993.3               | 26.2             | 26.6          | 99.59                 | -84.0                               | 256.8        | 550.2                  | 499.6                   | 50.61                     | 10.872            |                    |          |
| 7,354.1                 | 7,000.0               | 7,011.9               | 6,995.2               | 26.7             | 26.6          | 88.90                 | -84.0                               | 256.9        | 598.9                  | 548.4                   | 50.53                     | 11.853            |                    |          |
| 7,400.0                 | 7,000.0               | 7,011.2               | 6,994.5               | 27.1             | 26.6          | 88.70                 | -84.0                               | 256.9        | 641.1                  | 590.6                   | 50.46                     | 12.704            |                    |          |
| 7,500.0                 | 7,000.0               | 7,009.8               | 6,993.0               | 28.2             | 26.6          | 88.18                 | -84.0                               | 256.8        | 735.3                  | 684.9                   | 50.35                     | 14.604            |                    |          |
| 7,600.0                 | 7,000.0               | 7,008.3               | 6,991.6               | 29.5             | 26.6          | 87.49                 | -84.0                               | 256.8        | 831.7                  | 781.5                   | 50.27                     | 16.546            |                    |          |
| 7,700.0                 | 7,000.0               | 7,006.9               | 6,990.1               | 30.9             | 26.6          | 86.51                 | -83.9                               | 256.8        | 929.7                  | 879.5                   | 50.22                     | 18.513            |                    |          |
| 7,800.0                 | 7,000.0               | 7,005.5               | 6,988.7               | 32.4             | 26.6          | 84.96                 | -83.9                               | 256.8        | 1,028.6                | 978.4                   | 50.19                     | 20.495            |                    |          |
| 7,838.6                 | 7,000.0               | 7,004.9               | 6,988.1               | 33.0             | 26.6          | 84.06                 | -83.9                               | 256.8        | 1,066.9                | 1,016.7                 | 50.18                     | 21.263            |                    |          |
| 7,900.0                 | 7,000.0               | 7,004.0               | 6,987.3               | 34.0             | 26.5          | 83.63                 | -83.9                               | 256.8        | 1,128.0                | 1,077.8                 | 50.17                     | 22.485            |                    |          |
| 8,000.0                 | 7,000.0               | 7,002.6               | 6,985.8               | 35.8             | 26.5          | 82.91                 | -83.9                               | 256.7        | 1,227.5                | 1,177.3                 | 50.15                     | 24.476            |                    |          |
| 8,100.0                 | 7,000.0               | 7,001.1               | 6,984.4               | 37.6             | 26.5          | 82.18                 | -83.9                               | 256.7        | 1,327.1                | 1,277.0                 | 50.14                     | 26.467            |                    |          |
| 8,200.0                 | 7,000.0               | 6,999.6               | 6,982.8               | 39.4             | 26.5          | 81.43                 | -83.8                               | 256.7        | 1,426.7                | 1,376.6                 | 50.13                     | 28.459            |                    |          |
| 8,300.0                 | 7,000.0               | 6,998.1               | 6,981.3               | 41.4             | 26.5          | 80.67                 | -83.8                               | 256.7        | 1,526.4                | 1,476.3                 | 50.13                     | 30.450            |                    |          |
| 8,400.0                 | 7,000.0               | 6,996.5               | 6,979.7               | 43.4             | 26.5          | 79.89                 | -83.8                               | 256.7        | 1,626.2                | 1,576.0                 | 50.13                     | 32.441            |                    |          |
| 8,500.0                 | 7,000.0               | 6,994.8               | 6,978.1               | 45.4             | 26.5          | 79.10                 | -83.8                               | 256.6        | 1,725.9                | 1,675.8                 | 50.13                     | 34.432            |                    |          |
| 8,600.0                 | 7,000.0               | 6,993.2               | 6,976.4               | 47.5             | 26.5          | 78.29                 | -83.7                               | 256.6        | 1,825.7                | 1,775.6                 | 50.13                     | 36.421            |                    |          |
| 8,700.0                 | 7,000.0               | 6,991.4               | 6,974.7               | 49.6             | 26.5          | 77.47                 | -83.7                               | 256.6        | 1,925.5                | 1,875.4                 | 50.13                     | 38.409            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 135-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 8,800.0                 | 7,000.0               | 6,989.7               | 6,972.9               | 51.7             | 26.5          | 76.63                 | -83.7                               | 256.6        | 2,025.4                | 1,975.2                 | 50.14                     | 40.397            |                    |          |
| 8,900.0                 | 7,000.0               | 6,987.9               | 6,971.1               | 53.9             | 26.5          | 75.77                 | -83.7                               | 256.5        | 2,125.2                | 2,075.0                 | 50.14                     | 42.382            |                    |          |
| 9,000.0                 | 7,000.0               | 6,986.0               | 6,969.2               | 56.0             | 26.5          | 74.90                 | -83.6                               | 256.5        | 2,225.0                | 2,174.9                 | 50.15                     | 44.367            |                    |          |
| 9,100.0                 | 7,000.0               | 6,984.1               | 6,967.3               | 58.3             | 26.5          | 74.01                 | -83.6                               | 256.5        | 2,324.9                | 2,274.8                 | 50.16                     | 46.349            |                    |          |
| 9,200.0                 | 7,000.0               | 6,982.1               | 6,965.4               | 60.5             | 26.5          | 73.10                 | -83.6                               | 256.5        | 2,424.8                | 2,374.6                 | 50.17                     | 48.330            |                    |          |
| 9,300.0                 | 7,000.0               | 6,980.1               | 6,963.4               | 62.7             | 26.5          | 72.18                 | -83.6                               | 256.4        | 2,524.7                | 2,474.5                 | 50.18                     | 50.310            |                    |          |
| 9,400.0                 | 7,000.0               | 6,978.0               | 6,961.3               | 65.0             | 26.5          | 71.25                 | -83.5                               | 256.4        | 2,624.6                | 2,574.4                 | 50.20                     | 52.287            |                    |          |
| 9,500.0                 | 7,000.0               | 6,975.9               | 6,959.1               | 67.2             | 26.4          | 70.30                 | -83.5                               | 256.4        | 2,724.5                | 2,674.3                 | 50.21                     | 54.262            |                    |          |
| 9,600.0                 | 7,000.0               | 6,973.7               | 6,956.9               | 69.5             | 26.4          | 69.33                 | -83.5                               | 256.3        | 2,824.4                | 2,774.1                 | 50.22                     | 56.235            |                    |          |
| 9,700.0                 | 7,000.0               | 6,971.4               | 6,954.7               | 71.8             | 26.4          | 68.35                 | -83.4                               | 256.3        | 2,924.3                | 2,874.0                 | 50.24                     | 58.206            |                    |          |
| 9,800.0                 | 7,000.0               | 6,969.1               | 6,952.4               | 74.1             | 26.4          | 67.35                 | -83.4                               | 256.2        | 3,024.2                | 2,973.9                 | 50.26                     | 60.175            |                    |          |
| 9,900.0                 | 7,000.0               | 6,967.0               | 6,950.2               | 76.4             | 26.4          | 66.46                 | -83.4                               | 256.2        | 3,124.1                | 3,073.8                 | 50.28                     | 62.140            |                    |          |
| 10,000.0                | 7,000.0               | 13,023.0              | 10,176.0              | 78.7             | 171.8         | 176.00                | -71.8                               | -2,749.1     | 3,191.3                | 3,136.0                 | 55.29                     | 57.714            |                    |          |
| 10,100.0                | 7,000.0               | 13,537.1              | 10,177.0              | 81.1             | 201.1         | 175.30                | -48.9                               | -3,261.4     | 3,193.7                | 3,132.3                 | 61.37                     | 52.041            |                    |          |
| 10,200.0                | 7,000.0               | 13,593.0              | 10,174.0              | 83.4             | 204.3         | 175.31                | -51.5                               | -3,317.2     | 3,188.2                | 3,125.6                 | 62.61                     | 50.924            |                    |          |
| 10,300.0                | 7,000.0               | 13,649.8              | 10,171.8              | 85.7             | 207.5         | 175.35                | -56.0                               | -3,373.8     | 3,184.1                | 3,120.3                 | 63.79                     | 49.915            |                    |          |
| 10,400.0                | 7,000.0               | 13,784.0              | 10,166.9              | 88.1             | 215.2         | 175.52                | -70.0                               | -3,507.1     | 3,179.7                | 3,114.3                 | 65.34                     | 48.663            |                    |          |
| 10,500.0                | 7,000.0               | 13,843.1              | 10,163.9              | 90.4             | 218.5         | 175.57                | -74.9                               | -3,565.9     | 3,175.0                | 3,108.4                 | 66.52                     | 47.729            |                    |          |
| 10,600.0                | 7,000.0               | 13,879.0              | 10,163.4              | 92.8             | 220.6         | 175.60                | -77.8                               | -3,601.7     | 3,173.0                | 3,105.5                 | 67.55                     | 46.975            |                    |          |
| 10,700.0                | 7,000.0               | 14,068.0              | 10,157.3              | 95.2             | 231.4         | 175.63                | -86.3                               | -3,790.4     | 3,168.9                | 3,099.1                 | 69.82                     | 45.390            |                    |          |
| 10,800.0                | 7,000.0               | 14,122.5              | 10,155.0              | 97.5             | 234.6         | 175.62                | -87.7                               | -3,844.8     | 3,165.2                | 3,094.1                 | 71.08                     | 44.527            |                    |          |
| 10,900.0                | 7,000.0               | 14,162.0              | 10,154.6              | 99.9             | 236.8         | 175.64                | -89.7                               | -3,884.2     | 3,163.8                | 3,091.7                 | 72.18                     | 43.834            |                    |          |
| 11,000.0                | 7,000.0               | 14,352.0              | 10,152.1              | 102.3            | 247.8         | 175.69                | -98.7                               | -4,074.0     | 3,162.9                | 3,088.5                 | 74.44                     | 42.492            |                    |          |
| 11,100.0                | 7,000.0               | 14,401.9              | 10,150.7              | 104.6            | 250.7         | 175.69                | -100.8                              | -4,123.8     | 3,160.2                | 3,084.6                 | 75.63                     | 41.784            |                    |          |
| 11,200.0                | 7,000.0               | 11,200.0              | 10,149.9              | 107.0            | 83.4          | 175.74                | -106.1                              | -4,214.6     | 3,159.0                | 3,109.3                 | 49.67                     | 63.594            |                    |          |
| 11,300.0                | 7,000.0               | 14,893.6              | 10,128.3              | 109.4            | 278.9         | 175.88                | -128.6                              | -4,613.5     | 3,155.6                | 3,074.8                 | 80.73                     | 39.088            |                    |          |
| 11,400.0                | 7,000.0               | 14,946.6              | 10,122.6              | 111.8            | 282.0         | 175.86                | -129.4                              | -4,666.2     | 3,145.1                | 3,063.0                 | 82.05                     | 38.331            |                    |          |
| 11,500.0                | 7,000.0               | 14,981.9              | 10,119.5              | 114.2            | 284.0         | 175.84                | -129.6                              | -4,701.3     | 3,136.6                | 3,053.4                 | 83.22                     | 37.688            |                    |          |
| 11,600.0                | 7,000.0               | 15,014.0              | 10,117.3              | 116.6            | 285.8         | 175.82                | -129.7                              | -4,733.3     | 3,130.1                | 3,045.8                 | 84.37                     | 37.101            |                    |          |
| 11,700.0                | 7,000.0               | 15,054.0              | 10,115.4              | 118.9            | 288.2         | 175.80                | -130.0                              | -4,773.2     | 3,125.7                | 3,040.1                 | 85.57                     | 36.530            |                    |          |
| 11,800.0                | 7,000.0               | 15,109.0              | 10,114.4              | 121.3            | 291.3         | 175.79                | -131.5                              | -4,828.2     | 3,123.4                | 3,036.6                 | 86.85                     | 35.964            |                    |          |
| 11,878.9                | 7,000.0               | 15,124.9              | 10,114.4              | 123.2            | 292.3         | 175.79                | -132.1                              | -4,844.2     | 3,122.8                | 3,035.2                 | 87.60                     | 35.650            |                    |          |
| 11,900.0                | 7,000.0               | 15,136.6              | 10,114.4              | 123.7            | 292.9         | 175.80                | -132.7                              | -4,855.8     | 3,122.8                | 3,035.0                 | 87.85                     | 35.548            |                    |          |
| 12,000.0                | 7,000.0               | 15,201.0              | 10,115.4              | 126.1            | 296.7         | 175.85                | -137.5                              | -4,920.0     | 3,123.9                | 3,034.9                 | 89.03                     | 35.088            |                    |          |
| 12,100.0                | 7,000.0               | 15,483.0              | 10,111.3              | 128.5            | 312.9         | 175.88                | -148.8                              | -5,201.1     | 3,122.3                | 3,030.2                 | 92.12                     | 33.895            |                    |          |
| 12,200.0                | 7,000.0               | 15,537.7              | 10,107.1              | 130.9            | 316.1         | 175.79                | -145.7                              | -5,255.5     | 3,116.8                | 3,023.1                 | 93.66                     | 33.279            |                    |          |
| 12,300.0                | 7,000.0               | 15,578.0              | 10,107.0              | 133.3            | 318.4         | 175.74                | -144.5                              | -5,295.8     | 3,115.8                | 3,020.8                 | 94.93                     | 32.823            |                    |          |
| 12,329.5                | 7,000.0               | 15,578.0              | 10,107.0              | 134.0            | 318.4         | 175.74                | -144.5                              | -5,295.8     | 3,115.6                | 3,020.5                 | 95.16                     | 32.742            |                    |          |
| 12,400.0                | 7,000.0               | 15,578.0              | 10,107.0              | 135.7            | 318.4         | 175.74                | -144.5                              | -5,295.8     | 3,116.4                | 3,020.7                 | 95.69                     | 32.568            |                    |          |
| 12,500.0                | 7,000.0               | 15,878.9              | 10,104.8              | 138.1            | 335.9         | 175.53                | -142.5                              | -5,596.6     | 3,117.0                | 3,017.3                 | 99.76                     | 31.245            |                    |          |
| 12,600.0                | 7,000.0               | 15,926.6              | 10,103.3              | 140.5            | 338.6         | 175.48                | -141.8                              | -5,644.2     | 3,113.9                | 3,012.8                 | 101.15                    | 30.787            |                    |          |
| 12,700.0                | 7,000.0               | 15,992.6              | 10,101.9              | 143.0            | 342.5         | 175.44                | -141.9                              | -5,710.3     | 3,112.0                | 3,009.4                 | 102.66                    | 30.314            |                    |          |
| 12,800.0                | 7,000.0               | 16,050.0              | 10,101.3              | 145.4            | 345.8         | 175.44                | -143.8                              | -5,767.6     | 3,111.1                | 3,007.1                 | 103.97                    | 29.924            |                    |          |
| 12,830.0                | 7,000.0               | 16,079.3              | 10,101.2              | 146.1            | 347.5         | 175.46                | -145.5                              | -5,796.9     | 3,111.0                | 3,006.6                 | 104.42                    | 29.795            |                    |          |
| 12,900.0                | 7,000.0               | 16,120.7              | 10,101.6              | 147.8            | 349.9         | 175.50                | -149.0                              | -5,838.1     | 3,111.3                | 3,006.1                 | 105.19                    | 29.579            |                    |          |
| 13,000.0                | 7,000.0               | 16,304.0              | 10,101.4              | 150.2            | 360.5         | 175.66                | -163.9                              | -6,020.7     | 3,110.8                | 3,003.8                 | 107.01                    | 29.070            |                    |          |
| 13,100.0                | 7,000.0               | 16,429.0              | 10,097.4              | 152.6            | 367.7         | 175.64                | -166.7                              | -6,145.6     | 3,107.5                | 2,998.5                 | 108.98                    | 28.513            |                    |          |
| 13,200.0                | 7,000.0               | 16,469.5              | 10,096.2              | 155.0            | 370.1         | 175.63                | -167.7                              | -6,186.0     | 3,105.3                | 2,995.2                 | 110.17                    | 28.187            |                    |          |
| 13,225.6                | 7,000.0               | 16,475.1              | 10,096.2              | 155.6            | 370.4         | 175.63                | -168.0                              | -6,191.6     | 3,105.2                | 2,994.8                 | 110.41                    | 28.124            |                    |          |
| 13,300.0                | 7,000.0               | 16,523.0              | 10,097.7              | 157.4            | 373.2         | 175.67                | -171.6                              | -6,239.4     | 3,106.7                | 2,995.4                 | 111.26                    | 27.922            |                    |          |
| 13,400.0                | 7,000.0               | 16,523.0              | 10,097.7              | 159.8            | 373.2         | 175.67                | -171.6                              | -6,239.4     | 3,109.1                | 2,997.1                 | 111.98                    | 27.765            |                    |          |
| 13,500.0                | 7,000.0               | 16,608.5              | 10,102.4              | 162.3            | 378.1         | 175.79                | -180.2                              | -6,324.3     | 3,114.0                | 3,001.0                 | 113.08                    | 27.538            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 135-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference               |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)   | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 13,600.0                | 7,000.0               | 16,933.1              | 10,107.2              | 164.7            | 396.9         | 176.03                | -203.4                              | -6,647.6     | 3,115.8                | 2,999.9                 | 115.92                    | 26.878            |                    |          |
| 13,700.0                | 7,000.0               | 16,962.2              | 10,106.7              | 167.1            | 398.6         | 176.02                | -204.2                              | -6,676.8     | 3,114.3                | 2,997.3                 | 116.97                    | 26.624            |                    |          |
| 13,708.2                | 7,000.0               | 16,964.6              | 10,106.7              | 167.3            | 398.7         | 176.02                | -204.3                              | -6,679.2     | 3,114.2                | 2,997.2                 | 117.06                    | 26.604            |                    |          |
| 13,800.0                | 7,000.0               | 16,997.0              | 10,107.1              | 169.5            | 400.6         | 176.02                | -205.3                              | -6,711.6     | 3,115.0                | 2,997.0                 | 118.03                    | 26.392            |                    |          |
| 13,900.0                | 7,000.0               | 17,187.0              | 10,108.4              | 171.9            | 411.7         | 175.97                | -208.6                              | -6,901.5     | 3,116.3                | 2,995.6                 | 120.68                    | 25.823            |                    |          |
| 13,996.8                | 7,000.0               | 17,247.4              | 10,107.8              | 174.3            | 415.2         | 175.96                | -209.6                              | -6,961.9     | 3,115.5                | 2,993.5                 | 122.03                    | 25.531            |                    |          |
| 14,000.0                | 7,000.0               | 17,249.1              | 10,107.8              | 174.4            | 415.3         | 175.96                | -209.7                              | -6,963.5     | 3,115.5                | 2,993.5                 | 122.07                    | 25.523            |                    |          |
| 14,100.0                | 7,000.0               | 17,411.9              | 10,106.3              | 176.8            | 424.8         | 175.90                | -212.1                              | -7,126.3     | 3,114.9                | 2,990.4                 | 124.48                    | 25.022            |                    |          |
| 14,200.0                | 7,000.0               | 17,555.6              | 10,103.3              | 179.2            | 433.1         | 175.86                | -214.5                              | -7,270.0     | 3,113.2                | 2,986.5                 | 126.67                    | 24.577            |                    |          |
| 14,300.0                | 7,000.0               | 17,567.0              | 10,102.9              | 181.6            | 433.8         | 175.85                | -214.6                              | -7,281.4     | 3,111.1                | 2,983.5                 | 127.61                    | 24.380            |                    |          |
| 14,355.0                | 7,000.0               | 17,605.8              | 10,102.1              | 183.0            | 436.1         | 175.84                | -215.0                              | -7,320.1     | 3,110.3                | 2,981.9                 | 128.45                    | 24.214            |                    |          |
| 14,400.0                | 7,000.0               | 17,617.2              | 10,102.1              | 184.0            | 436.7         | 175.83                | -215.1                              | -7,331.5     | 3,110.6                | 2,981.7                 | 128.91                    | 24.129            |                    |          |
| 14,500.0                | 7,000.0               | 17,663.0              | 10,103.6              | 186.5            | 439.4         | 175.81                | -215.5                              | -7,377.3     | 3,113.1                | 2,983.0                 | 130.13                    | 23.922            |                    |          |
| 14,600.0                | 7,000.0               | 17,663.0              | 10,103.6              | 188.9            | 439.4         | 175.81                | -215.5                              | -7,377.3     | 3,117.5                | 2,986.8                 | 130.76                    | 23.841            |                    |          |
| 14,700.0                | 7,000.0               | 17,712.1              | 10,106.7              | 191.3            | 442.2         | 175.81                | -216.5                              | -7,426.3     | 3,124.2                | 2,992.3                 | 131.88                    | 23.689            |                    |          |
| 14,800.0                | 7,000.0               | 17,758.0              | 10,110.8              | 193.7            | 444.9         | 175.83                | -218.6                              | -7,472.0     | 3,132.8                | 3,000.0                 | 132.85                    | 23.582            |                    |          |
| 14,900.0                | 7,000.0               | 18,179.7              | 10,128.2              | 196.2            | 469.4         | 175.83                | -230.8                              | -7,892.5     | 3,136.7                | 2,998.8                 | 137.84                    | 22.756            |                    |          |
| 15,000.0                | 7,000.0               | 18,258.9              | 10,127.6              | 198.6            | 474.0         | 175.73                | -228.4                              | -7,971.6     | 3,136.3                | 2,996.6                 | 139.73                    | 22.445            |                    |          |
