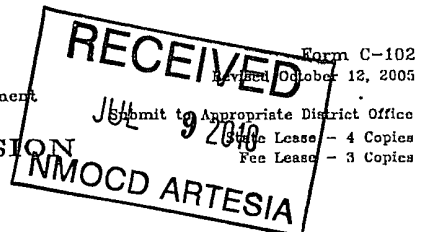


DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

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



WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                                   |                                                               |                                                    |
|-----------------------------------|---------------------------------------------------------------|----------------------------------------------------|
| API Number<br><b>30-015-37257</b> | Pool Code<br><b>97056</b>                                     | Pool Name<br><b>HACKBERRY; BONE SPRINGS, NORTH</b> |
| Property Code<br><b>37757</b>     | Property Name<br><b>STRAWBERRY "7" FEDERAL</b>                | Well Number<br><b>5H</b>                           |
| OGRID No.<br><b>6137</b>          | Operator Name<br><b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b> | Elevation<br><b>3477'</b>                          |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 7       | 19 S     | 31 E  |         | 2160          | NORTH            | 340           | EAST           | EDDY   |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E             | 7       | 19 S     | 31 E  |         | 2296          | NORTH            | 424           | WEST           | EDDY   |

|                               |                 |                    |           |
|-------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br><b>160</b> | Joint or Infill | Consolidation Code | Order No. |
|-------------------------------|-----------------|--------------------|-----------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

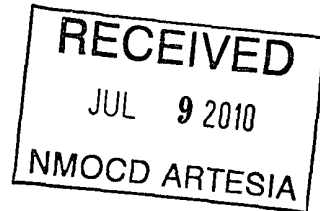
|                                                                                                   |                                                                                                      |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GRID N: 612135.214<br>GRID E: 669438.978<br>LATITUDE: 32°40'55.606"<br>LONGITUDE: -103°55'00.905" | GRID N: 612156.538<br>GRID E: 671983.399<br>LATITUDE: 32°40'55.718"<br>LONGITUDE: -103°54'31.344"    | GRID N: 612177.591<br>GRID E: 674623.315<br>LATITUDE: 32°40'55.821"<br>LONGITUDE: -103°54'00.454" | OPERATOR CERTIFICATION<br><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 03/17/09<br/>Signature Date<br/><b>STEPHANIE A. YSASAGA</b><br/>Printed Name</p> |
| GRID N: 609495.508<br>GRID E: 669465.133<br>LATITUDE: 32°40'29.485"<br>LONGITUDE: -103°55'00.931" | SURFACE LOCATION<br>Lat - N 32°40'34.40"<br>Long - W 103°54'04.36"<br>NMSPC - E 674298.6<br>(NAD-83) |                                                                                                   | SURVEYOR CERTIFICATION<br><p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>MAR 11 13 00 09<br/>Date Surveyed<br/>Signature &amp; Seal of Professional Surveyor<br/>7977<br/>Certificate No. Cory L. Jones 7977</p>                                                                                                                                                                                                     |

BASIN SURVEYS

**McVAY DRILLING COMPANY**

P.O. Box 2450  
Hobbs, New Mexico 88241  
(575) 397-3311  
FAX: 39-DRILL

30 015 37257



Well Name and Num: Strawberry 7 Federal #5H  
Location: Sec. 7, T19S, R31E  
Operator: Devon  
Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