| 15,100.0                | 7,000.0               | 18,355.0              | 10,126.6              | 201.0            | 479.6         | 175.62                | -225.3                              | -8,067.7     | 3,135.8                | 2,993.9                 | 141.90                    | 22.098            |                    |          |
| 15,105.3                | 7,000.0               | 18,357.8              | 10,126.6              | 201.2            | 479.7         | 175.62                | -225.2                              | -8,070.4     | 3,135.8                | 2,993.8                 | 141.99                    | 22.085            |                    |          |
| 15,200.0                | 7,000.0               | 18,200.0              | 10,126.5              | 203.5            | 296.7         | 175.49                | -221.4                              | -8,176.4     | 3,136.2                | 3,020.9                 | 115.35                    | 27.188            |                    |          |
| 15,300.0                | 7,000.0               | 18,575.6              | 10,124.5              | 205.9            | 492.4         | 175.31                | -215.4                              | -8,288.0     | 3,135.1                | 2,988.1                 | 146.99                    | 21.329            |                    |          |
| 15,400.0                | 7,000.0               | 18,668.7              | 10,123.4              | 208.3            | 497.8         | 175.10                | -206.8                              | -8,380.7     | 3,135.0                | 2,985.2                 | 149.74                    | 20.936            |                    |          |
| 15,500.0                | 7,000.0               | 18,825.0              | 10,119.2              | 210.7            | 506.8         | 174.66                | -188.2                              | -8,535.8     | 3,133.5                | 2,979.2                 | 154.33                    | 20.304            |                    |          |
| 15,600.0                | 7,000.0               | 18,918.3              | 10,115.7              | 213.2            | 512.1         | 174.44                | -179.4                              | -8,628.6     | 3,131.1                | 2,973.8                 | 157.31                    | 19.904            |                    |          |
| 15,700.0                | 7,000.0               | 18,968.1              | 10,114.7              | 215.6            | 515.0         | 174.35                | -176.4                              | -8,678.3     | 3,129.9                | 2,970.7                 | 159.18                    | 19.663            |                    |          |
| 15,800.0                | 7,000.0               | 19,177.0              | 10,111.4              | 218.0            | 527.2         | 174.27                | -179.0                              | -8,887.1     | 3,129.3                | 2,967.0                 | 162.29                    | 19.282            |                    |          |
| 15,900.0                | 7,000.0               | 19,252.5              | 10,108.9              | 220.5            | 531.6         | 174.33                | -184.9                              | -8,962.3     | 3,125.7                | 2,962.2                 | 163.51                    | 19.116            |                    |          |
| 16,000.0                | 7,000.0               | 19,271.0              | 10,108.5              | 222.9            | 532.6         | 174.35                | -186.8                              | -8,980.7     | 3,123.7                | 2,959.2                 | 164.49                    | 18.990            |                    |          |
| 16,049.2                | 7,000.0               | 19,306.5              | 10,108.3              | 224.1            | 534.7         | 174.40                | -190.6                              | -9,016.0     | 3,123.2                | 2,958.2                 | 164.94                    | 18.936            |                    |          |
| 16,100.0                | 7,000.0               | 19,321.3              | 10,108.5              | 225.3            | 535.5         | 174.42                | -192.3                              | -9,030.7     | 3,123.5                | 2,958.1                 | 165.36                    | 18.889            |                    |          |
| 16,200.0                | 7,000.0               | 19,625.9              | 10,104.2              | 227.7            | 553.1         | 174.96                | -231.7                              | -9,332.4     | 3,120.7                | 2,955.2                 | 165.43                    | 18.864            |                    |          |
| 16,300.0                | 7,000.0               | 19,681.2              | 10,102.1              | 230.2            | 556.2         | 175.05                | -238.5                              | -9,387.3     | 3,116.1                | 2,949.8                 | 166.32                    | 18.735            |                    |          |
| 16,400.0                | 7,000.0               | 19,744.0              | 10,100.5              | 232.6            | 559.9         | 175.14                | -245.6                              | -9,449.6     | 3,112.8                | 2,945.6                 | 167.22                    | 18.615            |                    |          |
| 16,500.0                | 7,000.0               | 19,840.7              | 10,098.6              | 235.0            | 565.5         | 175.28                | -256.5                              | -9,545.7     | 3,110.2                | 2,942.2                 | 168.08                    | 18.504            |                    |          |
| 16,600.0                | 7,000.0               | 19,892.7              | 10,098.1              | 237.5            | 568.5         | 175.36                | -262.7                              | -9,597.4     | 3,108.4                | 2,939.5                 | 168.92                    | 18.402            |                    |          |
| 16,700.0                | 7,000.0               | 20,052.1              | 10,097.0              | 239.9            | 577.7         | 175.61                | -281.4                              | -9,755.6     | 3,107.5                | 2,937.8                 | 169.67                    | 18.314            |                    |          |
| 16,800.0                | 7,000.0               | 20,232.1              | 10,090.7              | 242.3            | 588.1         | 175.82                | -298.9                              | -9,934.7     | 3,103.7                | 2,932.9                 | 170.78                    | 18.173            |                    |          |
| 16,900.0                | 7,000.0               | 20,263.6              | 10,089.7              | 244.8            | 589.9         | 175.86                | -301.9                              | -9,966.0     | 3,099.5                | 2,927.7                 | 171.77                    | 18.044            |                    |          |
| 17,000.0                | 7,000.0               | 20,313.0              | 10,088.8              | 247.2            | 592.8         | 175.91                | -306.7                              | -10,015.2    | 3,097.1                | 2,924.4                 | 172.72                    | 17.931            |                    |          |
| 17,077.6                | 7,000.0               | 20,339.0              | 10,088.8              | 249.1            | 594.3         | 175.94                | -309.2                              | -10,041.1    | 3,096.5                | 2,923.1                 | 173.40                    | 17.858            |                    |          |
| 17,100.0                | 7,000.0               | 20,348.3              | 10,088.8              | 249.6            | 594.8         | 175.96                | -310.1                              | -10,050.3    | 3,096.6                | 2,923.0                 | 173.59                    | 17.839            |                    |          |
| 17,200.0                | 7,000.0               | 20,430.1              | 10,090.0              | 252.1            | 599.6         | 176.05                | -318.0                              | -10,131.7    | 3,097.5                | 2,923.0                 | 174.54                    | 17.747            |                    |          |
| 17,292.9                | 7,000.0               | 20,424.0              | 10,089.9              | 254.3            | 599.2         | 176.05                | -317.4                              | -10,125.6    | 3,100.0                | 2,924.9                 | 175.09                    | 17.705            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 0.0                   | 0.0                   | 0.0                   | 0.0                   | 0.0              | 0.0           | 180.00                | -30.0                               | 0.0          | 30.0                   |                         |                           |                   |                    |          |
| 100.0                 | 100.0                 | 100.0                 | 100.0                 | 0.1              | 0.1           | 180.00                | -30.0                               | 0.0          | 30.0                   | 29.7                    | 0.26                      | 117.057           |                    |          |
| 200.0                 | 200.0                 | 200.0                 | 200.0                 | 0.5              | 0.5           | 180.00                | -30.0                               | 0.0          | 30.0                   | 29.0                    | 0.97                      | 30.827            |                    |          |
| 300.0                 | 300.0                 | 300.0                 | 300.0                 | 0.8              | 0.8           | 180.00                | -30.0                               | 0.0          | 30.0                   | 28.3                    | 1.69                      | 17.751            |                    |          |
| 400.0                 | 400.0                 | 400.0                 | 400.0                 | 1.2              | 1.2           | 180.00                | -30.0                               | 0.0          | 30.0                   | 27.6                    | 2.41                      | 12.464            |                    |          |
| 500.0                 | 500.0                 | 500.0                 | 500.0                 | 1.6              | 1.6           | 180.00                | -30.0                               | 0.0          | 30.0                   | 26.9                    | 3.12                      | 9.604 CC, ES      |                    |          |
| 600.0                 | 600.0                 | 599.5                 | 599.5                 | 1.9              | 1.9           | 179.70                | -30.9                               | 0.2          | 30.9                   | 27.0                    | 3.82                      | 8.069             |                    |          |
| 700.0                 | 700.0                 | 698.9                 | 698.9                 | 2.3              | 2.2           | 178.90                | -33.4                               | 0.6          | 33.4                   | 28.9                    | 4.52                      | 7.402             |                    |          |
| 800.0                 | 800.0                 | 798.2                 | 798.1                 | 2.6              | 2.6           | 177.80                | -37.6                               | 1.4          | 37.7                   | 32.5                    | 5.21                      | 7.233             |                    |          |
| 900.0                 | 900.0                 | 897.3                 | 897.0                 | 3.0              | 2.9           | 176.63                | -43.5                               | 2.6          | 43.7                   | 37.8                    | 5.91                      | 7.393             |                    |          |
| 1,000.0               | 1,000.0               | 996.2                 | 995.6                 | 3.4              | 3.3           | 175.52                | -51.1                               | 4.0          | 51.4                   | 44.8                    | 6.61                      | 7.781             |                    |          |
| 1,100.0               | 1,100.0               | 1,094.9               | 1,093.8               | 3.7              | 3.6           | 31.78                 | -60.3                               | 5.7          | 60.2                   | 52.9                    | 7.29                      | 8.248             |                    |          |
| 1,200.0               | 1,200.0               | 1,193.4               | 1,191.7               | 4.0              | 4.0           | 31.95                 | -71.2                               | 7.8          | 69.1                   | 61.2                    | 7.96                      | 8.678             |                    |          |
| 1,300.0               | 1,299.9               | 1,291.7               | 1,289.2               | 4.4              | 4.4           | 32.61                 | -83.7                               | 10.2         | 78.3                   | 69.7                    | 8.64                      | 9.064             |                    |          |
| 1,400.0               | 1,399.7               | 1,389.8               | 1,386.2               | 4.7              | 4.8           | 33.60                 | -97.7                               | 12.8         | 87.7                   | 78.4                    | 9.32                      | 9.418             |                    |          |
| 1,500.0               | 1,499.4               | 1,487.7               | 1,482.9               | 5.1              | 5.2           | 34.81                 | -113.4                              | 15.8         | 97.4                   | 87.4                    | 10.00                     | 9.747             |                    |          |
| 1,600.0               | 1,598.9               | 1,585.5               | 1,579.0               | 5.4              | 5.6           | 36.17                 | -130.7                              | 19.1         | 107.5                  | 96.8                    | 10.68                     | 10.060            |                    |          |
| 1,700.0               | 1,698.3               | 1,683.0               | 1,674.6               | 5.8              | 6.0           | 37.63                 | -149.6                              | 22.7         | 117.8                  | 106.4                   | 11.37                     | 10.359            |                    |          |
| 1,800.0               | 1,797.4               | 1,780.3               | 1,769.7               | 6.1              | 6.4           | 39.15                 | -170.0                              | 26.5         | 128.6                  | 116.5                   | 12.07                     | 10.648            |                    |          |
| 1,900.0               | 1,896.4               | 1,877.4               | 1,864.2               | 6.5              | 6.9           | 40.54                 | -191.9                              | 30.7         | 140.3                  | 127.6                   | 12.78                     | 10.981            |                    |          |
| 2,000.0               | 1,995.5               | 1,974.0               | 1,957.8               | 6.9              | 7.4           | 41.55                 | -215.3                              | 35.1         | 153.8                  | 140.3                   | 13.49                     | 11.402            |                    |          |
| 2,100.0               | 2,094.5               | 2,070.3               | 2,050.7               | 7.3              | 7.8           | 42.23                 | -240.1                              | 39.8         | 168.9                  | 154.7                   | 14.20                     | 11.894            |                    |          |
| 2,200.0               | 2,193.5               | 2,166.0               | 2,142.7               | 7.7              | 8.3           | 42.65                 | -266.3                              | 44.8         | 185.6                  | 170.7                   | 14.91                     | 12.448            |                    |          |
| 2,300.0               | 2,292.5               | 2,264.3               | 2,236.8               | 8.1              | 8.9           | 42.94                 | -294.1                              | 50.1         | 203.2                  | 187.5                   | 15.68                     | 12.961            |                    |          |
| 2,400.0               | 2,391.6               | 2,362.8               | 2,331.1               | 8.5              | 9.4           | 43.18                 | -321.9                              | 55.4         | 220.7                  | 204.3                   | 16.45                     | 13.419            |                    |          |
| 2,500.0               | 2,490.6               | 2,461.2               | 2,425.4               | 8.9              | 9.9           | 43.39                 | -349.7                              | 60.6         | 238.3                  | 221.1                   | 17.23                     | 13.834            |                    |          |
| 2,600.0               | 2,589.6               | 2,559.7               | 2,519.7               | 9.3              | 10.5          | 43.56                 | -377.5                              | 65.9         | 255.9                  | 237.9                   | 18.01                     | 14.209            |                    |          |
| 2,700.0               | 2,688.6               | 2,658.1               | 2,614.0               | 9.7              | 11.0          | 43.72                 | -405.3                              | 71.2         | 273.5                  | 254.7                   | 18.79                     | 14.551            |                    |          |
| 2,800.0               | 2,787.7               | 2,756.5               | 2,708.2               | 10.1             | 11.6          | 43.85                 | -433.1                              | 76.4         | 291.0                  | 271.5                   | 19.58                     | 14.863            |                    |          |
| 2,900.0               | 2,886.7               | 2,855.0               | 2,802.5               | 10.5             | 12.1          | 43.97                 | -460.9                              | 81.7         | 308.6                  | 288.3                   | 20.37                     | 15.149            |                    |          |
| 3,000.0               | 2,985.7               | 2,953.4               | 2,896.8               | 10.9             | 12.7          | 44.08                 | -488.7                              | 87.0         | 326.2                  | 305.0                   | 21.17                     | 15.411            |                    |          |
| 3,100.0               | 3,084.8               | 3,051.9               | 2,991.1               | 11.3             | 13.2          | 44.18                 | -516.5                              | 92.3         | 343.8                  | 321.8                   | 21.96                     | 15.654            |                    |          |
| 3,200.0               | 3,183.8               | 3,150.3               | 3,085.4               | 11.7             | 13.8          | 44.26                 | -544.3                              | 97.5         | 361.4                  | 338.6                   | 22.76                     | 15.878            |                    |          |
| 3,300.0               | 3,282.8               | 3,248.7               | 3,179.7               | 12.1             | 14.4          | 44.34                 | -572.1                              | 102.8        | 379.0                  | 355.4                   | 23.56                     | 16.086            |                    |          |
| 3,400.0               | 3,381.8               | 3,347.2               | 3,274.0               | 12.6             | 14.9          | 44.41                 | -599.9                              | 108.1        | 396.6                  | 372.2                   | 24.36                     | 16.279            |                    |          |
| 3,500.0               | 3,480.9               | 3,445.6               | 3,368.2               | 13.0             | 15.5          | 44.48                 | -627.7                              | 113.3        | 414.1                  | 389.0                   | 25.16                     | 16.459            |                    |          |
| 3,600.0               | 3,579.9               | 3,544.1               | 3,462.5               | 13.4             | 16.0          | 44.54                 | -655.5                              | 118.6        | 431.7                  | 405.8                   | 25.97                     | 16.627            |                    |          |
| 3,700.0               | 3,678.9               | 3,642.5               | 3,556.8               | 13.8             | 16.6          | 44.59                 | -683.3                              | 123.9        | 449.3                  | 422.5                   | 26.77                     | 16.784            |                    |          |
| 3,800.0               | 3,777.9               | 3,740.9               | 3,651.1               | 14.2             | 17.2          | 44.65                 | -711.1                              | 129.2        | 466.9                  | 439.3                   | 27.58                     | 16.931            |                    |          |
| 3,900.0               | 3,877.0               | 3,839.4               | 3,745.4               | 14.6             | 17.7          | 44.69                 | -738.9                              | 134.4        | 484.5                  | 456.1                   | 28.38                     | 17.070            |                    |          |
| 4,000.0               | 3,976.0               | 3,937.8               | 3,839.7               | 15.1             | 18.3          | 44.74                 | -766.7                              | 139.7        | 502.1                  | 472.9                   | 29.19                     | 17.200            |                    |          |
| 4,100.0               | 4,075.0               | 4,036.3               | 3,934.0               | 15.5             | 18.9          | 44.78                 | -794.5                              | 145.0        | 519.7                  | 489.7                   | 30.00                     | 17.323            |                    |          |
| 4,140.4               | 4,115.0               | 4,076.0               | 3,972.1               | 15.6             | 19.1          | 44.80                 | -805.7                              | 147.1        | 526.8                  | 496.5                   | 30.33                     | 17.370            |                    |          |
| 4,200.0               | 4,174.1               | 4,134.6               | 4,028.2               | 15.9             | 19.4          | 44.90                 | -822.2                              | 150.3        | 537.6                  | 506.8                   | 30.80                     | 17.452            |                    |          |
| 4,300.0               | 4,273.5               | 4,232.7               | 4,122.1               | 16.3             | 20.0          | 44.94                 | -849.9                              | 155.5        | 557.2                  | 525.6                   | 31.59                     | 17.640            |                    |          |
| 4,400.0               | 4,373.1               | 4,330.3               | 4,215.6               | 16.7             | 20.6          | 44.82                 | -877.5                              | 160.7        | 578.6                  | 546.2                   | 32.34                     | 17.889            |                    |          |
| 4,500.0               | 4,473.0               | 4,427.4               | 4,308.6               | 17.0             | 21.1          | 44.57                 | -904.9                              | 165.9        | 601.8                  | 568.8                   | 33.07                     | 18.197            |                    |          |
| 4,600.0               | 4,572.9               | 4,524.0               | 4,401.1               | 17.4             | 21.7          | 44.20                 | -932.2                              | 171.1        | 627.0                  | 593.2                   | 33.78                     | 18.560            |                    |          |
| 4,673.7               | 4,646.6               | 4,605.2               | 4,468.9               | 17.6             | 22.2          | -172.97               | -952.2                              | 174.9        | 646.7                  | 612.4                   | 34.33                     | 18.840            |                    |          |
| 4,700.0               | 4,672.9               | 4,620.0               | 4,493.0               | 17.7             | 22.3          | -173.17               | -959.3                              | 176.2        | 653.9                  | 619.5                   | 34.46                     | 18.979            |                    |          |
| 4,800.0               | 4,772.9               | 4,715.7               | 4,584.8               | 18.0             | 22.8          | -173.90               | -986.3                              | 181.4        | 681.5                  | 646.4                   | 35.12                     | 19.404            |                    |          |
| 4,900.0               | 4,872.9               | 4,811.5               | 4,676.5               | 18.3             | 23.4          | -174.57               | -1,013.4                            | 186.5        | 709.1                  | 673.3                   | 35.79                     | 19.813            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,000.0               | 4,972.9               | 4,907.3               | 4,768.2               | 18.6             | 23.9          | -175.19               | -1,040.4                            | 191.6        | 736.9                  | 700.4                   | 36.47                     | 20.207            |                    |          |
| 5,100.0               | 5,072.9               | 5,003.1               | 4,860.0               | 19.0             | 24.5          | -175.76               | -1,067.5                            | 196.8        | 764.7                  | 727.5                   | 37.14                     | 20.586            |                    |          |
| 5,200.0               | 5,172.9               | 5,101.1               | 4,951.7               | 19.3             | 25.1          | -176.30               | -1,094.5                            | 201.9        | 792.6                  | 754.7                   | 37.84                     | 20.947            |                    |          |
| 5,300.0               | 5,272.9               | 5,194.6               | 5,043.5               | 19.6             | 25.6          | -176.80               | -1,121.6                            | 207.0        | 820.5                  | 782.0                   | 38.51                     | 21.304            |                    |          |
| 5,400.0               | 5,372.9               | 5,309.6               | 5,135.2               | 19.9             | 26.3          | -177.26               | -1,148.6                            | 212.2        | 848.5                  | 809.2                   | 39.28                     | 21.600            |                    |          |
| 5,500.0               | 5,472.9               | 5,386.2               | 5,226.9               | 20.2             | 26.7          | -177.70               | -1,175.7                            | 217.3        | 876.5                  | 836.6                   | 39.89                     | 21.972            |                    |          |
| 5,600.0               | 5,572.9               | 5,482.0               | 5,318.7               | 20.6             | 27.3          | -178.11               | -1,202.7                            | 222.4        | 904.6                  | 864.0                   | 40.59                     | 22.288            |                    |          |
| 5,700.0               | 5,672.9               | 5,604.4               | 5,436.4               | 20.9             | 28.0          | -178.58               | -1,235.8                            | 228.7        | 931.5                  | 890.0                   | 41.53                     | 22.427            |                    |          |
| 5,800.0               | 5,772.9               | 5,732.4               | 5,560.5               | 21.2             | 28.7          | -178.98               | -1,266.3                            | 234.5        | 955.3                  | 912.8                   | 42.48                     | 22.487            |                    |          |
| 5,900.0               | 5,872.9               | 5,862.4               | 5,687.6               | 21.5             | 29.3          | -179.31               | -1,293.2                            | 239.6        | 975.9                  | 932.6                   | 43.39                     | 22.491            |                    |          |
| 6,000.0               | 5,972.9               | 5,994.1               | 5,817.3               | 21.9             | 29.9          | -179.58               | -1,316.0                            | 243.9        | 993.3                  | 949.0                   | 44.26                     | 22.444            |                    |          |
| 6,100.0               | 6,072.9               | 6,127.4               | 5,949.1               | 22.2             | 30.5          | -179.79               | -1,334.7                            | 247.4        | 1,007.3                | 962.2                   | 45.07                     | 22.350            |                    |          |
| 6,200.0               | 6,172.9               | 6,261.8               | 6,082.8               | 22.5             | 31.0          | -179.95               | -1,348.9                            | 250.1        | 1,017.8                | 972.0                   | 45.83                     | 22.211            |                    |          |
| 6,300.0               | 6,272.9               | 6,397.1               | 6,217.7               | 22.8             | 31.4          | -179.95               | -1,358.5                            | 252.0        | 1,025.0                | 978.4                   | 46.52                     | 22.032            |                    |          |
| 6,400.0               | 6,372.9               | 6,532.9               | 6,353.4               | 23.2             | 31.8          | -179.90               | -1,363.5                            | 252.9        | 1,028.6                | 981.4                   | 47.15                     | 21.816            |                    |          |
| 6,454.1               | 6,427.0               | 6,606.5               | 6,427.0               | 23.4             | 32.0          | -179.89               | -1,364.2                            | 253.0        | 1,029.1                | 981.7                   | 47.46                     | 21.686            |                    |          |
| 6,500.0               | 6,472.8               | 6,641.1               | 6,461.6               | 23.5             | 32.1          | -97.93                | -1,364.3                            | 252.0        | 1,029.6                | 981.9                   | 47.77                     | 21.555            |                    |          |
| 6,550.0               | 6,522.4               | 6,678.8               | 6,499.2               | 23.6             | 32.2          | -97.83                | -1,365.0                            | 248.5        | 1,031.3                | 983.2                   | 48.08                     | 21.451            |                    |          |
| 6,600.0               | 6,571.3               | 6,716.6               | 6,536.4               | 23.8             | 32.3          | -97.65                | -1,366.1                            | 242.7        | 1,034.2                | 985.8                   | 48.36                     | 21.385            |                    |          |
| 6,650.0               | 6,619.1               | 6,754.3               | 6,573.2               | 23.9             | 32.4          | -97.40                | -1,367.6                            | 234.4        | 1,038.3                | 989.6                   | 48.62                     | 21.354            |                    |          |
| 6,700.0               | 6,665.4               | 6,792.1               | 6,609.4               | 24.0             | 32.4          | -97.08                | -1,369.6                            | 223.7        | 1,043.4                | 994.6                   | 48.86                     | 21.358            |                    |          |
| 6,750.0               | 6,709.9               | 6,829.9               | 6,644.8               | 24.1             | 32.5          | -96.70                | -1,372.0                            | 210.8        | 1,049.8                | 1,000.7                 | 49.08                     | 21.390            |                    |          |
| 6,800.0               | 6,752.3               | 6,867.7               | 6,679.3               | 24.2             | 32.6          | -96.25                | -1,374.9                            | 195.5        | 1,057.1                | 1,007.8                 | 49.29                     | 21.447            |                    |          |
| 6,850.0               | 6,792.1               | 6,905.6               | 6,712.7               | 24.3             | 32.7          | -95.73                | -1,378.1                            | 178.0        | 1,065.5                | 1,016.0                 | 49.51                     | 21.523            |                    |          |
| 6,900.0               | 6,829.2               | 6,943.6               | 6,745.0               | 24.4             | 32.8          | -95.16                | -1,381.8                            | 158.3        | 1,074.9                | 1,025.2                 | 49.73                     | 21.614            |                    |          |
| 6,950.0               | 6,863.3               | 6,981.6               | 6,775.9               | 24.5             | 32.9          | -94.53                | -1,385.9                            | 136.5        | 1,085.2                | 1,035.2                 | 49.98                     | 21.712            |                    |          |
| 7,000.0               | 6,894.0               | 7,019.9               | 6,805.5               | 24.6             | 32.9          | -93.85                | -1,390.3                            | 112.7        | 1,096.4                | 1,046.1                 | 50.26                     | 21.813            |                    |          |
| 7,050.0               | 6,921.1               | 7,058.3               | 6,833.4               | 24.7             | 33.0          | -93.12                | -1,395.1                            | 86.8         | 1,108.3                | 1,057.7                 | 50.58                     | 21.911            |                    |          |
| 7,100.0               | 6,944.5               | 7,097.0               | 6,859.8               | 24.9             | 33.1          | -92.36                | -1,400.3                            | 58.9         | 1,121.0                | 1,070.0                 | 50.95                     | 22.000            |                    |          |
| 7,150.0               | 6,964.0               | 7,136.0               | 6,884.3               | 25.1             | 33.2          | -91.56                | -1,405.9                            | 29.1         | 1,134.3                | 1,082.9                 | 51.38                     | 22.077            |                    |          |
| 7,200.0               | 6,979.4               | 7,175.4               | 6,906.9               | 25.4             | 33.2          | -90.74                | -1,411.8                            | -2.6         | 1,148.1                | 1,096.3                 | 51.86                     | 22.138            |                    |          |
| 7,250.0               | 6,990.5               | 7,215.2               | 6,927.5               | 25.8             | 33.3          | -89.91                | -1,418.0                            | -36.1        | 1,162.5                | 1,110.1                 | 52.41                     | 22.181            |                    |          |
| 7,300.0               | 6,997.4               | 7,255.6               | 6,945.9               | 26.2             | 33.4          | -89.06                | -1,424.6                            | -71.4        | 1,177.3                | 1,124.3                 | 52.99                     | 22.216            |                    |          |
| 7,354.1               | 7,000.0               | 7,300.1               | 6,963.2               | 26.7             | 33.5          | -88.15                | -1,432.1                            | -111.7       | 1,193.6                | 1,139.9                 | 53.70                     | 22.227            |                    |          |
| 7,400.0               | 7,000.0               | 7,339.3               | 6,975.7               | 27.1             | 33.6          | -88.80                | -1,438.9                            | -148.2       | 1,207.3                | 1,153.0                 | 54.36                     | 22.210            |                    |          |
| 7,500.0               | 7,000.0               | 7,430.7               | 6,995.0               | 28.2             | 33.8          | -89.76                | -1,455.2                            | -236.0       | 1,235.4                | 1,179.4                 | 56.09                     | 22.027            |                    |          |
| 7,600.0               | 7,000.0               | 7,543.3               | 7,000.0               | 29.5             | 34.3          | -90.00                | -1,475.6                            | -346.5       | 1,260.3                | 1,202.0                 | 58.35                     | 21.598            |                    |          |
| 7,700.0               | 7,000.0               | 7,720.1               | 7,000.0               | 30.9             | 35.3          | -90.00                | -1,500.3                            | -521.5       | 1,277.6                | 1,216.1                 | 61.57                     | 20.750            |                    |          |
| 7,800.0               | 7,000.0               | 7,900.5               | 7,000.0               | 32.4             | 36.8          | -90.00                | -1,514.4                            | -701.4       | 1,285.3                | 1,220.1                 | 65.25                     | 19.699            |                    |          |
| 7,838.6               | 7,000.0               | 7,945.5               | 7,000.0               | 33.0             | 37.3          | -90.00                | -1,516.3                            | -746.3       | 1,286.0                | 1,219.5                 | 66.52                     | 19.333            |                    |          |
| 7,900.0               | 7,000.0               | 8,006.9               | 7,000.0               | 34.0             | 38.0          | -90.00                | -1,518.8                            | -807.6       | 1,286.6                | 1,218.1                 | 68.47                     | 18.789            |                    |          |
| 8,000.0               | 7,000.0               | 8,106.9               | 7,000.0               | 35.8             | 39.2          | -90.00                | -1,523.0                            | -907.6       | 1,287.5                | 1,215.7                 | 71.83                     | 17.925            |                    |          |
| 8,100.0               | 7,000.0               | 8,206.9               | 7,000.0               | 37.6             | 40.7          | -90.00                | -1,527.2                            | -1,007.5     | 1,288.5                | 1,213.1                 | 75.35                     | 17.099            |                    |          |
| 8,200.0               | 7,000.0               | 8,306.9               | 7,000.0               | 39.4             | 42.2          | -90.00                | -1,531.3                            | -1,107.4     | 1,289.4                | 1,210.4                 | 79.02                     | 16.318            |                    |          |
| 8,300.0               | 7,000.0               | 8,406.9               | 7,000.0               | 41.4             | 43.9          | -90.00                | -1,535.5                            | -1,207.3     | 1,290.4                | 1,207.5                 | 82.82                     | 15.581            |                    |          |
| 8,400.0               | 7,000.0               | 8,506.9               | 7,000.0               | 43.4             | 45.6          | -90.00                | -1,539.6                            | -1,307.2     | 1,291.3                | 1,204.6                 | 86.72                     | 14.891            |                    |          |
| 8,500.0               | 7,000.0               | 8,606.9               | 7,000.0               | 45.4             | 47.5          | -90.00                | -1,543.8                            | -1,407.1     | 1,292.3                | 1,201.5                 | 90.72                     | 14.245            |                    |          |
| 8,600.0               | 7,000.0               | 8,706.9               | 7,000.0               | 47.5             | 49.4          | -90.00                | -1,548.0                            | -1,507.0     | 1,293.2                | 1,198.4                 | 94.80                     | 13.641            |                    |          |
| 8,700.0               | 7,000.0               | 8,806.9               | 7,000.0               | 49.6             | 51.3          | -90.00                | -1,552.1                            | -1,606.9     | 1,294.2                | 1,195.2                 | 98.96                     | 13.078            |                    |          |
| 8,800.0               | 7,000.0               | 8,906.9               | 7,000.0               | 51.7             | 53.3          | -90.00                | -1,556.3                            | -1,706.8     | 1,295.1                | 1,191.9                 | 103.18                    | 12.552            |                    |          |
| 8,900.0               | 7,000.0               | 9,006.8               | 7,000.0               | 53.9             | 55.3          | -90.00                | -1,560.4                            | -1,806.7     | 1,296.1                | 1,188.6                 | 107.45                    | 12.062            |                    |          |
| 9,000.0               | 7,000.0               | 9,106.8               | 7,000.0               | 56.0             | 57.4          | -90.00                | -1,564.6                            | -1,906.6     | 1,297.0                | 1,185.2                 | 111.78                    | 11.603            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 9,100.0               | 7,000.0               | 9,206.8               | 7,000.0               | 58.3             | 59.5          | -90.00                | -1,568.8                            | -2,006.5     | 1,298.0                | 1,181.8                 | 116.15                    | 11.174            |                    |          |
| 9,200.0               | 7,000.0               | 9,306.8               | 7,000.0               | 60.5             | 61.6          | -90.00                | -1,572.9                            | -2,106.5     | 1,298.9                | 1,178.4                 | 120.57                    | 10.774            |                    |          |
| 9,300.0               | 7,000.0               | 9,406.8               | 7,000.0               | 62.7             | 63.8          | -90.00                | -1,577.1                            | -2,206.4     | 1,299.9                | 1,174.9                 | 125.01                    | 10.398            |                    |          |
| 9,400.0               | 7,000.0               | 9,506.8               | 7,000.0               | 65.0             | 65.9          | -90.00                | -1,581.3                            | -2,306.3     | 1,300.8                | 1,171.3                 | 129.49                    | 10.046            |                    |          |
| 9,500.0               | 7,000.0               | 9,606.8               | 7,000.0               | 67.2             | 68.1          | -90.00                | -1,585.4                            | -2,406.2     | 1,301.8                | 1,167.8                 | 134.00                    | 9.715             |                    |          |
| 9,600.0               | 7,000.0               | 9,706.8               | 7,000.0               | 69.5             | 70.3          | -90.00                | -1,589.6                            | -2,506.1     | 1,302.7                | 1,164.2                 | 138.53                    | 9.404             |                    |          |
| 9,700.0               | 7,000.0               | 9,806.8               | 7,000.0               | 71.8             | 72.5          | -90.00                | -1,593.7                            | -2,606.0     | 1,303.7                | 1,160.6                 | 143.09                    | 9.111             |                    |          |
| 9,800.0               | 7,000.0               | 9,906.8               | 7,000.0               | 74.1             | 74.8          | -90.00                | -1,597.9                            | -2,705.9     | 1,304.6                | 1,157.0                 | 147.67                    | 8.835             |                    |          |
| 9,900.0               | 7,000.0               | 10,006.8              | 7,000.0               | 76.4             | 77.0          | -90.00                | -1,602.1                            | -2,805.8     | 1,305.6                | 1,153.3                 | 152.27                    | 8.574             |                    |          |
| 10,000.0              | 7,000.0               | 10,106.8              | 7,000.0               | 78.7             | 79.3          | -90.00                | -1,606.2                            | -2,905.7     | 1,306.5                | 1,149.6                 | 156.88                    | 8.328             |                    |          |
| 10,100.0              | 7,000.0               | 10,206.8              | 7,000.0               | 81.1             | 81.6          | -90.00                | -1,610.4                            | -3,005.6     | 1,307.5                | 1,146.0                 | 161.51                    | 8.095             |                    |          |
| 10,200.0              | 7,000.0               | 10,306.8              | 7,000.0               | 83.4             | 83.8          | -90.00                | -1,614.5                            | -3,105.5     | 1,308.4                | 1,142.3                 | 166.16                    | 7.875             |                    |          |
| 10,300.0              | 7,000.0               | 10,406.8              | 7,000.0               | 85.7             | 86.1          | -90.00                | -1,618.7                            | -3,205.5     | 1,309.4                | 1,138.6                 | 170.82                    | 7.665             |                    |          |
| 10,400.0              | 7,000.0               | 10,506.8              | 7,000.0               | 88.1             | 88.4          | -90.00                | -1,622.9                            | -3,305.4     | 1,310.3                | 1,134.8                 | 175.49                    | 7.467             |                    |          |
| 10,500.0              | 7,000.0               | 10,606.8              | 7,000.0               | 90.4             | 90.7          | -90.00                | -1,627.0                            | -3,405.3     | 1,311.3                | 1,131.1                 | 180.17                    | 7.278             |                    |          |
| 10,600.0              | 7,000.0               | 10,706.8              | 7,000.0               | 92.8             | 93.0          | -90.00                | -1,631.2                            | -3,505.2     | 1,312.2                | 1,127.4                 | 184.87                    | 7.098             |                    |          |
| 10,700.0              | 7,000.0               | 10,806.8              | 7,000.0               | 95.2             | 95.4          | -90.00                | -1,635.3                            | -3,605.1     | 1,313.2                | 1,123.6                 | 189.57                    | 6.927             |                    |          |
| 10,800.0              | 7,000.0               | 10,906.8              | 7,000.0               | 97.5             | 97.7          | -90.00                | -1,639.5                            | -3,705.0     | 1,314.1                | 1,119.8                 | 194.28                    | 6.764             |                    |          |
| 10,900.0              | 7,000.0               | 11,006.8              | 7,000.0               | 99.9             | 100.0         | -90.00                | -1,643.7                            | -3,804.9     | 1,315.1                | 1,116.1                 | 199.01                    | 6.608             |                    |          |
| 11,000.0              | 7,000.0               | 11,106.8              | 7,000.0               | 102.3            | 102.4         | -90.00                | -1,647.8                            | -3,904.8     | 1,316.0                | 1,112.3                 | 203.74                    | 6.459             |                    |          |
| 11,100.0              | 7,000.0               | 11,206.7              | 7,000.0               | 104.6            | 104.7         | -90.00                | -1,652.0                            | -4,004.7     | 1,317.0                | 1,108.5                 | 208.47                    | 6.317             |                    |          |
| 11,200.0              | 7,000.0               | 11,306.7              | 7,000.0               | 107.0            | 107.0         | -90.00                | -1,656.1                            | -4,104.6     | 1,317.9                | 1,104.7                 | 213.22                    | 6.181             |                    |          |
| 11,300.0              | 7,000.0               | 11,406.7              | 7,000.0               | 109.4            | 109.4         | -90.00                | -1,660.3                            | -4,204.5     | 1,318.9                | 1,100.9                 | 217.97                    | 6.051             |                    |          |
| 11,400.0              | 7,000.0               | 11,506.7              | 7,000.0               | 111.8            | 111.8         | -90.00                | -1,664.5                            | -4,304.5     | 1,319.8                | 1,097.1                 | 222.72                    | 5.926             |                    |          |
| 11,500.0              | 7,000.0               | 11,606.7              | 7,000.0               | 114.2            | 114.1         | -90.00                | -1,668.6                            | -4,404.4     | 1,320.8                | 1,093.3                 | 227.49                    | 5.806             |                    |          |
| 11,600.0              | 7,000.0               | 11,706.7              | 7,000.0               | 116.6            | 116.5         | -90.00                | -1,672.8                            | -4,504.3     | 1,321.7                | 1,089.5                 | 232.25                    | 5.691             |                    |          |
| 11,700.0              | 7,000.0               | 11,806.7              | 7,000.0               | 118.9            | 118.8         | -90.00                | -1,676.9                            | -4,604.2     | 1,322.7                | 1,085.7                 | 237.02                    | 5.580             |                    |          |
| 11,800.0              | 7,000.0               | 11,906.7              | 7,000.0               | 121.3            | 121.2         | -90.00                | -1,681.1                            | -4,704.1     | 1,323.6                | 1,081.8                 | 241.80                    | 5.474             |                    |          |
| 11,900.0              | 7,000.0               | 12,006.7              | 7,000.0               | 123.7            | 123.6         | -90.00                | -1,685.3                            | -4,804.0     | 1,324.6                | 1,078.0                 | 246.58                    | 5.372             |                    |          |
| 12,000.0              | 7,000.0               | 12,106.7              | 7,000.0               | 126.1            | 126.0         | -90.00                | -1,689.4                            | -4,903.9     | 1,325.5                | 1,074.2                 | 251.37                    | 5.273             |                    |          |
| 12,100.0              | 7,000.0               | 12,206.7              | 7,000.0               | 128.5            | 128.3         | -90.00                | -1,693.6                            | -5,003.8     | 1,326.5                | 1,070.3                 | 256.16                    | 5.178             |                    |          |
| 12,200.0              | 7,000.0               | 12,306.7              | 7,000.0               | 130.9            | 130.7         | -90.00                | -1,697.8                            | -5,103.7     | 1,327.4                | 1,066.5                 | 260.95                    | 5.087             |                    |          |
| 12,300.0              | 7,000.0               | 12,406.7              | 7,000.0               | 133.3            | 133.1         | -90.00                | -1,701.9                            | -5,203.6     | 1,328.4                | 1,062.6                 | 265.75                    | 4.999             |                    |          |
| 12,400.0              | 7,000.0               | 12,506.7              | 7,000.0               | 135.7            | 135.5         | -90.00                | -1,706.1                            | -5,303.5     | 1,329.3                | 1,058.8                 | 270.55                    | 4.914             |                    |          |
| 12,500.0              | 7,000.0               | 12,606.7              | 7,000.0               | 138.1            | 137.9         | -90.00                | -1,710.2                            | -5,403.5     | 1,330.3                | 1,054.9                 | 275.35                    | 4.831             |                    |          |
| 12,600.0              | 7,000.0               | 12,706.7              | 7,000.0               | 140.5            | 140.3         | -90.00                | -1,714.4                            | -5,503.4     | 1,331.2                | 1,051.1                 | 280.16                    | 4.752             |                    |          |
| 12,700.0              | 7,000.0               | 12,806.7              | 7,000.0               | 143.0            | 142.6         | -90.00                | -1,718.6                            | -5,603.3     | 1,332.2                | 1,047.2                 | 284.96                    | 4.675             |                    |          |
| 12,800.0              | 7,000.0               | 12,906.7              | 7,000.0               | 145.4            | 145.0         | -90.00                | -1,722.7                            | -5,703.2     | 1,333.1                | 1,043.4                 | 289.78                    | 4.601             |                    |          |
| 12,900.0              | 7,000.0               | 13,006.7              | 7,000.0               | 147.8            | 147.4         | -90.00                | -1,726.9                            | -5,803.1     | 1,334.1                | 1,039.5                 | 294.59                    | 4.529             |                    |          |
| 13,000.0              | 7,000.0               | 13,106.7              | 7,000.0               | 150.2            | 149.8         | -90.00                | -1,731.0                            | -5,903.0     | 1,335.0                | 1,035.6                 | 299.41                    | 4.459             |                    |          |
| 13,100.0              | 7,000.0               | 13,206.7              | 7,000.0               | 152.6            | 152.2         | -90.00                | -1,735.2                            | -6,002.9     | 1,336.0                | 1,031.8                 | 304.22                    | 4.391             |                    |          |
| 13,200.0              | 7,000.0               | 13,306.7              | 7,000.0               | 155.0            | 154.6         | -90.00                | -1,739.4                            | -6,102.8     | 1,336.9                | 1,027.9                 | 309.05                    | 4.326             |                    |          |
| 13,300.0              | 7,000.0               | 13,406.6              | 7,000.0               | 157.4            | 157.0         | -90.00                | -1,743.5                            | -6,202.7     | 1,337.9                | 1,024.0                 | 313.87                    | 4.263             |                    |          |
| 13,400.0              | 7,000.0               | 13,506.6              | 7,000.0               | 159.8            | 159.4         | -90.00                | -1,747.7                            | -6,302.6     | 1,338.8                | 1,020.1                 | 318.69                    | 4.201             |                    |          |
| 13,500.0              | 7,000.0               | 13,606.6              | 7,000.0               | 162.3            | 161.8         | -90.00                | -1,751.8                            | -6,402.5     | 1,339.8                | 1,016.3                 | 323.52                    | 4.141             |                    |          |