| <u>Degrees @</u> | <u>Depth</u> | <u>Degrees @</u> | <u>Depth</u> | <u>Degrees @</u> | <u>Depth</u> | <u>Degrees @</u> | <u>Depth</u> |
|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| 0.27             | 263          | 0.50             | 6127         | 76.80            | 9095         | 90.10            | 11536        |
| 1.00             | 516          | 0.50             | 6509         | 91.20            | 9223         | 89.30            | 11599        |
| 43.00            | 648          | 0.50             | 6924         | 91.70            | 9319         | 88.70            | 11722        |
| 21.00            | 890          | 0.50             | 7319         | 91.10            | 9383         | 90.10            | 11908        |
| 0.81             | 1139         | 0.50             | 7718         | 90.60            | 9446         | 90.40            | 12093        |
| 1.23             | 1530         | 1.00             | 9008         | 91.50            | 9700         | 90.20            | 12277        |
| 2.00             | 2024         | 1.50             | 8173         | 90.60            | 9892         | 90.40            | 12527        |
| 0.50             | 2339         | 9.50             | 8268         | 90.60            | 9956         | 89.80            | 12907        |
| 0.50             | 2577         | 20.00            | 8362         | 90.70            | 10145        | 89.70            | 13035        |
| 0.50             | 2983         | 26.00            | 8425         | 91.20            | 10339        |                  |              |
| 0.50             | 3353         | 32.40            | 8489         | 90.60            | 10494        |                  |              |
| 0.50             | 3753         | 38.00            | 8586         | 89.60            | 10780        |                  |              |
| 0.50             | 4128         | 53.80            | 8778         | 90.70            | 11036        |                  |              |
| 0.50             | 4501         | 70.70            | 8971         | 90.70            | 11068        |                  |              |
| 0.50             | 4905         | 71.40            | 9047         | 90.50            | 11164        |                  |              |
| 0.50             | 5283         | 70.90            | 9017         | 90.40            | 11225        |                  |              |
| 0.50             | 5684         | 72.70            | 9063         | 90.60            | 11318        |                  |              |

Accepted for record  
NMOCD *DS*

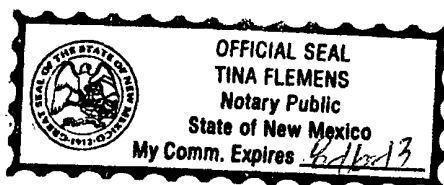
Drilling Contractor: McVay Drilling Company

By: *H. H. [Signature]*

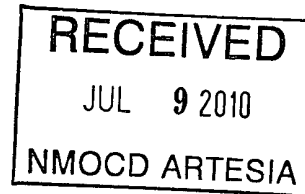
Subscribed and sworn to before me this 7th day of May, 2010

*Tina Flemens*  
Notary Public

My Commission Expires: 8-16-13 Lea County, New Mexico



30 015 31257

  
**devon**

## **Devon Energy**

Eddy Co., New Mexico (Nad 83)

Strawberry 7 Fed #5H

Strawberry 7 Fed #5H

Lateral #1

Survey: Cudd MWD Survey #1

## **Standard Survey Report**

11 May, 2010

Accepted for record  
NMOCD *DS*





CUDD Drilling & Measurement Services  
Survey Report



|           |                               |                              |                                       |
|-----------|-------------------------------|------------------------------|---------------------------------------|
| Company:  | Devon Energy                  | Local Co-ordinate Reference: | Site Strawberry 7 Fed #5H             |
| Project:  | Eddy Co., New Mexico (Nad 83) | TVD Reference:               | WELL @ 3496.00ft (Original Well Elev) |
| Site:     | Strawberry 7 Fed #5H          | MD Reference:                | WELL @ 3496.00ft (Original Well Elev) |
| Well:     | Strawberry 7 Fed #5H          | North Reference:             | Grid                                  |
| Wellbore: | Lateral #1                    | Survey Calculation Method:   | Minimum Curvature                     |
| Design:   | Lateral #1                    | Database:                    | EDM 2003.21 Single User Db            |

|             |                               |               |                |
|-------------|-------------------------------|---------------|----------------|
| Project:    | Eddy Co., New Mexico (Nad 83) |               |                |
| Map System: | US State Plane 1983           | System Datum: | Mean Sea Level |
| Geo Datum:  | North American Datum 1983     |               |                |
| Map Zone:   | New Mexico Eastern Zone       |               |                |

|                       |                                           |                   |                  |
|-----------------------|-------------------------------------------|-------------------|------------------|
| Site:                 | Strawberry 7 Fed #5H, Sec 7, T-19S, R 31E |                   |                  |
| Site Position:        | Map                                       | Northing:         | 610,015.30 ft    |
| From:                 |                                           | Easting:          | 674,299.90 ft    |
| Position Uncertainty: | 0.00 ft                                   | Slot Radius:      | "                |
|                       |                                           | Latitude:         | 32° 40' 34.438 N |
|                       |                                           | Longitude:        | 103° 54' 4.341 W |
|                       |                                           | Grid Convergence: | 0.23 °           |