| 13,600.0              | 7,000.0               | 13,706.6              | 7,000.0               | 164.7            | 164.2         | -90.00                | -1,756.0                            | -6,502.4     | 1,340.7                | 1,012.4                 | 328.35                    | 4.083             |                    |          |
| 13,700.0              | 7,000.0               | 13,806.6              | 7,000.0               | 167.1            | 166.6         | -90.00                | -1,760.2                            | -6,602.4     | 1,341.7                | 1,008.5                 | 333.18                    | 4.027             |                    |          |
| 13,800.0              | 7,000.0               | 13,906.6              | 7,000.0               | 169.5            | 169.0         | -90.00                | -1,764.3                            | -6,702.3     | 1,342.6                | 1,004.6                 | 338.01                    | 3.972             |                    |          |
| 13,900.0              | 7,000.0               | 14,006.6              | 7,000.0               | 171.9            | 171.4         | -90.00                | -1,768.5                            | -6,802.2     | 1,343.6                | 1,000.7                 | 342.85                    | 3.919             |                    |          |
| 14,000.0              | 7,000.0               | 14,106.6              | 7,000.0               | 174.4            | 173.8         | -90.00                | -1,772.6                            | -6,902.1     | 1,344.5                | 996.9                   | 347.68                    | 3.867             |                    |          |
| 14,100.0              | 7,000.0               | 14,206.6              | 7,000.0               | 176.8            | 176.3         | -90.00                | -1,776.8                            | -7,002.0     | 1,345.5                | 993.0                   | 352.52                    | 3.817             |                    |          |
| 14,200.0              | 7,000.0               | 14,306.6              | 7,000.0               | 179.2            | 178.7         | -90.00                | -1,781.0                            | -7,101.9     | 1,346.4                | 989.1                   | 357.36                    | 3.768             |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 14,300.0              | 7,000.0               | 14,406.6              | 7,000.0               | 181.6            | 181.1         | -90.00                | -1,785.1                            | -7,201.8     | 1,347.4                | 985.2                   | 362.20                    | 3.720             |                    |          |
| 14,400.0              | 7,000.0               | 14,506.6              | 7,000.0               | 184.0            | 183.5         | -90.00                | -1,789.3                            | -7,301.7     | 1,348.3                | 981.3                   | 367.04                    | 3.674             |                    |          |
| 14,500.0              | 7,000.0               | 14,606.6              | 7,000.0               | 186.5            | 185.9         | -90.00                | -1,793.5                            | -7,401.6     | 1,349.3                | 977.4                   | 371.88                    | 3.628             |                    |          |
| 14,600.0              | 7,000.0               | 14,706.6              | 7,000.0               | 188.9            | 188.3         | -90.00                | -1,797.6                            | -7,501.5     | 1,350.2                | 973.5                   | 376.72                    | 3.584             |                    |          |
| 14,700.0              | 7,000.0               | 14,806.6              | 7,000.0               | 191.3            | 190.7         | -90.00                | -1,801.8                            | -7,601.4     | 1,351.2                | 969.6                   | 381.57                    | 3.541             |                    |          |
| 14,800.0              | 7,000.0               | 14,906.6              | 7,000.0               | 193.7            | 193.1         | -90.00                | -1,805.9                            | -7,701.4     | 1,352.1                | 965.7                   | 386.41                    | 3.499             |                    |          |
| 14,900.0              | 7,000.0               | 15,006.6              | 7,000.0               | 196.2            | 195.6         | -90.00                | -1,810.1                            | -7,801.3     | 1,353.1                | 961.8                   | 391.26                    | 3.458             |                    |          |
| 15,000.0              | 7,000.0               | 15,106.6              | 7,000.0               | 198.6            | 198.0         | -90.00                | -1,814.3                            | -7,901.2     | 1,354.0                | 957.9                   | 396.11                    | 3.418             |                    |          |
| 15,100.0              | 7,000.0               | 15,206.6              | 7,000.0               | 201.0            | 200.4         | -90.00                | -1,818.4                            | -8,001.1     | 1,355.0                | 954.0                   | 400.96                    | 3.379             |                    |          |
| 15,200.0              | 7,000.0               | 15,306.6              | 7,000.0               | 203.5            | 202.8         | -90.00                | -1,822.6                            | -8,101.0     | 1,355.9                | 950.1                   | 405.81                    | 3.341             |                    |          |
| 15,300.0              | 7,000.0               | 15,406.6              | 7,000.0               | 205.9            | 205.2         | -90.00                | -1,826.7                            | -8,200.9     | 1,356.9                | 946.2                   | 410.66                    | 3.304             |                    |          |
| 15,400.0              | 7,000.0               | 15,506.6              | 7,000.0               | 208.3            | 207.6         | -90.00                | -1,830.9                            | -8,300.8     | 1,357.8                | 942.3                   | 415.51                    | 3.268             |                    |          |
| 15,500.0              | 7,000.0               | 15,606.6              | 7,000.0               | 210.7            | 210.1         | -90.00                | -1,835.1                            | -8,400.7     | 1,358.8                | 938.4                   | 420.36                    | 3.232             |                    |          |
| 15,600.0              | 7,000.0               | 15,706.5              | 7,000.0               | 213.2            | 212.5         | -90.00                | -1,839.2                            | -8,500.6     | 1,359.7                | 934.5                   | 425.22                    | 3.198             |                    |          |
| 15,700.0              | 7,000.0               | 15,806.5              | 7,000.0               | 215.6            | 214.9         | -90.00                | -1,843.4                            | -8,600.5     | 1,360.7                | 930.6                   | 430.07                    | 3.164             |                    |          |
| 15,800.0              | 7,000.0               | 15,906.5              | 7,000.0               | 218.0            | 217.3         | -90.00                | -1,847.5                            | -8,700.4     | 1,361.6                | 926.7                   | 434.92                    | 3.131             |                    |          |
| 15,900.0              | 7,000.0               | 16,006.5              | 7,000.0               | 220.5            | 219.7         | -90.00                | -1,851.7                            | -8,800.4     | 1,362.6                | 922.8                   | 439.78                    | 3.098             |                    |          |
| 16,000.0              | 7,000.0               | 16,106.5              | 7,000.0               | 222.9            | 222.2         | -90.00                | -1,855.9                            | -8,900.3     | 1,363.5                | 918.9                   | 444.64                    | 3.067             |                    |          |
| 16,100.0              | 7,000.0               | 16,206.5              | 7,000.0               | 225.3            | 224.6         | -90.00                | -1,860.0                            | -9,000.2     | 1,364.5                | 915.0                   | 449.49                    | 3.036             |                    |          |
| 16,200.0              | 7,000.0               | 16,306.5              | 7,000.0               | 227.7            | 227.0         | -90.00                | -1,864.2                            | -9,100.1     | 1,365.4                | 911.1                   | 454.35                    | 3.005             |                    |          |
| 16,300.0              | 7,000.0               | 16,406.5              | 7,000.0               | 230.2            | 229.4         | -90.00                | -1,868.3                            | -9,200.0     | 1,366.4                | 907.2                   | 459.21                    | 2.976             |                    |          |
| 16,400.0              | 7,000.0               | 16,506.5              | 7,000.0               | 232.6            | 231.9         | -90.00                | -1,872.5                            | -9,299.9     | 1,367.4                | 903.3                   | 464.07                    | 2.946             |                    |          |
| 16,500.0              | 7,000.0               | 16,606.5              | 7,000.0               | 235.0            | 234.3         | -90.00                | -1,876.7                            | -9,399.8     | 1,368.3                | 899.4                   | 468.93                    | 2.918             |                    |          |
| 16,600.0              | 7,000.0               | 16,706.5              | 7,000.0               | 237.5            | 236.7         | -90.00                | -1,880.8                            | -9,499.7     | 1,369.3                | 895.5                   | 473.79                    | 2.890             |                    |          |
| 16,700.0              | 7,000.0               | 16,806.5              | 7,000.0               | 239.9            | 239.1         | -90.00                | -1,885.0                            | -9,599.6     | 1,370.2                | 891.6                   | 478.65                    | 2.863             |                    |          |
| 16,800.0              | 7,000.0               | 16,906.5              | 7,000.0               | 242.3            | 241.6         | -90.00                | -1,889.1                            | -9,699.5     | 1,371.2                | 887.6                   | 483.51                    | 2.836             |                    |          |
| 16,900.0              | 7,000.0               | 17,006.5              | 7,000.0               | 244.8            | 244.0         | -90.00                | -1,893.3                            | -9,799.4     | 1,372.1                | 883.7                   | 488.37                    | 2.810             |                    |          |
| 17,000.0              | 7,000.0               | 17,106.5              | 7,000.0               | 247.2            | 246.4         | -90.00                | -1,897.5                            | -9,899.4     | 1,373.1                | 879.8                   | 493.24                    | 2.784             |                    |          |
| 17,100.0              | 7,000.0               | 17,206.5              | 7,000.0               | 249.6            | 248.8         | -90.00                | -1,901.6                            | -9,999.3     | 1,374.0                | 875.9                   | 498.10                    | 2.758             |                    |          |
| 17,200.0              | 7,000.0               | 17,306.5              | 7,000.0               | 252.1            | 251.3         | -90.00                | -1,905.8                            | -10,099.2    | 1,375.0                | 872.0                   | 502.96                    | 2.734             |                    |          |
| 17,292.9              | 7,000.0               | 17,400.7              | 7,000.0               | 254.3            | 253.5         | -90.00                | -1,909.7                            | -10,192.0    | 1,375.8                | 868.3                   | 507.51                    | 2.711 SF          |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 0.0                   | 0.0                   | 0.0                   | 0.0                   | 0.0              | 0.0           | -90.00                | 0.0                                 | -30.0        | 30.0                   |                         |                           |                   |                    |          |
| 100.0                 | 100.0                 | 100.0                 | 100.0                 | 0.1              | 0.1           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 29.7                    | 0.26                      | 117.057           |                    |          |
| 200.0                 | 200.0                 | 200.0                 | 200.0                 | 0.5              | 0.5           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 29.0                    | 0.97                      | 30.827            |                    |          |
| 300.0                 | 300.0                 | 300.0                 | 300.0                 | 0.8              | 0.8           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 28.3                    | 1.69                      | 17.751            |                    |          |
| 400.0                 | 400.0                 | 400.0                 | 400.0                 | 1.2              | 1.2           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 27.6                    | 2.41                      | 12.464            |                    |          |
| 500.0                 | 500.0                 | 500.0                 | 500.0                 | 1.6              | 1.6           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 26.9                    | 3.12                      | 9.604             |                    |          |
| 600.0                 | 600.0                 | 600.0                 | 600.0                 | 1.9              | 1.9           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 26.2                    | 3.84                      | 7.811             |                    |          |
| 700.0                 | 700.0                 | 700.0                 | 700.0                 | 2.3              | 2.3           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 25.4                    | 4.56                      | 6.582             |                    |          |
| 800.0                 | 800.0                 | 800.0                 | 800.0                 | 2.6              | 2.6           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 24.7                    | 5.27                      | 5.688             |                    |          |
| 900.0                 | 900.0                 | 900.0                 | 900.0                 | 3.0              | 3.0           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 24.0                    | 5.99                      | 5.007             |                    |          |
| 1,000.0               | 1,000.0               | 1,000.0               | 1,000.0               | 3.4              | 3.4           | -90.00                | 0.0                                 | -30.0        | 30.0                   | 23.3                    | 6.71                      | 4.472             |                    |          |
| 1,100.0               | 1,100.0               | 1,100.5               | 1,100.5               | 3.7              | 3.7           | 128.12                | 0.0                                 | -29.1        | 29.7                   | 22.3                    | 7.40                      | 4.007             |                    |          |
| 1,200.0               | 1,200.0               | 1,201.0               | 1,201.0               | 4.0              | 4.1           | 132.11                | -0.2                                | -26.5        | 28.7                   | 20.6                    | 8.07                      | 3.556             |                    |          |
| 1,300.0               | 1,299.9               | 1,301.4               | 1,301.3               | 4.4              | 4.4           | 139.30                | -0.4                                | -22.1        | 27.5                   | 18.7                    | 8.75                      | 3.139             |                    |          |
| 1,400.0               | 1,399.7               | 1,401.7               | 1,401.4               | 4.7              | 4.8           | 150.21                | -0.7                                | -15.9        | 26.5                   | 17.1                    | 9.43                      | 2.811             |                    |          |
| 1,436.9               | 1,436.4               | 1,438.7               | 1,438.3               | 4.8              | 4.9           | 155.17                | -0.8                                | -13.2        | 26.4                   | 16.7                    | 9.69                      | 2.727 CC          |                    |          |
| 1,500.0               | 1,499.4               | 1,501.9               | 1,501.3               | 5.1              | 5.1           | 164.61                | -1.1                                | -8.1         | 26.8                   | 16.7                    | 10.13                     | 2.645 ES, SF      |                    |          |
| 1,600.0               | 1,598.9               | 1,602.0               | 1,600.8               | 5.4              | 5.5           | -179.42               | -1.6                                | 1.5          | 29.3                   | 18.4                    | 10.83                     | 2.701             |                    |          |
| 1,700.0               | 1,698.3               | 1,701.8               | 1,700.0               | 5.8              | 5.8           | -164.83               | -2.1                                | 12.9         | 34.5                   | 23.0                    | 11.56                     | 2.986             |                    |          |
| 1,800.0               | 1,797.4               | 1,801.4               | 1,798.8               | 6.1              | 6.2           | -153.29               | -2.8                                | 25.9         | 42.5                   | 30.2                    | 12.30                     | 3.456             |                    |          |
| 1,900.0               | 1,896.4               | 1,900.7               | 1,897.1               | 6.5              | 6.6           | -145.25               | -3.5                                | 39.7         | 52.3                   | 39.3                    | 13.06                     | 4.007             |                    |          |
| 2,000.0               | 1,995.5               | 2,000.0               | 1,995.4               | 6.9              | 7.0           | -139.81               | -4.2                                | 53.5         | 62.8                   | 49.0                    | 13.82                     | 4.547             |                    |          |
| 2,100.0               | 2,094.5               | 2,100.7               | 2,093.8               | 7.3              | 7.4           | -135.95               | -4.9                                | 67.3         | 73.7                   | 59.1                    | 14.59                     | 5.053             |                    |          |
| 2,200.0               | 2,193.5               | 2,201.4               | 2,192.1               | 7.7              | 7.8           | -133.09               | -5.6                                | 81.1         | 84.8                   | 69.5                    | 15.36                     | 5.523             |                    |          |
| 2,300.0               | 2,292.5               | 2,302.1               | 2,290.4               | 8.1              | 8.2           | -130.90               | -6.2                                | 94.9         | 96.1                   | 80.0                    | 16.14                     | 5.955             |                    |          |
| 2,400.0               | 2,391.6               | 2,402.8               | 2,388.8               | 8.5              | 8.6           | -129.17               | -6.9                                | 108.7        | 107.5                  | 90.6                    | 16.93                     | 6.353             |                    |          |
| 2,500.0               | 2,490.6               | 2,503.5               | 2,487.1               | 8.9              | 9.0           | -127.77               | -7.6                                | 122.5        | 119.0                  | 101.3                   | 17.72                     | 6.718             |                    |          |
| 2,600.0               | 2,589.6               | 2,604.2               | 2,585.4               | 9.3              | 9.4           | -126.62               | -8.3                                | 136.3        | 130.6                  | 112.1                   | 18.51                     | 7.053             |                    |          |
| 2,700.0               | 2,688.6               | 2,704.9               | 2,683.8               | 9.7              | 9.8           | -125.66               | -9.0                                | 150.1        | 142.2                  | 122.8                   | 19.31                     | 7.362             |                    |          |
| 2,800.0               | 2,787.7               | 2,805.6               | 2,782.1               | 10.1             | 10.2          | -124.84               | -9.7                                | 163.9        | 153.8                  | 133.7                   | 20.11                     | 7.648             |                    |          |
| 2,900.0               | 2,886.7               | 2,893.7               | 2,880.4               | 10.5             | 10.6          | -124.14               | -10.4                               | 177.7        | 165.4                  | 144.6                   | 20.86                     | 7.931             |                    |          |
| 3,000.0               | 2,985.7               | 3,007.0               | 2,978.8               | 10.9             | 11.0          | -123.52               | -11.1                               | 191.5        | 177.1                  | 155.4                   | 21.71                     | 8.156             |                    |          |
| 3,100.0               | 3,084.8               | 3,092.3               | 3,077.1               | 11.3             | 11.4          | -122.99               | -11.8                               | 205.3        | 188.8                  | 166.3                   | 22.46                     | 8.407             |                    |          |
| 3,200.0               | 3,183.8               | 3,192.3               | 3,176.2               | 11.7             | 11.8          | -122.59               | -12.4                               | 218.9        | 200.4                  | 177.1                   | 23.26                     | 8.615             |                    |          |
| 3,300.0               | 3,282.8               | 3,293.3               | 3,276.5               | 12.1             | 12.2          | -122.81               | -13.0                               | 230.5        | 211.4                  | 187.3                   | 24.06                     | 8.783             |                    |          |
| 3,400.0               | 3,381.8               | 3,394.4               | 3,377.2               | 12.6             | 12.6          | -123.68               | -13.5                               | 239.4        | 221.6                  | 196.7                   | 24.85                     | 8.917             |                    |          |
| 3,500.0               | 3,480.9               | 3,495.4               | 3,478.0               | 13.0             | 12.9          | -125.11               | -13.8                               | 245.6        | 231.1                  | 205.5                   | 25.61                     | 9.025             |                    |          |
| 3,600.0               | 3,579.9               | 3,596.1               | 3,578.7               | 13.4             | 13.3          | -127.04               | -14.0                               | 249.1        | 240.2                  | 213.9                   | 26.35                     | 9.117             |                    |          |
| 3,700.0               | 3,678.9               | 3,703.7               | 3,678.9               | 13.8             | 13.7          | -129.41               | -14.0                               | 250.0        | 249.1                  | 222.0                   | 27.08                     | 9.198             |                    |          |
| 3,800.0               | 3,777.9               | 3,804.6               | 3,777.9               | 14.2             | 14.0          | -131.78               | -14.0                               | 250.0        | 258.2                  | 230.4                   | 27.78                     | 9.295             |                    |          |
| 3,900.0               | 3,877.0               | 3,905.6               | 3,877.0               | 14.6             | 14.3          | -133.99               | -14.0                               | 250.0        | 267.7                  | 239.3                   | 28.47                     | 9.404             |                    |          |
| 4,000.0               | 3,976.0               | 4,006.6               | 3,976.0               | 15.1             | 14.7          | -136.05               | -14.0                               | 250.0        | 277.6                  | 248.5                   | 29.16                     | 9.520             |                    |          |
| 4,100.0               | 4,075.0               | 4,107.5               | 4,075.0               | 15.5             | 15.0          | -137.96               | -14.0                               | 250.0        | 287.9                  | 258.0                   | 29.85                     | 9.642             |                    |          |
| 4,140.4               | 4,115.0               | 4,132.5               | 4,115.0               | 15.6             | 15.1          | -138.70               | -14.0                               | 250.0        | 292.1                  | 262.0                   | 30.08                     | 9.710             |                    |          |
| 4,200.0               | 4,174.1               | 4,208.5               | 4,174.1               | 15.9             | 15.3          | -139.75               | -14.0                               | 250.0        | 298.0                  | 267.5                   | 30.54                     | 9.758             |                    |          |
| 4,300.0               | 4,273.5               | 4,309.1               | 4,273.5               | 16.3             | 15.7          | -141.16               | -14.0                               | 250.0        | 306.6                  | 275.4                   | 31.23                     | 9.818             |                    |          |
| 4,400.0               | 4,373.1               | 4,409.4               | 4,373.1               | 16.7             | 16.0          | -142.19               | -14.0                               | 250.0        | 313.2                  | 281.3                   | 31.91                     | 9.815             |                    |          |
| 4,500.0               | 4,473.0               | 4,509.6               | 4,473.0               | 17.0             | 16.4          | -142.88               | -14.0                               | 250.0        | 317.9                  | 285.3                   | 32.60                     | 9.752             |                    |          |
| 4,600.0               | 4,572.9               | 4,609.7               | 4,572.9               | 17.4             | 16.7          | -143.26               | -14.0                               | 250.0        | 320.5                  | 287.2                   | 33.28                     | 9.630             |                    |          |
| 4,673.7               | 4,646.6               | 4,664.1               | 4,646.6               | 17.6             | 16.9          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 287.3                   | 33.71                     | 9.524             |                    |          |
| 4,700.0               | 4,672.9               | 4,709.7               | 4,672.9               | 17.7             | 17.0          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 287.1                   | 33.95                     | 9.456             |                    |          |
| 4,800.0               | 4,772.9               | 4,809.7               | 4,772.9               | 18.0             | 17.4          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 286.4                   | 34.62                     | 9.274             |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 4,900.0               | 4,872.9               | 4,909.7               | 4,872.9               | 18.3             | 17.7          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 285.8                   | 35.29                     | 9.099             |                    |          |
| 5,000.0               | 4,972.9               | 5,009.7               | 4,972.9               | 18.6             | 18.1          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 285.1                   | 35.96                     | 8.929             |                    |          |
| 5,100.0               | 5,072.9               | 5,109.7               | 5,072.9               | 19.0             | 18.4          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 284.4                   | 36.63                     | 8.765             |                    |          |
| 5,200.0               | 5,172.9               | 5,209.7               | 5,172.9               | 19.3             | 18.8          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 283.7                   | 37.30                     | 8.607             |                    |          |
| 5,300.0               | 5,272.9               | 5,309.7               | 5,272.9               | 19.6             | 19.1          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 283.1                   | 37.98                     | 8.454             |                    |          |
| 5,400.0               | 5,372.9               | 5,409.7               | 5,372.9               | 19.9             | 19.4          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 282.4                   | 38.65                     | 8.306             |                    |          |
| 5,500.0               | 5,472.9               | 5,509.7               | 5,472.9               | 20.2             | 19.8          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 281.7                   | 39.33                     | 8.163             |                    |          |
| 5,600.0               | 5,572.9               | 5,609.7               | 5,572.9               | 20.6             | 20.1          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 281.0                   | 40.01                     | 8.024             |                    |          |
| 5,700.0               | 5,672.9               | 5,709.7               | 5,672.9               | 20.9             | 20.5          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 280.4                   | 40.69                     | 7.890             |                    |          |
| 5,800.0               | 5,772.9               | 5,809.7               | 5,772.9               | 21.2             | 20.8          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 279.7                   | 41.37                     | 7.760             |                    |          |
| 5,900.0               | 5,872.9               | 5,909.7               | 5,872.9               | 21.5             | 21.2          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 279.0                   | 42.06                     | 7.634             |                    |          |
| 6,000.0               | 5,972.9               | 6,009.7               | 5,972.9               | 21.9             | 21.5          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 278.3                   | 42.74                     | 7.511             |                    |          |
| 6,100.0               | 6,072.9               | 6,109.7               | 6,072.9               | 22.2             | 21.9          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 277.6                   | 43.43                     | 7.393             |                    |          |
| 6,200.0               | 6,172.9               | 6,209.7               | 6,172.9               | 22.5             | 22.2          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 276.9                   | 44.11                     | 7.278             |                    |          |
| 6,300.0               | 6,272.9               | 6,309.7               | 6,272.9               | 22.8             | 22.6          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 276.2                   | 44.80                     | 7.166             |                    |          |
| 6,400.0               | 6,372.9               | 6,409.7               | 6,372.9               | 23.2             | 22.9          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 275.6                   | 45.49                     | 7.058             |                    |          |
| 6,454.1               | 6,427.0               | 6,444.4               | 6,427.0               | 23.4             | 23.0          | -0.18                 | -14.0                               | 250.0        | 321.0                  | 275.3                   | 45.79                     | 7.011             |                    |          |
| 6,500.0               | 6,472.8               | 6,509.7               | 6,472.8               | 23.5             | 23.3          | 82.32                 | -14.0                               | 250.0        | 320.8                  | 274.6                   | 46.18                     | 6.947             |                    |          |
| 6,550.0               | 6,522.4               | 6,539.9               | 6,522.4               | 23.6             | 23.4          | 83.48                 | -14.0                               | 250.0        | 320.0                  | 273.6                   | 46.45                     | 6.889             |                    |          |
| 6,600.0               | 6,571.3               | 6,588.8               | 6,571.3               | 23.8             | 23.5          | 85.41                 | -14.0                               | 250.0        | 319.0                  | 272.2                   | 46.79                     | 6.817             |                    |          |
| 6,650.0               | 6,619.1               | 6,636.5               | 6,619.1               | 23.9             | 23.7          | 88.02                 | -14.0                               | 250.0        | 318.1                  | 271.0                   | 47.13                     | 6.750             |                    |          |
| 6,682.3               | 6,649.2               | 6,666.6               | 6,649.2               | 24.0             | 23.8          | 90.00                 | -14.0                               | 250.0        | 317.9                  | 270.6                   | 47.34                     | 6.715             |                    |          |
| 6,700.0               | 6,665.4               | 6,682.9               | 6,665.4               | 24.0             | 23.9          | 91.17                 | -14.0                               | 250.0        | 318.0                  | 270.5                   | 47.46                     | 6.700             |                    |          |
| 6,750.0               | 6,709.9               | 6,727.4               | 6,709.9               | 24.1             | 24.0          | 94.67                 | -14.0                               | 250.0        | 319.3                  | 271.5                   | 47.78                     | 6.683             |                    |          |
| 6,800.0               | 6,752.3               | 6,769.7               | 6,752.3               | 24.2             | 24.2          | 98.31                 | -14.0                               | 250.0        | 322.9                  | 274.8                   | 48.09                     | 6.714             |                    |          |
| 6,850.0               | 6,792.1               | 6,809.6               | 6,792.1               | 24.3             | 24.3          | 101.85                | -14.0                               | 250.0        | 329.5                  | 281.1                   | 48.37                     | 6.811             |                    |          |
| 6,900.0               | 6,829.2               | 6,846.7               | 6,829.2               | 24.4             | 24.4          | 105.06                | -14.0                               | 250.0        | 339.8                  | 291.2                   | 48.64                     | 6.987             |                    |          |
| 6,950.0               | 6,863.3               | 6,880.7               | 6,863.3               | 24.5             | 24.6          | 107.72                | -14.0                               | 250.0        | 354.4                  | 305.5                   | 48.88                     | 7.251             |                    |          |
| 7,000.0               | 6,894.0               | 6,911.4               | 6,894.0               | 24.6             | 24.7          | 109.67                | -14.0                               | 250.0        | 373.5                  | 324.4                   | 49.08                     | 7.610             |                    |          |
| 7,050.0               | 6,921.1               | 6,938.6               | 6,921.1               | 24.7             | 24.8          | 110.76                | -14.0                               | 250.0        | 397.2                  | 347.9                   | 49.25                     | 8.064             |                    |          |
| 7,100.0               | 6,944.5               | 6,962.0               | 6,944.5               | 24.9             | 24.8          | 110.86                | -14.0                               | 250.0        | 425.1                  | 375.7                   | 49.39                     | 8.607             |                    |          |
| 7,150.0               | 6,964.0               | 6,981.4               | 6,964.0               | 25.1             | 24.9          | 109.81                | -14.0                               | 250.0        | 457.0                  | 407.5                   | 49.50                     | 9.232             |                    |          |
| 7,200.0               | 6,979.4               | 7,003.2               | 6,979.4               | 25.4             | 25.0          | 107.44                | -14.0                               | 250.0        | 492.3                  | 442.7                   | 49.60                     | 9.924             |                    |          |
| 7,250.0               | 6,990.5               | 7,008.0               | 6,990.5               | 25.8             | 25.0          | 103.57                | -14.0                               | 250.0        | 530.4                  | 480.8                   | 49.63                     | 10.688            |                    |          |
| 7,300.0               | 6,997.4               | 7,014.8               | 6,997.4               | 26.2             | 25.0          | 98.00                 | -14.0                               | 250.0        | 570.8                  | 521.2                   | 49.65                     | 11.497            |                    |          |
| 7,354.1               | 7,000.0               | 7,017.4               | 7,000.0               | 26.7             | 25.0          | 90.00                 | -14.0                               | 250.0        | 616.4                  | 566.8                   | 49.65                     | 12.416            |                    |          |
| 7,400.0               | 7,000.0               | 7,017.4               | 7,000.0               | 27.1             | 25.0          | 90.00                 | -14.0                               | 250.0        | 656.3                  | 606.7                   | 49.63                     | 13.223            |                    |          |
| 7,500.0               | 7,000.0               | 7,017.4               | 7,000.0               | 28.2             | 25.0          | 90.00                 | -14.0                               | 250.0        | 746.8                  | 697.1                   | 49.62                     | 15.050            |                    |          |
| 7,600.0               | 7,000.0               | 7,017.4               | 7,000.0               | 29.5             | 25.0          | 90.00                 | -14.0                               | 250.0        | 840.5                  | 790.9                   | 49.61                     | 16.943            |                    |          |
| 7,700.0               | 7,000.0               | 8,462.3               | 7,790.0               | 30.9             | 33.2          | 155.79                | 124.6                               | -639.6       | 866.3                  | 834.1                   | 32.21                     | 26.896            |                    |          |
| 7,800.0               | 7,000.0               | 8,576.5               | 7,790.0               | 32.4             | 34.8          | 155.53                | 129.3                               | -753.6       | 868.1                  | 834.0                   | 34.07                     | 25.477            |                    |          |
| 7,838.6               | 7,000.0               | 8,620.6               | 7,790.0               | 33.0             | 35.5          | 155.44                | 129.9                               | -797.8       | 868.7                  | 833.9                   | 34.82                     | 24.950            |                    |          |
| 7,900.0               | 7,000.0               | 8,690.9               | 7,790.0               | 34.0             | 36.6          | 155.33                | 129.4                               | -868.0       | 869.4                  | 833.4                   | 35.99                     | 24.154            |                    |          |
| 8,000.0               | 7,000.0               | 8,800.9               | 7,790.0               | 35.8             | 38.3          | 155.35                | 125.7                               | -976.2       | 869.2                  | 831.4                   | 37.81                     | 22.991            |                    |          |
| 8,100.0               | 7,000.0               | 8,900.9               | 7,790.0               | 37.6             | 40.0          | 155.40                | 121.5                               | -1,076.1     | 868.8                  | 829.2                   | 39.60                     | 21.939            |                    |          |
| 8,200.0               | 7,000.0               | 9,000.9               | 7,790.0               | 39.4             | 41.8          | 155.46                | 117.4                               | -1,176.0     | 868.4                  | 827.0                   | 41.46                     | 20.948            |                    |          |
| 8,300.0               | 7,000.0               | 9,100.9               | 7,790.0               | 41.4             | 43.7          | 155.52                | 113.2                               | -1,275.9     | 868.1                  | 824.7                   | 43.37                     | 20.017            |                    |          |
| 8,400.0               | 7,000.0               | 9,200.9               | 7,790.0               | 43.4             | 45.6          | 155.57                | 109.1                               | -1,375.8     | 867.7                  | 822.3                   | 45.32                     | 19.146            |                    |          |
| 8,500.0               | 7,000.0               | 9,300.9               | 7,790.0               | 45.4             | 47.5          | 155.63                | 104.9                               | -1,475.7     | 867.3                  | 820.0                   | 47.31                     | 18.332            |                    |          |
| 8,600.0               | 7,000.0               | 9,400.9               | 7,790.0               | 47.5             | 49.5          | 155.69                | 100.7                               | -1,575.6     | 866.9                  | 817.6                   | 49.33                     | 17.571            |                    |          |
| 8,700.0               | 7,000.0               | 9,500.9               | 7,790.0               | 49.6             | 51.5          | 155.74                | 96.6                                | -1,675.6     | 866.5                  | 815.1                   | 51.39                     | 16.862            |                    |          |
| 8,800.0               | 7,000.0               | 9,600.9               | 7,790.0               | 51.7             | 53.6          | 155.80                | 92.4                                | -1,775.5     | 866.1                  | 812.6                   | 53.46                     | 16.200            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design David Edelstein - David Edelstein State Com #123H - Wellbore #1 - State Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD                                                                         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference                                                                                     |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)                                                                         | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 8,900.0                                                                                       | 7,000.0               | 9,700.9               | 7,790.0               | 53.9             | 55.7          | 155.86                | 88.3                                | -1,875.4     | 865.7                  | 810.2                   | 55.56                     | 15.582            |                    |          |
| 9,000.0                                                                                       | 7,000.0               | 9,800.9               | 7,790.0               | 56.0             | 57.8          | 155.92                | 84.1                                | -1,975.3     | 865.3                  | 807.7                   | 57.67                     | 15.004            |                    |          |
| 9,100.0                                                                                       | 7,000.0               | 9,900.9               | 7,790.0               | 58.3             | 60.0          | 155.97                | 80.0                                | -2,075.2     | 865.0                  | 805.1                   | 59.80                     | 14.464            |                    |          |
| 9,200.0                                                                                       | 7,000.0               | 10,000.9              | 7,790.0               | 60.5             | 62.1          | 156.03                | 75.8                                | -2,175.1     | 864.6                  | 802.6                   | 61.94                     | 13.957            |                    |          |
| 9,300.0                                                                                       | 7,000.0               | 10,100.9              | 7,790.0               | 62.7             | 64.3          | 156.09                | 71.7                                | -2,275.0     | 864.2                  | 800.1                   | 64.09                     | 13.483            |                    |          |
| 9,400.0                                                                                       | 7,000.0               | 10,200.9              | 7,790.0               | 65.0             | 66.5          | 156.14                | 67.5                                | -2,374.9     | 863.8                  | 797.5                   | 66.25                     | 13.038            |                    |          |
| 9,500.0                                                                                       | 7,000.0               | 10,300.9              | 7,790.0               | 67.2             | 68.7          | 156.20                | 63.3                                | -2,474.8     | 863.4                  | 795.0                   | 68.42                     | 12.619            |                    |          |
| 9,600.0                                                                                       | 7,000.0               | 10,400.9              | 7,790.0               | 69.5             | 71.0          | 156.26                | 59.2                                | -2,574.7     | 863.0                  | 792.4                   | 70.60                     | 12.225            |                    |          |
| 9,700.0                                                                                       | 7,000.0               | 10,500.9              | 7,790.0               | 71.8             | 73.2          | 156.32                | 55.0                                | -2,674.6     | 862.7                  | 789.9                   | 72.77                     | 11.854            |                    |          |
| 9,800.0                                                                                       | 7,000.0               | 10,600.9              | 7,790.0               | 74.1             | 75.5          | 156.37                | 50.9                                | -2,774.6     | 862.3                  | 787.3                   | 74.96                     | 11.504            |                    |          |
| 9,900.0                                                                                       | 7,000.0               | 10,701.0              | 7,790.0               | 76.4             | 77.8          | 156.43                | 46.7                                | -2,874.5     | 861.9                  | 784.8                   | 77.14                     | 11.173            |                    |          |
| 10,000.0                                                                                      | 7,000.0               | 10,801.0              | 7,790.0               | 78.7             | 80.1          | 156.49                | 42.6                                | -2,974.4     | 861.5                  | 782.2                   | 79.33                     | 10.860            |                    |          |
| 10,100.0                                                                                      | 7,000.0               | 10,901.0              | 7,790.0               | 81.1             | 82.3          | 156.55                | 38.4                                | -3,074.3     | 861.1                  | 779.6                   | 81.52                     | 10.564            |                    |          |
| 10,200.0                                                                                      | 7,000.0               | 11,001.0              | 7,790.0               | 83.4             | 84.6          | 156.60                | 34.3                                | -3,174.2     | 860.8                  | 777.1                   | 83.70                     | 10.283            |                    |          |
| 10,300.0                                                                                      | 7,000.0               | 11,101.0              | 7,790.0               | 85.7             | 87.0          | 156.66                | 30.1                                | -3,274.1     | 860.4                  | 774.5                   | 85.89                     | 10.017            |                    |          |
| 10,400.0                                                                                      | 7,000.0               | 11,201.0              | 7,790.0               | 88.1             | 89.3          | 156.72                | 25.9                                | -3,374.0     | 860.0                  | 771.9                   | 88.08                     | 9.764             |                    |          |
| 10,500.0                                                                                      | 7,000.0               | 11,301.0              | 7,790.0               | 90.4             | 91.6          | 156.78                | 21.8                                | -3,473.9     | 859.6                  | 769.4                   | 90.27                     | 9.523             |                    |          |
| 10,600.0                                                                                      | 7,000.0               | 11,401.0              | 7,790.0               | 92.8             | 93.9          | 156.84                | 17.6                                | -3,573.8     | 859.3                  | 766.8                   | 92.45                     | 9.294             |                    |          |
| 10,700.0                                                                                      | 7,000.0               | 11,501.0              | 7,790.0               | 95.2             | 96.3          | 156.89                | 13.5                                | -3,673.7     | 858.9                  | 764.3                   | 94.64                     | 9.076             |                    |          |
| 10,800.0                                                                                      | 7,000.0               | 11,601.0              | 7,790.0               | 97.5             | 98.6          | 156.95                | 9.3                                 | -3,773.6     | 858.5                  | 761.7                   | 96.82                     | 8.867             |                    |          |
| 10,900.0                                                                                      | 7,000.0               | 11,701.0              | 7,790.0               | 99.9             | 100.9         | 157.01                | 5.2                                 | -3,873.6     | 858.2                  | 759.2                   | 99.00                     | 8.668             |                    |          |
| 11,000.0                                                                                      | 7,000.0               | 11,799.0              | 7,790.0               | 102.3            | 103.2         | 157.07                | 1.0                                 | -3,973.5     | 857.8                  | 756.6                   | 101.16                    | 8.480             |                    |          |
| 11,100.0                                                                                      | 7,000.0               | 11,901.0              | 7,790.0               | 104.6            | 105.6         | 157.13                | -3.1                                | -4,073.4     | 857.4                  | 754.1                   | 103.35                    | 8.296             |                    |          |
| 11,200.0                                                                                      | 7,000.0               | 12,001.0              | 7,790.0               | 107.0            | 108.0         | 157.18                | -7.3                                | -4,173.3     | 857.1                  | 751.5                   | 105.52                    | 8.122             |                    |          |
| 11,300.0                                                                                      | 7,000.0               | 12,101.0              | 7,790.0               | 109.4            | 110.4         | 157.24                | -11.5                               | -4,273.2     | 856.7                  | 749.0                   | 107.69                    | 7.955             |                    |          |
| 11,400.0                                                                                      | 7,000.0               | 12,201.0              | 7,790.0               | 111.8            | 112.7         | 157.30                | -15.6                               | -4,373.1     | 856.3                  | 746.5                   | 109.86                    | 7.795             |                    |          |
| 11,500.0                                                                                      | 7,000.0               | 12,301.0              | 7,790.0               | 114.2            | 115.1         | 157.36                | -19.8                               | -4,473.0     | 856.0                  | 744.0                   | 112.02                    | 7.641             |                    |          |
| 11,600.0                                                                                      | 7,000.0               | 12,401.0              | 7,790.0               | 116.6            | 117.5         | 157.42                | -23.9                               | -4,572.9     | 855.6                  | 741.4                   | 114.17                    | 7.494             |                    |          |
| 11,700.0                                                                                      | 7,000.0               | 12,501.0              | 7,790.0               | 118.9            | 119.8         | 157.48                | -28.1                               | -4,672.8     | 855.2                  | 738.9                   | 116.32                    | 7.352             |                    |          |
| 11,800.0                                                                                      | 7,000.0               | 12,601.0              | 7,790.0               | 121.3            | 122.2         | 157.54                | -32.2                               | -4,772.7     | 854.9                  | 736.4                   | 118.47                    | 7.216             |                    |          |