|                      |                      |                     |                  |
|----------------------|----------------------|---------------------|------------------|
| Well:                | Strawberry 7 Fed #5H |                     |                  |
| Well Position        | +N/-S                | 0.00 ft             | Northing:        |
|                      | +E/-W                | 0.00 ft             | Easting:         |
| Position Uncertainty | 0.00 ft              | Wellhead Elevation: | 3,496.00 ft      |
|                      |                      | Ground Level:       | 3,477.00 ft      |
|                      |                      | Latitude:           | 32° 40' 34.438 N |
|                      |                      | Longitude:          | 103° 54' 4.341 W |

|            |            |                |             |
|------------|------------|----------------|-------------|
| Wellbore:  | Lateral #1 |                |             |
| Magnetics: | Model Name | Sample Date    | Declination |
|            | IGRF200510 | 02/10/09       | 8.04        |
|            |            | Dip Angle      | 60.62       |
|            |            | Field Strength | 49,114      |
|            |            | (°)            | (nT)        |

|                   |                  |               |        |
|-------------------|------------------|---------------|--------|
| Design:           | Lateral #1       |               |        |
| Audit Notes:      |                  |               |        |
| Version:          | 1.0              | Phase:        | ACTUAL |
|                   |                  | Tie On Depth: | 0.00   |
| Vertical Section: | Depth From (TVD) | +N/-S         | +E/-W  |
|                   | (ft)             | (ft)          | (ft)   |
|                   | 0.00             | 0.00          | 0.00   |
|                   |                  | Direction     | 267.62 |
|                   |                  | (°)           |        |

|                |           |                                  |
|----------------|-----------|----------------------------------|
| Survey Program | Date:     | 05/11/10                         |
| From           | To        | Survey (Wellbore)                |
| (ft)           | (ft)      |                                  |
| 138.30         | 8,146.00  | Gyro Survey #1 (Lateral #1)      |
| 8,173.00       | 13,115.00 | Cudd MWD Survey #1 (Lateral #1)  |
|                |           | Tool Name                        |
|                |           | NS-GYRO-MS                       |
|                |           | CUDD MWD                         |
|                |           | Description                      |
|                |           | North sensing gyrocompassing m/s |
|                |           | MWD - Standard CUDD MWD          |

|                       |             |         |          |        |       |          |           |           |           |
|-----------------------|-------------|---------|----------|--------|-------|----------|-----------|-----------|-----------|
| Survey                |             |         |          |        |       |          |           |           |           |
| Measured              | Inclination | Azimuth | Vertical |        |       | Vertical | Dogleg    | Build     | Turn      |
| Depth                 | (°)         | (°)     | Depth    | +N/-S  | +E/-W | Section  | Rate      | Rate      | Rate      |
| (ft)                  |             |         | (ft)     | (ft)   | (ft)  | (ft)     | (°/100ft) | (°/100ft) | (°/100ft) |
| 8,146.00              | 0.81        | 351.95  | 8,144.26 | 111.23 | 55.16 | -59.73   | 0.00      | 0.00      | 0.00      |
| Last Gyro Survey      |             |         |          |        |       |          |           |           |           |
| 8,173.00              | 1.50        | 8.40    | 8,171.25 | 111.77 | 55.18 | -59.78   | 2.81      | 2.56      | 60.93     |
| First Cudd MWD Survey |             |         |          |        |       |          |           |           |           |
| 8,204.00              | 1.80        | 317.10  | 8,202.24 | 112.53 | 54.91 | -59.54   | 4.69      | 0.97      | -165.48   |
| 8,236.00              | 5.30        | 283.10  | 8,234.18 | 113.23 | 53.13 | -57.79   | 12.31     | 10.94     | -106.25   |
| 8,268.00              | 9.50        | 275.70  | 8,265.90 | 113.83 | 49.06 | -53.75   | 13.43     | 13.13     | -23.13    |
| 8,298.00              | 13.40       | 268.80  | 8,295.30 | 114.00 | 43.12 | -47.82   | 13.76     | 13.00     | -23.00    |
| 8,331.00              | 16.90       | 267.80  | 8,327.15 | 113.74 | 34.50 | -39.19   | 10.64     | 10.61     | -3.03     |
| 8,362.00              | 20.00       | 269.50  | 8,356.55 | 113.52 | 24.69 | -29.39   | 10.15     | 10.00     | 5.48      |
| 8,393.00              | 23.20       | 268.40  | 8,385.37 | 113.30 | 13.29 | -17.98   | 10.40     | 10.32     | -3.55     |
| 8,425.00              | 26.00       | 266.50  | 8,414.47 | 112.70 | -0.02 | -4.66    | 9.09      | 8.75      | -5.94     |