| 11,900.0                                                                                      | 7,000.0               | 12,701.0              | 7,790.0               | 123.7            | 124.6         | 157.59                | -36.4                               | -4,872.6     | 854.5                  | 733.9                   | 120.62                    | 7.085             |                    |          |
| 12,000.0                                                                                      | 7,000.0               | 12,801.0              | 7,790.0               | 126.1            | 127.0         | 157.65                | -40.5                               | -4,972.6     | 854.2                  | 731.4                   | 122.75                    | 6.958             |                    |          |
| 12,100.0                                                                                      | 7,000.0               | 12,901.0              | 7,790.0               | 128.5            | 129.4         | 157.71                | -44.7                               | -5,072.5     | 853.8                  | 728.9                   | 124.89                    | 6.836             |                    |          |
| 12,200.0                                                                                      | 7,000.0               | 13,001.1              | 7,790.0               | 130.9            | 131.8         | 157.77                | -48.9                               | -5,172.4     | 853.4                  | 726.4                   | 127.02                    | 6.719             |                    |          |
| 12,300.0                                                                                      | 7,000.0               | 13,101.1              | 7,790.0               | 133.3            | 134.1         | 157.83                | -53.0                               | -5,272.3     | 853.1                  | 723.9                   | 129.14                    | 6.606             |                    |          |
| 12,400.0                                                                                      | 7,000.0               | 13,201.1              | 7,790.0               | 135.7            | 136.5         | 157.89                | -57.2                               | -5,372.2     | 852.7                  | 721.5                   | 131.26                    | 6.496             |                    |          |
| 12,500.0                                                                                      | 7,000.0               | 13,301.1              | 7,790.0               | 138.1            | 138.9         | 157.95                | -61.3                               | -5,472.1     | 852.4                  | 719.0                   | 133.38                    | 6.391             |                    |          |
| 12,600.0                                                                                      | 7,000.0               | 13,401.1              | 7,790.0               | 140.5            | 141.3         | 158.00                | -65.5                               | -5,572.0     | 852.0                  | 716.5                   | 135.49                    | 6.288             |                    |          |
| 12,700.0                                                                                      | 7,000.0               | 13,501.1              | 7,790.0               | 143.0            | 143.7         | 158.06                | -69.6                               | -5,671.9     | 851.7                  | 714.1                   | 137.59                    | 6.190             |                    |          |
| 12,800.0                                                                                      | 7,000.0               | 13,601.1              | 7,790.0               | 145.4            | 146.1         | 158.12                | -73.8                               | -5,771.8     | 851.3                  | 711.6                   | 139.69                    | 6.094             |                    |          |
| 12,900.0                                                                                      | 7,000.0               | 13,701.1              | 7,790.0               | 147.8            | 148.5         | 158.18                | -77.9                               | -5,871.7     | 851.0                  | 709.2                   | 141.79                    | 6.002             |                    |          |
| 13,000.0                                                                                      | 7,000.0               | 13,801.1              | 7,790.0               | 150.2            | 150.9         | 158.24                | -82.1                               | -5,971.6     | 850.6                  | 706.7                   | 143.88                    | 5.912             |                    |          |
| 13,100.0                                                                                      | 7,000.0               | 13,901.1              | 7,790.0               | 152.6            | 153.3         | 158.30                | -86.3                               | -6,071.6     | 850.3                  | 704.3                   | 145.96                    | 5.825             |                    |          |
| 13,200.0                                                                                      | 7,000.0               | 14,001.1              | 7,790.0               | 155.0            | 155.7         | 158.36                | -90.4                               | -6,171.5     | 849.9                  | 701.9                   | 148.04                    | 5.741             |                    |          |
| 13,300.0                                                                                      | 7,000.0               | 14,101.1              | 7,790.0               | 157.4            | 158.1         | 158.42                | -94.6                               | -6,271.4     | 849.6                  | 699.5                   | 150.11                    | 5.660             |                    |          |
| 13,400.0                                                                                      | 7,000.0               | 14,201.1              | 7,790.0               | 159.8            | 160.5         | 158.48                | -98.7                               | -6,371.3     | 849.2                  | 697.0                   | 152.18                    | 5.580             |                    |          |
| 13,500.0                                                                                      | 7,000.0               | 14,301.1              | 7,790.0               | 162.3            | 162.9         | 158.54                | -102.9                              | -6,471.2     | 848.9                  | 694.6                   | 154.24                    | 5.504             |                    |          |
| 13,600.0                                                                                      | 7,000.0               | 14,401.1              | 7,790.0               | 164.7            | 165.3         | 158.60                | -107.0                              | -6,571.1     | 848.5                  | 692.2                   | 156.30                    | 5.429             |                    |          |
| 13,700.0                                                                                      | 7,000.0               | 14,501.1              | 7,790.0               | 167.1            | 167.7         | 158.66                | -111.2                              | -6,671.0     | 848.2                  | 689.8                   | 158.35                    | 5.356             |                    |          |
| 13,800.0                                                                                      | 7,000.0               | 14,601.1              | 7,790.0               | 169.5            | 170.2         | 158.72                | -115.3                              | -6,770.9     | 847.8                  | 687.4                   | 160.39                    | 5.286             |                    |          |
| 13,900.0                                                                                      | 7,000.0               | 14,701.1              | 7,790.0               | 171.9            | 172.6         | 158.78                | -119.5                              | -6,870.8     | 847.5                  | 685.1                   | 162.43                    | 5.218             |                    |          |
| 14,000.0                                                                                      | 7,000.0               | 14,798.9              | 7,790.0               | 174.4            | 174.9         | 158.83                | -123.7                              | -6,970.7     | 847.2                  | 682.7                   | 164.44                    | 5.152             |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                    | Warning  |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  |          |
| 14,100.0              | 7,000.0               | 14,901.1              | 7,790.0               | 176.8            | 177.4         | 158.89                | -127.8                              | -7,070.6     | 846.8                  | 680.3                   | 166.49                    | 5.086              |          |
| 14,200.0              | 7,000.0               | 15,001.1              | 7,790.0               | 179.2            | 179.8         | 158.95                | -132.0                              | -7,170.6     | 846.5                  | 678.0                   | 168.51                    | 5.023              |          |
| 14,300.0              | 7,000.0               | 15,101.1              | 7,790.0               | 181.6            | 182.2         | 159.01                | -136.1                              | -7,270.5     | 846.1                  | 675.6                   | 170.53                    | 4.962              |          |
| 14,400.0              | 7,000.0               | 15,201.2              | 7,790.0               | 184.0            | 184.6         | 159.07                | -140.3                              | -7,370.4     | 845.8                  | 673.3                   | 172.54                    | 4.902              |          |
| 14,500.0              | 7,000.0               | 15,301.2              | 7,790.0               | 186.5            | 187.1         | 159.13                | -144.4                              | -7,470.3     | 845.5                  | 670.9                   | 174.54                    | 4.844              |          |
| 14,600.0              | 7,000.0               | 15,401.2              | 7,790.0               | 188.9            | 189.5         | 159.19                | -148.6                              | -7,570.2     | 845.1                  | 668.6                   | 176.54                    | 4.787              |          |
| 14,700.0              | 7,000.0               | 15,501.2              | 7,790.0               | 191.3            | 191.9         | 159.25                | -152.7                              | -7,670.1     | 844.8                  | 666.3                   | 178.53                    | 4.732              |          |
| 14,800.0              | 7,000.0               | 15,601.2              | 7,790.0               | 193.7            | 194.3         | 159.31                | -156.9                              | -7,770.0     | 844.5                  | 663.9                   | 180.52                    | 4.678              |          |
| 14,900.0              | 7,000.0               | 15,701.2              | 7,790.0               | 196.2            | 196.7         | 159.37                | -161.0                              | -7,869.9     | 844.1                  | 661.6                   | 182.50                    | 4.625              |          |
| 15,000.0              | 7,000.0               | 15,801.2              | 7,790.0               | 198.6            | 199.1         | 159.43                | -165.2                              | -7,969.8     | 843.8                  | 659.3                   | 184.47                    | 4.574              |          |
| 15,100.0              | 7,000.0               | 15,898.8              | 7,790.0               | 201.0            | 201.5         | 159.49                | -169.4                              | -8,069.7     | 843.5                  | 657.0                   | 186.42                    | 4.525              |          |
| 15,200.0              | 7,000.0               | 16,001.2              | 7,790.0               | 203.5            | 204.0         | 159.55                | -173.5                              | -8,169.6     | 843.1                  | 654.7                   | 188.40                    | 4.475              |          |
| 15,300.0              | 7,000.0               | 16,101.2              | 7,790.0               | 205.9            | 206.4         | 159.61                | -177.7                              | -8,269.6     | 842.8                  | 652.4                   | 190.36                    | 4.427              |          |
| 15,400.0              | 7,000.0               | 16,201.2              | 7,790.0               | 208.3            | 208.8         | 159.67                | -181.8                              | -8,369.5     | 842.5                  | 650.2                   | 192.31                    | 4.381              |          |
| 15,500.0              | 7,000.0               | 16,301.2              | 7,790.0               | 210.7            | 211.2         | 159.73                | -186.0                              | -8,469.4     | 842.1                  | 647.9                   | 194.26                    | 4.335              |          |
| 15,600.0              | 7,000.0               | 16,401.2              | 7,790.0               | 213.2            | 213.7         | 159.79                | -190.1                              | -8,569.3     | 841.8                  | 645.6                   | 196.19                    | 4.291              |          |
| 15,700.0              | 7,000.0               | 16,498.8              | 7,790.0               | 215.6            | 216.0         | 159.85                | -194.3                              | -8,669.2     | 841.5                  | 643.4                   | 198.10                    | 4.248              |          |
| 15,800.0              | 7,000.0               | 16,601.2              | 7,790.0               | 218.0            | 218.5         | 159.92                | -198.4                              | -8,769.1     | 841.2                  | 641.1                   | 200.05                    | 4.205              |          |
| 15,900.0              | 7,000.0               | 16,701.2              | 7,790.0               | 220.5            | 220.9         | 159.98                | -202.6                              | -8,869.0     | 840.8                  | 638.9                   | 201.97                    | 4.163              |          |
| 16,000.0              | 7,000.0               | 16,801.2              | 7,790.0               | 222.9            | 223.4         | 160.04                | -206.8                              | -8,968.9     | 840.5                  | 636.6                   | 203.89                    | 4.122              |          |
| 16,100.0              | 7,000.0               | 16,901.2              | 7,790.0               | 225.3            | 225.8         | 160.10                | -210.9                              | -9,068.8     | 840.2                  | 634.4                   | 205.79                    | 4.083              |          |
| 16,200.0              | 7,000.0               | 17,001.2              | 7,790.0               | 227.7            | 228.2         | 160.16                | -215.1                              | -9,168.7     | 839.9                  | 632.2                   | 207.70                    | 4.044              |          |
| 16,300.0              | 7,000.0               | 17,101.2              | 7,790.0               | 230.2            | 230.6         | 160.22                | -219.2                              | -9,268.6     | 839.5                  | 630.0                   | 209.59                    | 4.006              |          |
| 16,400.0              | 7,000.0               | 17,201.2              | 7,790.0               | 232.6            | 233.1         | 160.28                | -223.4                              | -9,368.6     | 839.2                  | 627.7                   | 211.48                    | 3.968              |          |
| 16,500.0              | 7,000.0               | 17,301.2              | 7,790.0               | 235.0            | 235.5         | 160.34                | -227.5                              | -9,468.5     | 838.9                  | 625.5                   | 213.37                    | 3.932              |          |
| 16,600.0              | 7,000.0               | 17,401.3              | 7,790.0               | 237.5            | 237.9         | 160.40                | -231.7                              | -9,568.4     | 838.6                  | 623.3                   | 215.24                    | 3.896              |          |
| 16,700.0              | 7,000.0               | 17,501.3              | 7,790.0               | 239.9            | 240.3         | 160.46                | -235.8                              | -9,668.3     | 838.3                  | 621.2                   | 217.12                    | 3.861              |          |
| 16,800.0              | 7,000.0               | 17,601.3              | 7,790.0               | 242.3            | 242.8         | 160.52                | -240.0                              | -9,768.2     | 838.0                  | 619.0                   | 218.98                    | 3.827              |          |
| 16,900.0              | 7,000.0               | 17,701.3              | 7,790.0               | 244.8            | 245.2         | 160.58                | -244.2                              | -9,868.1     | 837.6                  | 616.8                   | 220.84                    | 3.793              |          |
| 17,000.0              | 7,000.0               | 17,801.3              | 7,790.0               | 247.2            | 247.6         | 160.64                | -248.3                              | -9,968.0     | 837.3                  | 614.6                   | 222.69                    | 3.760              |          |
| 17,100.0              | 7,000.0               | 17,901.3              | 7,790.0               | 249.6            | 250.1         | 160.71                | -252.5                              | -10,067.9    | 837.0                  | 612.5                   | 224.54                    | 3.728              |          |
| 17,200.0              | 7,000.0               | 18,001.3              | 7,790.0               | 252.1            | 252.5         | 160.77                | -256.6                              | -10,167.8    | 836.7                  | 610.3                   | 226.38                    | 3.696              |          |
| 17,288.0              | 7,000.0               | 18,086.7              | 7,790.0               | 254.2            | 254.6         | 160.82                | -260.3                              | -10,255.7    | 836.4                  | 608.5                   | 227.97                    | 3.669              |          |
| 17,292.9              | 7,000.0               | 18,080.6              | 7,790.0               | 254.3            | 254.4         | 160.82                | -260.0                              | -10,249.6    | 836.5                  | 608.5                   | 227.97                    | 3.669              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 0.0                   | 0.0                   | 0.0                   | 0.0                   | 0.0              | 0.0           | -135.00               | -30.0                               | -30.0        | 42.4                   |                         |                           |                   |                    |          |
| 100.0                 | 100.0                 | 100.0                 | 100.0                 | 0.1              | 0.1           | -135.00               | -30.0                               | -30.0        | 42.4                   | 42.2                    | 0.26                      | 165.544           |                    |          |
| 200.0                 | 200.0                 | 200.0                 | 200.0                 | 0.5              | 0.5           | -135.00               | -30.0                               | -30.0        | 42.4                   | 41.5                    | 0.97                      | 43.596            |                    |          |
| 300.0                 | 300.0                 | 300.0                 | 300.0                 | 0.8              | 0.8           | -135.00               | -30.0                               | -30.0        | 42.4                   | 40.7                    | 1.69                      | 25.104            |                    |          |
| 400.0                 | 400.0                 | 400.0                 | 400.0                 | 1.2              | 1.2           | -135.00               | -30.0                               | -30.0        | 42.4                   | 40.0                    | 2.41                      | 17.627            |                    |          |
| 500.0                 | 500.0                 | 500.0                 | 500.0                 | 1.6              | 1.6           | -135.00               | -30.0                               | -30.0        | 42.4                   | 39.3                    | 3.12                      | 13.582 CC         |                    |          |
| 600.0                 | 600.0                 | 599.6                 | 599.6                 | 1.9              | 1.9           | -136.01               | -30.8                               | -29.8        | 42.9                   | 39.0                    | 3.82                      | 11.210 ES         |                    |          |
| 700.0                 | 700.0                 | 699.2                 | 699.2                 | 2.3              | 2.2           | -138.92               | -33.3                               | -29.1        | 44.2                   | 39.7                    | 4.51                      | 9.798             |                    |          |
| 800.0                 | 800.0                 | 798.6                 | 798.5                 | 2.6              | 2.6           | -143.35               | -37.5                               | -27.9        | 46.8                   | 41.5                    | 5.21                      | 8.968             |                    |          |
| 900.0                 | 900.0                 | 897.9                 | 897.6                 | 3.0              | 2.9           | -148.77               | -43.3                               | -26.3        | 50.7                   | 44.8                    | 5.92                      | 8.568             |                    |          |
| 1,000.0               | 1,000.0               | 996.9                 | 996.3                 | 3.4              | 3.3           | -154.54               | -50.7                               | -24.2        | 56.3                   | 49.7                    | 6.62                      | 8.504             |                    |          |
| 1,100.0               | 1,100.0               | 1,095.8               | 1,094.7               | 3.7              | 3.6           | 57.31                 | -59.8                               | -21.6        | 63.3                   | 56.0                    | 7.31                      | 8.661             |                    |          |
| 1,200.0               | 1,200.0               | 1,194.4               | 1,192.7               | 4.0              | 4.0           | 53.70                 | -70.5                               | -18.6        | 71.1                   | 63.1                    | 7.99                      | 8.904             |                    |          |
| 1,300.0               | 1,299.9               | 1,292.9               | 1,290.4               | 4.4              | 4.4           | 51.16                 | -82.7                               | -15.1        | 79.5                   | 70.9                    | 8.67                      | 9.175             |                    |          |
| 1,400.0               | 1,399.7               | 1,391.2               | 1,387.6               | 4.7              | 4.8           | 49.42                 | -96.6                               | -11.2        | 88.5                   | 79.1                    | 9.36                      | 9.454             |                    |          |
| 1,500.0               | 1,499.4               | 1,489.3               | 1,484.4               | 5.1              | 5.2           | 48.29                 | -112.0                              | -6.9         | 97.8                   | 87.7                    | 10.05                     | 9.732             |                    |          |
| 1,600.0               | 1,598.9               | 1,588.6               | 1,582.2               | 5.4              | 5.6           | 47.76                 | -128.7                              | -2.2         | 107.0                  | 96.2                    | 10.76                     | 9.941             |                    |          |
| 1,700.0               | 1,698.3               | 1,688.3               | 1,680.4               | 5.8              | 6.0           | 47.94                 | -145.5                              | 2.5          | 115.1                  | 103.6                   | 11.49                     | 10.010            |                    |          |
| 1,800.0               | 1,797.4               | 1,788.1               | 1,778.6               | 6.1              | 6.4           | 48.72                 | -162.2                              | 7.3          | 122.0                  | 109.7                   | 12.24                     | 9.965             |                    |          |
| 1,900.0               | 1,896.4               | 1,887.8               | 1,876.8               | 6.5              | 6.9           | 49.75                 | -179.0                              | 12.0         | 128.3                  | 115.3                   | 13.00                     | 9.875             |                    |          |
| 2,000.0               | 1,995.5               | 1,987.6               | 1,975.0               | 6.9              | 7.3           | 50.68                 | -195.8                              | 16.7         | 134.7                  | 121.0                   | 13.76                     | 9.792             |                    |          |
| 2,100.0               | 2,094.5               | 2,087.4               | 2,073.3               | 7.3              | 7.7           | 51.53                 | -212.6                              | 21.5         | 141.2                  | 126.6                   | 14.53                     | 9.715             |                    |          |
| 2,200.0               | 2,193.5               | 2,187.2               | 2,171.5               | 7.7              | 8.2           | 52.31                 | -229.4                              | 26.2         | 147.6                  | 132.3                   | 15.31                     | 9.644             |                    |          |
| 2,300.0               | 2,292.5               | 2,286.9               | 2,269.7               | 8.1              | 8.6           | 53.02                 | -246.2                              | 30.9         | 154.1                  | 138.0                   | 16.09                     | 9.578             |                    |          |
| 2,400.0               | 2,391.6               | 2,386.7               | 2,368.0               | 8.5              | 9.1           | 53.67                 | -263.0                              | 35.7         | 160.6                  | 143.8                   | 16.88                     | 9.517             |                    |          |
| 2,500.0               | 2,490.6               | 2,486.5               | 2,466.2               | 8.9              | 9.5           | 54.28                 | -279.8                              | 40.4         | 167.2                  | 149.5                   | 17.67                     | 9.461             |                    |          |
| 2,600.0               | 2,589.6               | 2,586.2               | 2,564.4               | 9.3              | 10.0          | 54.83                 | -296.5                              | 45.1         | 173.7                  | 155.2                   | 18.46                     | 9.408             |                    |          |
| 2,700.0               | 2,688.6               | 2,686.0               | 2,662.7               | 9.7              | 10.4          | 55.35                 | -313.3                              | 49.9         | 180.3                  | 161.0                   | 19.26                     | 9.359             |                    |          |
| 2,800.0               | 2,787.7               | 2,785.8               | 2,760.9               | 10.1             | 10.9          | 55.83                 | -330.1                              | 54.6         | 186.8                  | 166.8                   | 20.06                     | 9.313             |                    |          |