CUDD Drilling & Measurement Services  
Survey Report



|           |                               |                              |                                       |
|-----------|-------------------------------|------------------------------|---------------------------------------|
| Company:  | Devon Energy                  | Local Co-ordinate Reference: | Site Strawberry 7 Fed #5H             |
| Project:  | Eddy Co., New Mexico (Nad 83) | TVD Reference:               | WELL @ 3496.00ft (Original Well Elev) |
| Site:     | Strawberry 7 Fed #5H          | MD Reference:                | WELL @ 3496.00ft (Original Well Elev) |
| Well:     | Strawberry 7 Fed #5H          | North Reference:             | Grid                                  |
| Wellbore: | Lateral #1                    | Survey Calculation Method:   | Minimum Curvature                     |
| Design:   | Lateral #1                    | Database:                    | EDM 2003.21 Single User Db            |

| Survey              |                 |             |                     |            |            |                       |                       |                      |                     |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 8,457.00            | 29.40           | 264.10      | 8,442.80            | 111.46     | -14.84     | 10.19                 | 11.18                 | 10.63                | -7.50               |
| 8,489.00            | 32.40           | 261.60      | 8,470.25            | 109.40     | -31.13     | 26.56                 | 10.20                 | 9.38                 | -7.81               |
| 8,522.00            | 33.20           | 260.30      | 8,497.99            | 106.59     | -48.79     | 44.32                 | 3.23                  | 2.42                 | -3.94               |
| 8,554.00            | 35.20           | 259.50      | 8,524.46            | 103.43     | -66.49     | 62.14                 | 6.41                  | 6.25                 | -2.50               |
| 8,586.00            | 38.10           | 259.50      | 8,550.13            | 99.95      | -85.27     | 81.05                 | 9.06                  | 9.06                 | 0.00                |
| 8,618.00            | 41.10           | 260.70      | 8,574.78            | 96.45      | -105.36    | 101.27                | 9.67                  | 9.38                 | 3.75                |
| 8,650.00            | 44.60           | 260.10      | 8,598.24            | 92.82      | -126.82    | 122.85                | 11.01                 | 10.94                | -1.88               |
| 8,682.00            | 46.90           | 260.20      | 8,620.57            | 88.90      | -149.40    | 145.58                | 7.19                  | 7.19                 | 0.31                |
| 8,714.00            | 49.70           | 260.50      | 8,641.85            | 84.89      | -172.95    | 169.28                | 8.78                  | 8.75                 | 0.94                |
| 8,746.00            | 52.00           | 261.60      | 8,662.05            | 81.04      | -197.46    | 193.93                | 7.67                  | 7.19                 | 3.44                |
| 8,778.00            | 53.80           | 264.90      | 8,681.36            | 78.05      | -222.80    | 219.37                | 9.96                  | 5.63                 | 10.31               |
| 8,810.00            | 56.20           | 266.90      | 8,699.71            | 76.18      | -248.95    | 245.57                | 9.08                  | 7.50                 | 6.25                |
| 8,842.00            | 58.70           | 268.80      | 8,716.93            | 75.17      | -275.90    | 272.54                | 9.28                  | 7.81                 | 5.94                |
| 8,874.00            | 61.40           | 270.90      | 8,732.91            | 75.11      | -303.62    | 300.24                | 10.17                 | 8.44                 | 6.56                |
| 8,906.00            | 64.40           | 271.70      | 8,747.48            | 75.76      | -332.09    | 328.66                | 9.64                  | 9.38                 | 2.50                |
| 8,938.00            | 67.80           | 272.40      | 8,760.44            | 76.80      | -361.33    | 357.83                | 10.81                 | 10.63                | 2.19                |
| 8,969.00            | 70.70           | 274.30      | 8,771.43            | 78.50      | -390.26    | 386.67                | 10.97                 | 9.35                 | 6.13                |
| 8,999.00            | 71.40           | 277.70      | 8,781.17            | 81.47      | -418.48    | 414.73                | 10.97                 | 2.33                 | 11.33               |
| 9,031.00            | 71.20           | 278.60      | 8,791.43            | 85.77      | -448.48    | 444.53                | 2.74                  | -0.63                | 2.81                |
| 9,063.00            | 72.70           | 278.30      | 8,801.35            | 90.24      | -478.57    | 474.41                | 4.77                  | 4.69                 | -0.94               |
| 9,095.00            | 76.80           | 277.70      | 8,809.76            | 94.53      | -509.14    | 504.78                | 12.94                 | 12.81                | -1.88               |
| 9,127.00            | 81.00           | 276.80      | 8,815.92            | 98.49      | -540.28    | 535.73                | 13.41                 | 13.13                | -2.81               |
| 9,159.00            | 85.80           | 276.10      | 8,819.60            | 102.06     | -571.86    | 567.13                | 15.16                 | 15.00                | -2.19               |
| 9,191.00            | 90.50           | 275.00      | 8,820.63            | 105.15     | -603.68    | 598.80                | 15.08                 | 14.69                | -3.44               |
| 9,223.00            | 91.20           | 273.90      | 8,820.16            | 107.63     | -635.58    | 630.57                | 4.07                  | 2.19                 | -3.44               |
| 9,255.00            | 91.60           | 273.20      | 8,819.38            | 109.62     | -667.51    | 662.38                | 2.52                  | 1.25                 | -2.19               |
| 9,287.00            | 91.60           | 272.90      | 8,818.48            | 111.32     | -699.45    | 694.23                | 0.94                  | 0.00                 | -0.94               |
| 9,319.00            | 91.70           | 272.80      | 8,817.56            | 112.91     | -731.40    | 726.08                | 0.44                  | 0.31                 | -0.31               |
| 9,351.00            | 91.10           | 271.70      | 8,816.78            | 114.16     | -763.37    | 757.97                | 3.91                  | -1.88                | -3.44               |
| 9,383.00            | 91.10           | 271.70      | 8,816.16            | 115.11     | -795.35    | 789.88                | 0.00                  | 0.00                 | 0.00                |
| 9,414.00            | 90.90           | 270.00      | 8,815.62            | 115.57     | -826.34    | 820.83                | 5.52                  | -0.65                | -5.48               |
| 9,446.00            | 90.90           | 268.80      | 8,815.12            | 115.24     | -858.33    | 852.81                | 3.75                  | 0.00                 | -3.75               |
| 9,478.00            | 90.70           | 267.90      | 8,814.67            | 114.32     | -890.31    | 884.80                | 2.88                  | -0.63                | -2.81               |
| 9,509.00            | 90.70           | 267.50      | 8,814.29            | 113.07     | -921.29    | 915.80                | 1.29                  | 0.00                 | -1.29               |
| 9,541.00            | 91.30           | 267.00      | 8,813.74            | 111.54     | -953.25    | 947.79                | 2.44                  | 1.88                 | -1.56               |
| 9,573.00            | 91.30           | 266.70      | 8,813.01            | 109.78     | -985.19    | 979.78                | 0.94                  | 0.00                 | -0.94               |
| 9,604.00            | 91.20           | 266.60      | 8,812.33            | 107.97     | -1,016.13  | 1,010.77              | 0.46                  | -0.32                | -0.32               |
| 9,636.00            | 91.50           | 266.60      | 8,811.58            | 106.07     | -1,048.06  | 1,042.75              | 0.94                  | 0.94                 | 0.00                |
| 9,668.00            | 91.50           | 266.50      | 8,810.74            | 104.15     | -1,079.99  | 1,074.74              | 0.31                  | 0.00                 | -0.31               |
| 9,700.00            | 91.50           | 266.10      | 8,809.90            | 102.08     | -1,111.92  | 1,106.72              | 1.25                  | 0.00                 | -1.25               |
| 9,764.00            | 91.60           | 265.80      | 8,808.17            | 97.56      | -1,175.73  | 1,170.67              | 0.49                  | 0.16                 | -0.47               |
| 9,828.00            | 91.20           | 265.80      | 8,806.61            | 92.88      | -1,239.54  | 1,234.62              | 0.63                  | -0.63                | 0.00                |
| 9,892.00            | 90.60           | 265.60      | 8,805.60            | 88.08      | -1,303.35  | 1,298.57              | 0.99                  | -0.94                | -0.31               |
| 9,956.00            | 90.60           | 266.40      | 8,804.93            | 83.62      | -1,367.19  | 1,362.54              | 1.25                  | 0.00                 | 1.25                |
| 10,020.00           | 90.30           | 265.90      | 8,804.43            | 79.32      | -1,431.05  | 1,426.52              | 0.91                  | -0.47                | -0.78               |
| 10,051.00           | 90.30           | 265.60      | 8,804.27            | 77.02      | -1,461.96  | 1,457.50              | 0.97                  | 0.00                 | -0.97               |
| 10,083.00           | 90.70           | 265.50      | 8,803.99            | 74.54      | -1,493.86  | 1,489.48              | 1.29                  | 1.25                 | -0.31               |
| 10,147.00           | 90.70           | 265.70      | 8,803.21            | 69.63      | -1,557.67  | 1,553.44              | 0.31                  | 0.00                 | 0.31                |
| 10,211.00           | 90.20           | 264.90      | 8,802.71            | 64.38      | -1,621.45  | 1,617.38              | 1.47                  | -0.78                | -1.25               |
| 10,273.00           | 91.10           | 265.10      | 8,802.00            | 58.98      | -1,683.21  | 1,679.31              | 1.49                  | 1.45                 | 0.32                |
| 10,334.00           | 91.20           | 264.90      | 8,800.78            | 53.67      | -1,743.97  | 1,740.23              | 0.37                  | 0.16                 | -0.33               |
| 10,398.00           | 90.90           | 264.30      | 8,799.61            | 47.64      | -1,807.67  | 1,804.13              | 1.05                  | -0.47                | -0.94               |
| 10,430.00           | 91.20           | 264.40      | 8,799.02            | 44.49      | -1,839.51  | 1,836.08              | 0.99                  | 0.94                 | 0.31                |
| 10,462.00           | 90.60           | 263.90      | 8,798.52            | 41.23      | -1,871.34  | 1,868.01              | 2.44                  | -1.88                | -1.56               |