| 2,900.0               | 2,886.7               | 2,885.6               | 2,859.2               | 10.5             | 11.3          | 56.28                 | -346.9                              | 59.3         | 193.4                  | 172.6                   | 20.87                     | 9.270             |                    |          |
| 3,000.0               | 2,985.7               | 2,985.3               | 2,957.4               | 10.9             | 11.8          | 56.69                 | -363.7                              | 64.1         | 200.0                  | 178.4                   | 21.67                     | 9.229             |                    |          |
| 3,100.0               | 3,084.8               | 3,085.1               | 3,055.6               | 11.3             | 12.2          | 57.08                 | -380.5                              | 68.8         | 206.6                  | 184.2                   | 22.48                     | 9.191             |                    |          |
| 3,200.0               | 3,183.8               | 3,184.9               | 3,153.9               | 11.7             | 12.7          | 57.45                 | -397.3                              | 73.5         | 213.3                  | 190.0                   | 23.29                     | 9.156             |                    |          |
| 3,300.0               | 3,282.8               | 3,284.6               | 3,252.1               | 12.1             | 13.1          | 57.80                 | -414.1                              | 78.3         | 219.9                  | 195.8                   | 24.11                     | 9.122             |                    |          |
| 3,400.0               | 3,381.8               | 3,384.4               | 3,350.3               | 12.6             | 13.6          | 58.12                 | -430.8                              | 83.0         | 226.5                  | 201.6                   | 24.92                     | 9.090             |                    |          |
| 3,500.0               | 3,480.9               | 3,484.2               | 3,448.6               | 13.0             | 14.0          | 58.43                 | -447.6                              | 87.7         | 233.2                  | 207.4                   | 25.73                     | 9.060             |                    |          |
| 3,600.0               | 3,579.9               | 3,584.0               | 3,546.8               | 13.4             | 14.5          | 58.72                 | -464.4                              | 92.4         | 239.8                  | 213.3                   | 26.55                     | 9.032             |                    |          |
| 3,700.0               | 3,678.9               | 3,683.7               | 3,645.0               | 13.8             | 14.9          | 58.99                 | -481.2                              | 97.2         | 246.5                  | 219.1                   | 27.37                     | 9.005             |                    |          |
| 3,800.0               | 3,777.9               | 3,783.5               | 3,743.3               | 14.2             | 15.4          | 59.25                 | -498.0                              | 101.9        | 253.1                  | 224.9                   | 28.19                     | 8.980             |                    |          |
| 3,900.0               | 3,877.0               | 3,883.3               | 3,841.5               | 14.6             | 15.8          | 59.49                 | -514.8                              | 106.6        | 259.8                  | 230.8                   | 29.01                     | 8.955             |                    |          |
| 4,000.0               | 3,976.0               | 3,983.0               | 3,939.7               | 15.1             | 16.3          | 59.73                 | -531.6                              | 111.4        | 266.4                  | 236.6                   | 29.83                     | 8.932             |                    |          |
| 4,100.0               | 4,075.0               | 4,082.8               | 4,038.0               | 15.5             | 16.7          | 59.95                 | -548.3                              | 116.1        | 273.1                  | 242.5                   | 30.65                     | 8.911             |                    |          |
| 4,140.4               | 4,115.0               | 4,123.1               | 4,077.7               | 15.6             | 16.9          | 60.04                 | -555.1                              | 118.0        | 275.8                  | 244.8                   | 30.98                     | 8.902             |                    |          |
| 4,200.0               | 4,174.1               | 4,182.6               | 4,136.2               | 15.9             | 17.2          | 60.13                 | -565.1                              | 120.8        | 280.0                  | 248.6                   | 31.47                     | 8.899             |                    |          |
| 4,300.0               | 4,273.5               | 4,282.2               | 4,234.3               | 16.3             | 17.6          | 59.95                 | -581.9                              | 125.6        | 288.1                  | 255.9                   | 32.25                     | 8.935             |                    |          |
| 4,400.0               | 4,373.1               | 4,381.7               | 4,332.3               | 16.7             | 18.1          | 59.35                 | -598.6                              | 130.3        | 297.6                  | 264.6                   | 32.99                     | 9.020             |                    |          |
| 4,500.0               | 4,473.0               | 4,481.0               | 4,430.0               | 17.0             | 18.5          | 58.41                 | -615.3                              | 135.0        | 308.4                  | 274.7                   | 33.69                     | 9.154             |                    |          |
| 4,600.0               | 4,572.9               | 4,579.9               | 4,527.4               | 17.4             | 19.0          | 57.16                 | -632.0                              | 139.7        | 320.8                  | 286.4                   | 34.36                     | 9.336             |                    |          |
| 4,673.7               | 4,646.6               | 4,652.6               | 4,599.0               | 17.6             | 19.3          | -160.76               | -644.2                              | 143.1        | 330.9                  | 296.1                   | 34.82                     | 9.503             |                    |          |
| 4,700.0               | 4,672.9               | 4,678.5               | 4,624.5               | 17.7             | 19.4          | -161.21               | -648.6                              | 144.4        | 334.7                  | 299.7                   | 34.98                     | 9.568             |                    |          |
| 4,800.0               | 4,772.9               | 4,776.9               | 4,721.4               | 18.0             | 19.9          | -162.83               | -665.1                              | 149.0        | 349.3                  | 313.7                   | 35.60                     | 9.813             |                    |          |
| 4,900.0               | 4,872.9               | 4,875.4               | 4,818.3               | 18.3             | 20.3          | -164.32               | -681.7                              | 153.7        | 364.2                  | 328.0                   | 36.22                     | 10.055            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,000.0               | 4,972.9               | 4,973.8               | 4,915.3               | 18.6             | 20.8          | -165.69               | -698.3                              | 158.4        | 379.3                  | 342.4                   | 36.85                     | 10.293            |                    |          |
| 5,100.0               | 5,072.9               | 5,072.3               | 5,012.2               | 19.0             | 21.2          | -166.95               | -714.8                              | 163.0        | 394.5                  | 357.1                   | 37.48                     | 10.526            |                    |          |
| 5,200.0               | 5,172.9               | 5,170.8               | 5,109.2               | 19.3             | 21.7          | -168.13               | -731.4                              | 167.7        | 410.0                  | 371.9                   | 38.12                     | 10.755            |                    |          |
| 5,300.0               | 5,272.9               | 5,269.2               | 5,206.1               | 19.6             | 22.1          | -169.21               | -748.0                              | 172.4        | 425.6                  | 386.9                   | 38.77                     | 10.978            |                    |          |
| 5,400.0               | 5,372.9               | 5,367.7               | 5,303.1               | 19.9             | 22.6          | -170.23               | -764.5                              | 177.0        | 441.4                  | 402.0                   | 39.42                     | 11.196            |                    |          |
| 5,500.0               | 5,472.9               | 5,466.1               | 5,400.0               | 20.2             | 23.0          | -171.17               | -781.1                              | 181.7        | 457.3                  | 417.2                   | 40.08                     | 11.409            |                    |          |
| 5,600.0               | 5,572.9               | 5,564.6               | 5,497.0               | 20.6             | 23.5          | -172.04               | -797.7                              | 186.4        | 473.3                  | 432.5                   | 40.74                     | 11.617            |                    |          |
| 5,700.0               | 5,672.9               | 5,663.1               | 5,593.9               | 20.9             | 23.9          | -172.87               | -814.2                              | 191.1        | 489.3                  | 447.9                   | 41.40                     | 11.819            |                    |          |
| 5,800.0               | 5,772.9               | 5,761.5               | 5,690.8               | 21.2             | 24.4          | -173.63               | -830.8                              | 195.7        | 505.5                  | 463.5                   | 42.07                     | 12.016            |                    |          |
| 5,900.0               | 5,872.9               | 5,860.0               | 5,787.8               | 21.5             | 24.8          | -174.35               | -847.4                              | 200.4        | 521.8                  | 479.1                   | 42.75                     | 12.207            |                    |          |
| 6,000.0               | 5,972.9               | 5,958.4               | 5,884.7               | 21.9             | 25.3          | -175.03               | -863.9                              | 205.1        | 538.2                  | 494.7                   | 43.42                     | 12.394            |                    |          |
| 6,100.0               | 6,072.9               | 6,056.9               | 5,981.7               | 22.2             | 25.7          | -175.67               | -880.5                              | 209.7        | 554.6                  | 510.5                   | 44.10                     | 12.576            |                    |          |
| 6,200.0               | 6,172.9               | 6,155.4               | 6,078.6               | 22.5             | 26.2          | -176.27               | -897.1                              | 214.4        | 571.0                  | 526.3                   | 44.78                     | 12.752            |                    |          |
| 6,300.0               | 6,272.9               | 6,253.8               | 6,175.6               | 22.8             | 26.6          | -176.84               | -913.6                              | 219.1        | 587.6                  | 542.1                   | 45.46                     | 12.924            |                    |          |
| 6,400.0               | 6,372.9               | 6,352.3               | 6,272.5               | 23.2             | 27.1          | -177.37               | -930.2                              | 223.7        | 604.2                  | 558.0                   | 46.15                     | 13.092            |                    |          |
| 6,454.1               | 6,427.0               | 6,405.6               | 6,325.0               | 23.4             | 27.3          | -177.65               | -939.2                              | 226.3        | 613.2                  | 566.7                   | 46.52                     | 13.181            |                    |          |
| 6,500.0               | 6,472.8               | 6,450.6               | 6,369.3               | 23.5             | 27.5          | -95.11                | -946.7                              | 228.4        | 621.0                  | 574.2                   | 46.82                     | 13.263            |                    |          |
| 6,550.0               | 6,522.4               | 6,501.0               | 6,416.9               | 23.6             | 27.7          | -95.00                | -954.9                              | 230.7        | 630.0                  | 582.8                   | 47.12                     | 13.369            |                    |          |
| 6,600.0               | 6,571.3               | 6,546.4               | 6,463.6               | 23.8             | 28.0          | -95.16                | -962.9                              | 232.9        | 639.5                  | 592.1                   | 47.38                     | 13.498            |                    |          |
| 6,650.0               | 6,619.1               | 6,592.4               | 6,508.9               | 23.9             | 28.2          | -95.54                | -970.6                              | 235.1        | 649.7                  | 602.1                   | 47.61                     | 13.646            |                    |          |
| 6,700.0               | 6,665.4               | 6,637.3               | 6,553.2               | 24.0             | 28.4          | -96.07                | -978.2                              | 237.3        | 660.9                  | 613.1                   | 47.84                     | 13.816            |                    |          |
| 6,750.0               | 6,709.9               | 6,688.4               | 6,603.6               | 24.1             | 28.6          | -97.05                | -986.4                              | 239.6        | 673.0                  | 624.8                   | 48.11                     | 13.987            |                    |          |
| 6,800.0               | 6,752.3               | 6,737.2               | 6,651.7               | 24.2             | 28.8          | -98.07                | -993.6                              | 241.6        | 685.9                  | 637.6                   | 48.38                     | 14.179            |                    |          |
| 6,850.0               | 6,792.1               | 6,783.3               | 6,697.3               | 24.3             | 29.0          | -99.04                | -999.9                              | 243.4        | 700.2                  | 651.5                   | 48.64                     | 14.396            |                    |          |
| 6,900.0               | 6,829.2               | 6,826.2               | 6,739.9               | 24.4             | 29.2          | -99.87                | -1,005.3                            | 244.9        | 716.0                  | 667.1                   | 48.91                     | 14.640            |                    |          |
| 6,950.0               | 6,863.3               | 6,865.8               | 6,779.2               | 24.5             | 29.3          | -100.44               | -1,009.9                            | 246.2        | 733.7                  | 684.5                   | 49.19                     | 14.916            |                    |          |
| 7,000.0               | 6,894.0               | 6,901.5               | 6,814.7               | 24.6             | 29.5          | -100.65               | -1,013.7                            | 247.3        | 753.5                  | 704.0                   | 49.49                     | 15.224            |                    |          |
| 7,050.0               | 6,921.1               | 6,933.1               | 6,846.2               | 24.7             | 29.6          | -100.42               | -1,016.7                            | 248.1        | 775.5                  | 725.7                   | 49.82                     | 15.567            |                    |          |
| 7,100.0               | 6,944.5               | 6,960.3               | 6,873.3               | 24.9             | 29.7          | -99.64                | -1,019.2                            | 248.8        | 799.9                  | 749.7                   | 50.16                     | 15.946            |                    |          |
| 7,150.0               | 6,964.0               | 6,982.9               | 6,895.7               | 25.1             | 29.8          | -98.22                | -1,021.1                            | 249.4        | 826.6                  | 776.0                   | 50.52                     | 16.360            |                    |          |
| 7,200.0               | 6,979.4               | 7,000.4               | 6,913.2               | 25.4             | 29.9          | -96.08                | -1,022.5                            | 249.7        | 855.5                  | 804.6                   | 50.89                     | 16.810            |                    |          |
| 7,250.0               | 6,990.5               | 7,012.7               | 6,925.4               | 25.8             | 29.9          | -93.16                | -1,023.4                            | 250.0        | 886.4                  | 835.1                   | 51.26                     | 17.293            |                    |          |
| 7,300.0               | 6,997.4               | 7,019.7               | 6,932.4               | 26.2             | 29.9          | -89.41                | -1,023.9                            | 250.1        | 919.1                  | 867.5                   | 51.61                     | 17.807            |                    |          |
| 7,354.1               | 7,000.0               | 7,020.9               | 6,933.6               | 26.7             | 29.9          | -84.45                | -1,024.0                            | 250.2        | 956.1                  | 904.1                   | 51.98                     | 18.395            |                    |          |
| 7,400.0               | 7,000.0               | 7,019.1               | 6,931.8               | 27.1             | 29.9          | -84.39                | -1,023.8                            | 250.1        | 988.4                  | 936.1                   | 52.27                     | 18.908            |                    |          |
| 7,500.0               | 7,000.0               | 7,015.4               | 6,928.2               | 28.2             | 29.9          | -84.30                | -1,023.6                            | 250.1        | 1,060.5                | 1,007.6                 | 52.92                     | 20.038            |                    |          |
| 7,600.0               | 7,000.0               | 7,012.0               | 6,924.7               | 29.5             | 29.9          | -84.25                | -1,023.3                            | 250.0        | 1,134.6                | 1,081.1                 | 53.55                     | 21.186            |                    |          |
| 7,700.0               | 7,000.0               | 7,008.9               | 6,921.6               | 30.9             | 29.9          | -84.25                | -1,023.1                            | 249.9        | 1,210.3                | 1,156.1                 | 54.16                     | 22.347            |                    |          |
| 7,800.0               | 7,000.0               | 8,618.6               | 7,790.0               | 32.4             | 36.5          | -129.61               | -1,184.4                            | -721.5       | 1,239.2                | 1,189.5                 | 49.72                     | 24.922            |                    |          |
| 7,838.6               | 7,000.0               | 8,657.2               | 7,790.0               | 33.0             | 37.0          | -129.59               | -1,186.0                            | -760.1       | 1,239.7                | 1,189.0                 | 50.69                     | 24.455            |                    |          |
| 7,900.0               | 7,000.0               | 8,718.6               | 7,790.0               | 34.0             | 37.8          | -129.57               | -1,188.5                            | -821.4       | 1,240.1                | 1,187.9                 | 52.26                     | 23.728            |                    |          |
| 8,000.0               | 7,000.0               | 8,818.6               | 7,790.0               | 35.8             | 39.2          | -129.54               | -1,192.7                            | -921.3       | 1,240.9                | 1,185.9                 | 54.96                     | 22.577            |                    |          |
| 8,100.0               | 7,000.0               | 8,918.6               | 7,790.0               | 37.6             | 40.8          | -129.52               | -1,196.8                            | -1,021.2     | 1,241.6                | 1,183.8                 | 57.80                     | 21.480            |                    |          |
| 8,200.0               | 7,000.0               | 9,018.6               | 7,790.0               | 39.4             | 42.4          | -129.49               | -1,201.0                            | -1,121.1     | 1,242.3                | 1,181.6                 | 60.76                     | 20.445            |                    |          |
| 8,300.0               | 7,000.0               | 9,118.6               | 7,790.0               | 41.4             | 44.1          | -129.46               | -1,205.1                            | -1,221.0     | 1,243.1                | 1,179.2                 | 63.83                     | 19.474            |                    |          |
| 8,400.0               | 7,000.0               | 9,218.6               | 7,790.0               | 43.4             | 45.9          | -129.43               | -1,209.3                            | -1,321.0     | 1,243.8                | 1,176.8                 | 66.99                     | 18.567            |                    |          |
| 8,500.0               | 7,000.0               | 9,318.6               | 7,790.0               | 45.4             | 47.8          | -129.40               | -1,213.5                            | -1,420.9     | 1,244.5                | 1,174.3                 | 70.23                     | 17.721            |                    |          |
| 8,600.0               | 7,000.0               | 9,418.6               | 7,790.0               | 47.5             | 49.7          | -129.38               | -1,217.6                            | -1,520.8     | 1,245.3                | 1,171.7                 | 73.54                     | 16.933            |                    |          |
| 8,700.0               | 7,000.0               | 9,518.6               | 7,790.0               | 49.6             | 51.6          | -129.35               | -1,221.8                            | -1,620.7     | 1,246.0                | 1,169.1                 | 76.91                     | 16.201            |                    |          |
| 8,800.0               | 7,000.0               | 9,618.6               | 7,790.0               | 51.7             | 53.6          | -129.32               | -1,225.9                            | -1,720.6     | 1,246.7                | 1,166.4                 | 80.33                     | 15.519            |                    |          |
| 8,900.0               | 7,000.0               | 9,718.6               | 7,790.0               | 53.9             | 55.7          | -129.29               | -1,230.1                            | -1,820.5     | 1,247.5                | 1,163.7                 | 83.81                     | 14.885            |                    |          |
| 9,000.0               | 7,000.0               | 9,818.6               | 7,790.0               | 56.0             | 57.7          | -129.27               | -1,234.3                            | -1,920.4     | 1,248.2                | 1,160.9                 | 87.32                     | 14.295            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference             |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 9,100.0               | 7,000.0               | 9,918.6               | 7,790.0               | 58.3             | 59.8          | -129.24               | -1,238.4                            | -2,020.3     | 1,248.9                | 1,158.1                 | 90.87                     | 13.744            |                    |          |
| 9,200.0               | 7,000.0               | 10,018.6              | 7,790.0               | 60.5             | 61.9          | -129.21               | -1,242.6                            | -2,120.2     | 1,249.7                | 1,155.2                 | 94.46                     | 13.230            |                    |          |
| 9,300.0               | 7,000.0               | 10,118.6              | 7,790.0               | 62.7             | 64.1          | -129.18               | -1,246.7                            | -2,220.1     | 1,250.4                | 1,152.3                 | 98.07                     | 12.750            |                    |          |
| 9,400.0               | 7,000.0               | 10,218.6              | 7,790.0               | 65.0             | 66.2          | -129.16               | -1,250.9                            | -2,320.0     | 1,251.1                | 1,149.4                 | 101.72                    | 12.300            |                    |          |
| 9,500.0               | 7,000.0               | 10,318.6              | 7,790.0               | 67.2             | 68.4          | -129.13               | -1,255.1                            | -2,420.0     | 1,251.9                | 1,146.5                 | 105.38                    | 11.879            |                    |          |
| 9,600.0               | 7,000.0               | 10,418.5              | 7,790.0               | 69.5             | 70.6          | -129.10               | -1,259.2                            | -2,519.9     | 1,252.6                | 1,143.5                 | 109.07                    | 11.484            |                    |          |
| 9,700.0               | 7,000.0               | 10,518.5              | 7,790.0               | 71.8             | 72.8          | -129.07               | -1,263.4                            | -2,619.8     | 1,253.3                | 1,140.6                 | 112.79                    | 11.113            |                    |          |
| 9,800.0               | 7,000.0               | 10,618.5              | 7,790.0               | 74.1             | 75.1          | -129.05               | -1,267.5                            | -2,719.7     | 1,254.1                | 1,137.6                 | 116.52                    | 10.763            |                    |          |
| 9,900.0               | 7,000.0               | 10,718.5              | 7,790.0               | 76.4             | 77.3          | -129.02               | -1,271.7                            | -2,819.6     | 1,254.8                | 1,134.6                 | 120.26                    | 10.434            |                    |          |
| 10,000.0              | 7,000.0               | 10,818.5              | 7,790.0               | 78.7             | 79.5          | -128.99               | -1,275.9                            | -2,919.5     | 1,255.6                | 1,131.5                 | 124.03                    | 10.123            |                    |          |
| 10,100.0              | 7,000.0               | 10,918.5              | 7,790.0               | 81.1             | 81.8          | -128.97               | -1,280.0                            | -3,019.4     | 1,256.3                | 1,128.5                 | 127.80                    | 9.830             |                    |          |
| 10,200.0              | 7,000.0               | 11,018.5              | 7,790.0               | 83.4             | 84.1          | -128.94               | -1,284.2                            | -3,119.3     | 1,257.0                | 1,125.4                 | 131.60                    | 9.552             |                    |          |
| 10,300.0              | 7,000.0               | 11,118.5              | 7,790.0               | 85.7             | 86.4          | -128.91               | -1,288.3                            | -3,219.2     | 1,257.8                | 1,122.4                 | 135.40                    | 9.289             |                    |          |
| 10,400.0              | 7,000.0               | 11,218.5              | 7,790.0               | 88.1             | 88.7          | -128.88               | -1,292.5                            | -3,319.1     | 1,258.5                | 1,119.3                 | 139.22                    | 9.040             |                    |          |
| 10,500.0              | 7,000.0               | 11,318.5              | 7,790.0               | 90.4             | 91.0          | -128.86               | -1,296.7                            | -3,419.0     | 1,259.3                | 1,116.2                 | 143.05                    | 8.803             |                    |          |
| 10,600.0              | 7,000.0               | 11,418.5              | 7,790.0               | 92.8             | 93.3          | -128.83               | -1,300.8                            | -3,519.0     | 1,260.0                | 1,113.1                 | 146.88                    | 8.578             |                    |          |
| 10,700.0              | 7,000.0               | 11,518.5              | 7,790.0               | 95.2             | 95.6          | -128.80               | -1,305.0                            | -3,618.9     | 1,260.7                | 1,110.0                 | 150.73                    | 8.364             |                    |          |
| 10,800.0              | 7,000.0               | 11,618.5              | 7,790.0               | 97.5             | 97.9          | -128.78               | -1,309.1                            | -3,718.8     | 1,261.5                | 1,106.9                 | 154.59                    | 8.160             |                    |          |
| 10,900.0              | 7,000.0               | 11,718.5              | 7,790.0               | 99.9             | 100.2         | -128.75               | -1,313.3                            | -3,818.7     | 1,262.2                | 1,103.8                 | 158.46                    | 7.966             |                    |          |
| 11,000.0              | 7,000.0               | 11,818.5              | 7,790.0               | 102.3            | 102.6         | -128.72               | -1,317.5                            | -3,918.6     | 1,263.0                | 1,100.6                 | 162.33                    | 7.780             |                    |          |
| 11,100.0              | 7,000.0               | 11,918.5              | 7,790.0               | 104.6            | 104.9         | -128.69               | -1,321.6                            | -4,018.5     | 1,263.7                | 1,097.5                 | 166.21                    | 7.603             |                    |          |
| 11,200.0              | 7,000.0               | 12,018.5              | 7,790.0               | 107.0            | 107.2         | -128.67               | -1,325.8                            | -4,118.4     | 1,264.4                | 1,094.3                 | 170.10                    | 7.433             |                    |          |
| 11,300.0              | 7,000.0               | 12,118.5              | 7,790.0               | 109.4            | 109.6         | -128.64               | -1,329.9                            | -4,218.3     | 1,265.2                | 1,091.2                 | 174.00                    | 7.271             |                    |          |
| 11,400.0              | 7,000.0               | 12,218.5              | 7,790.0               | 111.8            | 111.9         | -128.61               | -1,334.1                            | -4,318.2     | 1,265.9                | 1,088.0                 | 177.91                    | 7.116             |                    |          |
| 11,500.0              | 7,000.0               | 12,318.5              | 7,790.0               | 114.2            | 114.3         | -128.59               | -1,338.2                            | -4,418.1     | 1,266.7                | 1,084.8                 | 181.82                    | 6.967             |                    |          |
| 11,600.0              | 7,000.0               | 12,418.5              | 7,790.0               | 116.6            | 116.6         | -128.56               | -1,342.4                            | -4,518.0     | 1,267.4                | 1,081.7                 | 185.74                    | 6.824             |                    |          |
| 11,700.0              | 7,000.0               | 12,518.5              | 7,790.0               | 118.9            | 119.0         | -128.53               | -1,346.6                            | -4,618.0     | 1,268.1                | 1,078.5                 | 189.66                    | 6.686             |                    |          |
| 11,800.0              | 7,000.0               | 12,618.4              | 7,790.0               | 121.3            | 121.4         | -128.51               | -1,350.7                            | -4,717.9     | 1,268.9                | 1,075.3                 | 193.59                    | 6.554             |                    |          |
| 11,900.0              | 7,000.0               | 12,718.4              | 7,790.0               | 123.7            | 123.7         | -128.48               | -1,354.9                            | -4,817.8     | 1,269.6                | 1,072.1                 | 197.53                    | 6.428             |                    |          |
| 12,000.0              | 7,000.0               | 12,818.4              | 7,790.0               | 126.1            | 126.1         | -128.45               | -1,359.0                            | -4,917.7     | 1,270.4                | 1,068.9                 | 201.47                    | 6.306             |                    |          |
| 12,100.0              | 7,000.0               | 12,918.4              | 7,790.0               | 128.5            | 128.5         | -128.43               | -1,363.2                            | -5,017.6     | 1,271.1                | 1,065.7                 | 205.41                    | 6.188             |                    |          |
| 12,200.0              | 7,000.0               | 13,018.4              | 7,790.0               | 130.9            | 130.9         | -128.40               | -1,367.4                            | -5,117.5     | 1,271.9                | 1,062.5                 | 209.36                    | 6.075             |                    |          |
| 12,300.0              | 7,000.0               | 13,118.4              | 7,790.0               | 133.3            | 133.2         | -128.37               | -1,371.5                            | -5,217.4     | 1,272.6                | 1,059.3                 | 213.32                    | 5.966             |                    |          |
| 12,400.0              | 7,000.0               | 13,218.4              | 7,790.0               | 135.7            | 135.6         | -128.35               | -1,375.7                            | -5,317.3     | 1,273.3                | 1,056.1                 | 217.28                    | 5.860             |                    |          |
| 12,500.0              | 7,000.0               | 13,318.4              | 7,790.0               | 138.1            | 138.0         | -128.32               | -1,379.8                            | -5,417.2     | 1,274.1                | 1,052.8                 | 221.25                    | 5.759             |                    |          |
| 12,600.0              | 7,000.0               | 13,418.4              | 7,790.0               | 140.5            | 140.4         | -128.29               | -1,384.0                            | -5,517.1     | 1,274.8                | 1,049.6                 | 225.22                    | 5.660             |                    |          |
| 12,700.0              | 7,000.0               | 13,518.4              | 7,790.0               | 143.0            | 142.8         | -128.27               | -1,388.2                            | -5,617.0     | 1,275.6                | 1,046.4                 | 229.19                    | 5.566             |                    |          |
| 12,800.0              | 7,000.0               | 13,618.4              | 7,790.0               | 145.4            | 145.2         | -128.24               | -1,392.3                            | -5,716.9     | 1,276.3                | 1,043.2                 | 233.17                    | 5.474             |                    |          |
| 12,900.0              | 7,000.0               | 13,718.4              | 7,790.0               | 147.8            | 147.6         | -128.22               | -1,396.5                            | -5,816.9     | 1,277.1                | 1,039.9                 | 237.15                    | 5.385             |                    |          |
| 13,000.0              | 7,000.0               | 13,818.4              | 7,790.0               | 150.2            | 149.9         | -128.19               | -1,400.6                            | -5,916.8     | 1,277.8                | 1,036.7                 | 241.14                    | 5.299             |                    |          |
| 13,100.0              | 7,000.0               | 13,918.4              | 7,790.0               | 152.6            | 152.3         | -128.16               | -1,404.8                            | -6,016.7     | 1,278.6                | 1,033.4                 | 245.13                    | 5.216             |                    |          |
| 13,200.0              | 7,000.0               | 14,018.4              | 7,790.0               | 155.0            | 154.7         | -128.14               | -1,409.0                            | -6,116.6     | 1,279.3                | 1,030.2                 | 249.13                    | 5.135             |                    |          |
| 13,300.0              | 7,000.0               | 14,118.4              | 7,790.0               | 157.4            | 157.1         | -128.11               | -1,413.1                            | -6,216.5     | 1,280.1                | 1,026.9                 | 253.12                    | 5.057             |                    |          |
| 13,400.0              | 7,000.0               | 14,218.4              | 7,790.0               | 159.8            | 159.5         | -128.08               | -1,417.3                            | -6,316.4     | 1,280.8                | 1,023.7                 | 257.13                    | 4.981             |                    |          |
| 13,500.0              | 7,000.0               | 14,318.4              | 7,790.0               | 162.3            | 161.9         | -128.06               | -1,421.4                            | -6,416.3     | 1,281.5                | 1,020.4                 | 261.13                    | 4.908             |                    |          |
| 13,600.0              | 7,000.0               | 14,418.4              | 7,790.0               | 164.7            | 164.3         | -128.03               | -1,425.6                            | -6,516.2     | 1,282.3                | 1,017.2                 | 265.14                    | 4.836             |                    |          |
| 13,700.0              | 7,000.0               | 14,518.4              | 7,790.0               | 167.1            | 166.7         | -128.01               | -1,429.8                            | -6,616.1     | 1,283.0                | 1,013.9                 | 269.16                    | 4.767             |                    |          |
| 13,800.0              | 7,000.0               | 14,618.4              | 7,790.0               | 169.5            | 169.1         | -127.98               | -1,433.9                            | -6,716.0     | 1,283.8                | 1,010.6                 | 273.17                    | 4.700             |                    |          |
| 13,900.0              | 7,000.0               | 14,718.4              | 7,790.0               | 171.9            | 171.5         | -127.95               | -1,438.1                            | -6,815.9     | 1,284.5                | 1,007.3                 | 277.20                    | 4.634             |                    |          |
| 14,000.0              | 7,000.0               | 14,818.4              | 7,790.0               | 174.4            | 173.9         | -127.93               | -1,442.2                            | -6,915.9     | 1,285.3                | 1,004.1                 | 281.22                    | 4.570             |                    |          |
| 14,100.0              | 7,000.0               | 14,918.3              | 7,790.0               | 176.8            | 176.4         | -127.90               | -1,446.4                            | -7,015.8     | 1,286.0                | 1,000.8                 | 285.25                    | 4.509             |                    |          |
| 14,200.0              | 7,000.0               | 15,018.3              | 7,790.0               | 179.2            | 178.8         | -127.88               | -1,450.6                            | -7,115.7     | 1,286.8                | 997.5                   | 289.28                    | 4.448             |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design David Edelstein - David Edelstein State Com #124H - Wellbore #1 - State Plan #1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD                                                                         |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 0.0 usft |
| Reference                                                                                     |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)                                                                         | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 14,300.0                                                                                      | 7,000.0               | 15,118.3              | 7,790.0               | 181.6            | 181.2         | -127.85               | -1,454.7                            | -7,215.6     | 1,287.5                | 994.2                   | 293.31                    | 4.390             |                    |          |
| 14,400.0                                                                                      | 7,000.0               | 15,218.3              | 7,790.0               | 184.0            | 183.6         | -127.82               | -1,458.9                            | -7,315.5     | 1,288.3                | 990.9                   | 297.35                    | 4.333             |                    |          |
| 14,500.0                                                                                      | 7,000.0               | 15,318.3              | 7,790.0               | 186.5            | 186.0         | -127.80               | -1,463.0                            | -7,415.4     | 1,289.0                | 987.6                   | 301.39                    | 4.277             |                    |          |
| 14,600.0                                                                                      | 7,000.0               | 15,418.3              | 7,790.0               | 188.9            | 188.4         | -127.77               | -1,467.2                            | -7,515.3     | 1,289.8                | 984.4                   | 305.43                    | 4.223             |                    |          |
| 14,700.0                                                                                      | 7,000.0               | 15,518.3              | 7,790.0               | 191.3            | 190.8         | -127.75               | -1,471.3                            | -7,615.2     | 1,290.5                | 981.1                   | 309.48                    | 4.170             |                    |          |
| 14,800.0                                                                                      | 7,000.0               | 15,618.3              | 7,790.0               | 193.7            | 193.2         | -127.72               | -1,475.5                            | -7,715.1     | 1,291.3                | 977.8                   | 313.53                    | 4.119             |                    |          |
| 14,900.0                                                                                      | 7,000.0               | 15,718.3              | 7,790.0               | 196.2            | 195.6         | -127.69               | -1,479.7                            | -7,815.0     | 1,292.0                | 974.5                   | 317.58                    | 4.068             |                    |          |
| 15,000.0                                                                                      | 7,000.0               | 15,818.3              | 7,790.0               | 198.6            | 198.1         | -127.67               | -1,483.8                            | -7,914.9     | 1,292.8                | 971.2                   | 321.63                    | 4.019             |                    |          |
| 15,100.0                                                                                      | 7,000.0               | 15,918.3              | 7,790.0               | 201.0            | 200.5         | -127.64               | -1,488.0                            | -8,014.9     | 1,293.5                | 967.8                   | 325.69                    | 3.972             |                    |          |
| 15,200.0                                                                                      | 7,000.0               | 16,018.3              | 7,790.0               | 203.5            | 202.9         | -127.62               | -1,492.1                            | -8,114.8     | 1,294.3                | 964.5                   | 329.75                    | 3.925             |                    |          |
| 15,300.0                                                                                      | 7,000.0               | 16,118.3              | 7,790.0               | 205.9            | 205.3         | -127.59               | -1,496.3                            | -8,214.7     | 1,295.0                | 961.2                   | 333.82                    | 3.880             |                    |          |
| 15,400.0                                                                                      | 7,000.0               | 16,218.3              | 7,790.0               | 208.3            | 207.7         | -127.57               | -1,500.5                            | -8,314.6     | 1,295.8                | 957.9                   | 337.88                    | 3.835             |                    |          |
| 15,500.0                                                                                      | 7,000.0               | 16,318.3              | 7,790.0               | 210.7            | 210.1         | -127.54               | -1,504.6                            | -8,414.5     | 1,296.5                | 954.6                   | 341.95                    | 3.792             |                    |          |
| 15,600.0                                                                                      | 7,000.0               | 16,418.3              | 7,790.0               | 213.2            | 212.6         | -127.52               | -1,508.8                            | -8,514.4     | 1,297.3                | 951.3                   | 346.02                    | 3.749             |                    |          |
| 15,700.0                                                                                      | 7,000.0               | 16,518.3              | 7,790.0               | 215.6            | 215.0         | -127.49               | -1,512.9                            | -8,614.3     | 1,298.1                | 948.0                   | 350.10                    | 3.708             |                    |          |
| 15,800.0                                                                                      | 7,000.0               | 16,618.3              | 7,790.0               | 218.0            | 217.4         | -127.46               | -1,517.1                            | -8,714.2     | 1,298.8                | 944.6                   | 354.18                    | 3.667             |                    |          |
| 15,900.0                                                                                      | 7,000.0               | 16,718.3              | 7,790.0               | 220.5            | 219.8         | -127.44               | -1,521.3                            | -8,814.1     | 1,299.6                | 941.3                   | 358.26                    | 3.627             |                    |          |
| 16,000.0                                                                                      | 7,000.0               | 16,818.3              | 7,790.0               | 222.9            | 222.2         | -127.41               | -1,525.4                            | -8,914.0     | 1,300.3                | 938.0                   | 362.34                    | 3.589             |                    |          |
| 16,100.0                                                                                      | 7,000.0               | 16,918.3              | 7,790.0               | 225.3            | 224.7         | -127.39               | -1,529.6                            | -9,013.9     | 1,301.1                | 934.6                   | 366.43                    | 3.551             |                    |          |
| 16,200.0                                                                                      | 7,000.0               | 17,018.3              | 7,790.0               | 227.7            | 227.1         | -127.36               | -1,533.7                            | -9,113.9     | 1,301.8                | 931.3                   | 370.51                    | 3.514             |                    |          |
| 16,300.0                                                                                      | 7,000.0               | 17,118.2              | 7,790.0               | 230.2            | 229.5         | -127.34               | -1,537.9                            | -9,213.8     | 1,302.6                | 928.0                   | 374.60                    | 3.477             |                    |          |
| 16,400.0                                                                                      | 7,000.0               | 17,218.2              | 7,790.0               | 232.6            | 231.9         | -127.31               | -1,542.1                            | -9,313.7     | 1,303.3                | 924.6                   | 378.70                    | 3.442             |                    |          |
| 16,500.0                                                                                      | 7,000.0               | 17,318.2              | 7,790.0               | 235.0            | 234.3         | -127.29               | -1,546.2                            | -9,413.6     | 1,304.1                | 921.3                   | 382.79                    | 3.407             |                    |          |
| 16,600.0                                                                                      | 7,000.0               | 17,418.2              | 7,790.0               | 237.5            | 236.8         | -127.26               | -1,550.4                            | -9,513.5     | 1,304.8                | 917.9                   | 386.89                    | 3.373             |                    |          |
| 16,700.0                                                                                      | 7,000.0               | 17,518.2              | 7,790.0               | 239.9            | 239.2         | -127.24               | -1,554.5                            | -9,613.4     | 1,305.6                | 914.6                   | 390.99                    | 3.339             |                    |          |
| 16,800.0                                                                                      | 7,000.0               | 17,618.2              | 7,790.0               | 242.3            | 241.6         | -127.21               | -1,558.7                            | -9,713.3     | 1,306.4                | 911.3                   | 395.10                    | 3.306             |                    |          |
| 16,900.0                                                                                      | 7,000.0               | 17,718.2              | 7,790.0               | 244.8            | 244.0         | -127.19               | -1,562.9                            | -9,813.2     | 1,307.1                | 907.9                   | 399.20                    | 3.274             |                    |          |
| 17,000.0                                                                                      | 7,000.0               | 17,818.2              | 7,790.0               | 247.2            | 246.5         | -127.16               | -1,567.0                            | -9,913.1     | 1,307.9                | 904.6                   | 403.31                    | 3.243             |                    |          |
| 17,100.0                                                                                      | 7,000.0               | 17,918.2              | 7,790.0               | 249.6            | 248.9         | -127.14               | -1,571.2                            | -10,013.0    | 1,308.6                | 901.2                   | 407.42                    | 3.212             |                    |          |
| 17,200.0                                                                                      | 7,000.0               | 18,018.2              | 7,790.0               | 252.1            | 251.3         | -127.11               | -1,575.3                            | -10,112.9    | 1,309.4                | 897.8                   | 411.54                    | 3.182             |                    |          |
| 17,292.9                                                                                      | 7,000.0               | 18,111.1              | 7,790.0               | 254.3            | 253.6         | -127.09               | -1,579.2                            | -10,205.7    | 1,310.1                | 894.7                   | 415.36                    | 3.154 SF          |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to KB @ 3117.5usft

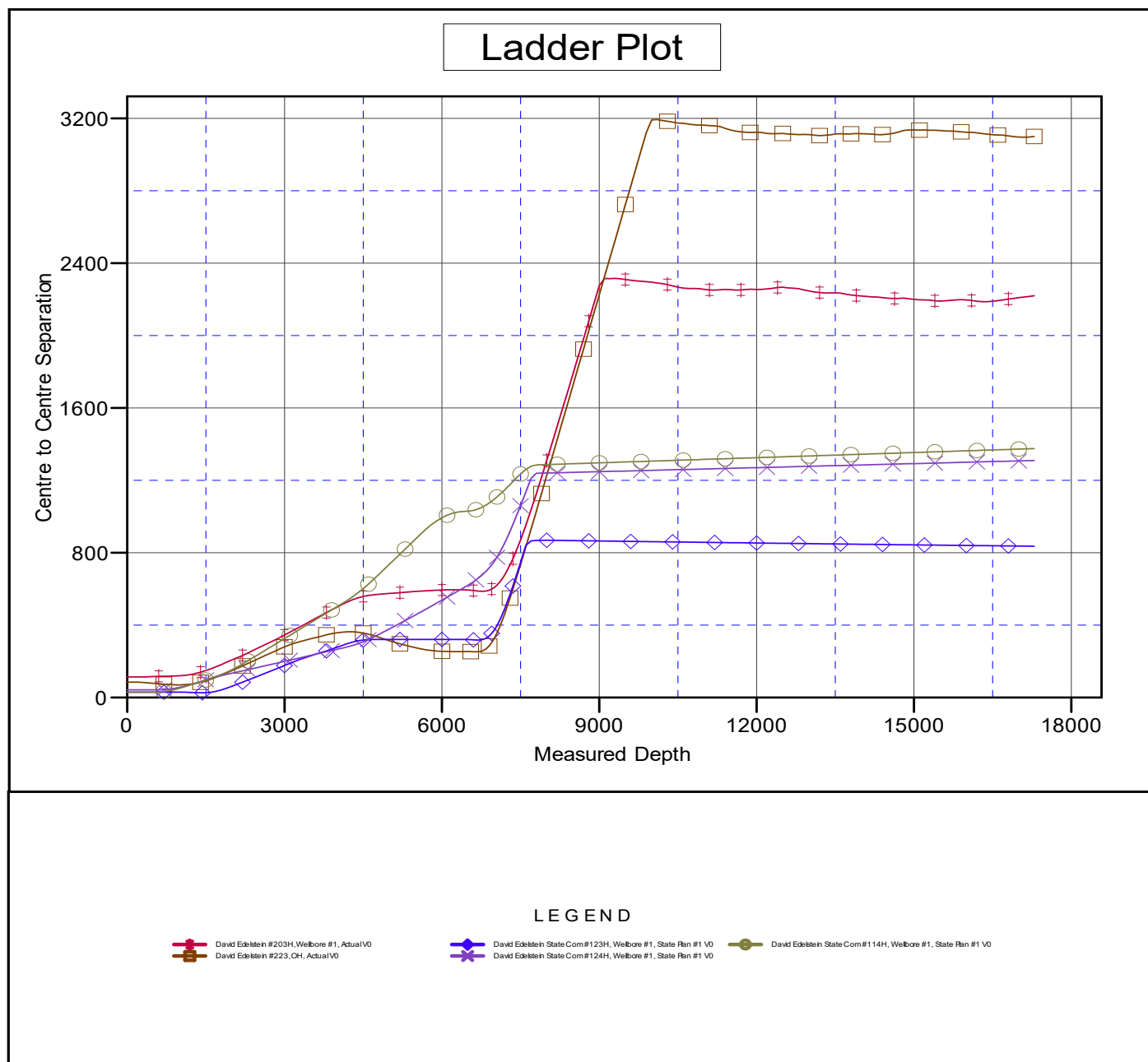
Offset Depths are relative to Offset Datum

Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: David Edelstein State Com #113H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.11°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | Matador Production Company      | <b>Local Co-ordinate Reference:</b> | Well David Edelstein State Com #113H |
| <b>Project:</b>           | Rustler Breaks                  | <b>TVD Reference:</b>               | KB @ 3117.5usft                      |
| <b>Reference Site:</b>    | David Edelstein                 | <b>MD Reference:</b>                | KB @ 3117.5usft                      |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | David Edelstein State Com #113H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                     | <b>Database:</b>                    | EDM 5000.14 Server                   |
| <b>Reference Design:</b>  | State Plan #1                   | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to KB @ 3117.5usft

Offset Depths are relative to Offset Datum

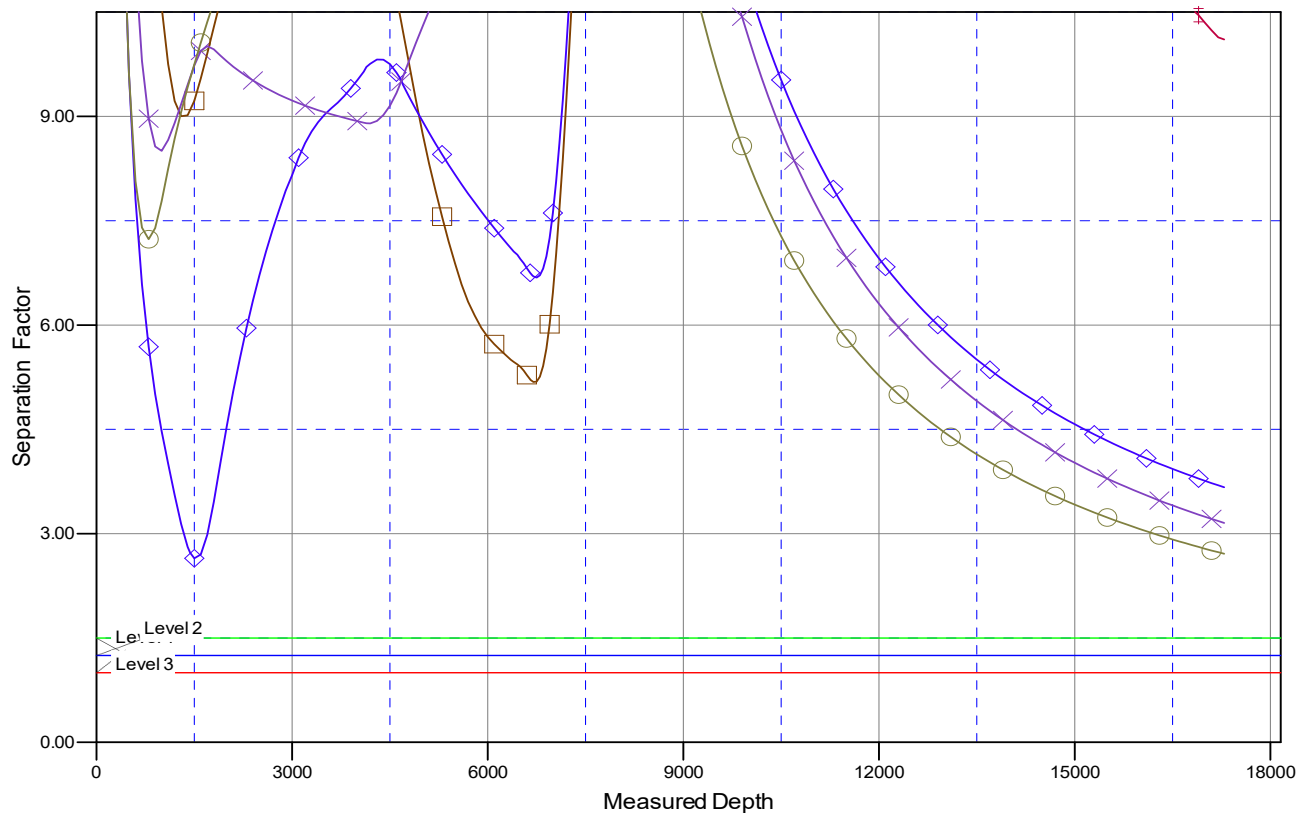
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: David Edelstein State Com #113H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.11°

## Separation Factor Plot



## LEGEND

■ David Edelstein #203H Wellbore #1, Actual VO    
 ✕ David Edelstein State Com #123H, Wellbore #1, State Plan #1 VO    
 ● David Edelstein State Com #114H, Wellbore #1, State Plan #1 VO  
■ David Edelstein #223 OH, Actual VO    
 ✕ David Edelstein State Com #124H, Wellbore #1, State Plan #1 VO

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 242137

CONDITIONS

|                                                                                   |                                                      |
|-----------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>MATADOR PRODUCTION COMPANY<br>One Lincoln Centre<br>Dallas, TX 75240 | OGRID:<br>228937                                     |
|                                                                                   | Action Number:<br>242137                             |
|                                                                                   | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By  | Condition                                                                                                                                                                                                                                                                                                  | Condition Date |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| ward.rikala | 1- Diesel Brine Emulsion can not be used to drill through any potable water bearing strata. 2- Cement is required to be circulated to surface for the intermediate casing. If cement is not circulated to surface, a CBL is required ti verify the integrity of the cement behind the intermediate casing. | 9/29/2023      |