## CUDD Drilling &amp; Measurement Services

## Survey Report



|           |                               |                              |                                       |
|-----------|-------------------------------|------------------------------|---------------------------------------|
| Company:  | Devon Energy                  | Local Co-ordinate Reference: | Site Strawberry 7 Fed #5H             |
| Project:  | Eddy Co., New Mexico (Nad 83) | TVD Reference:               | WELL @ 3496.00ft (Original Well Elev) |
| Site:     | Strawberry 7 Fed #5H          | MD Reference:                | WELL @ 3496.00ft (Original Well Elev) |
| Well:     | Strawberry 7 Fed #5H          | North Reference:             | Grid                                  |
| Wellbore: | Lateral #1                    | Survey Calculation Method:   | Minimum Curvature                     |
| Design:   | Lateral #1                    | Database:                    | EDM 2003.21 Single User Db            |

| Survey               |                 |             |                     |            |            |                       |                       |                      |                     |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft)  | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 10,494.00            | 90.90           | 265.50      | 8,798.10            | 38.28      | -1,903.20  | 1,899.97              | 5.09                  | 0.94                 | 5.00                |
| 10,526.00            | 91.40           | 263.70      | 8,797.46            | 35.27      | -1,935.05  | 1,931.92              | 5.84                  | 1.56                 | -5.63               |
| 10,558.00            | 91.50           | 264.00      | 8,796.65            | 31.84      | -1,966.86  | 1,963.84              | 0.99                  | 0.31                 | 0.94                |
| 10,589.00            | 90.80           | 264.70      | 8,796.02            | 28.79      | -1,997.70  | 1,994.78              | 3.19                  | -2.26                | 2.26                |
| 10,621.00            | 90.50           | 264.40      | 8,795.66            | 25.75      | -2,029.55  | 2,026.73              | 1.33                  | -0.94                | -0.94               |
| 10,653.00            | 90.50           | 264.40      | 8,795.38            | 22.63      | -2,061.40  | 2,058.68              | 0.00                  | 0.00                 | 0.00                |
| 10,716.00            | 90.30           | 263.70      | 8,794.94            | 16.10      | -2,124.06  | 2,121.56              | 1.16                  | -0.32                | -1.11               |
| 10,780.00            | 89.60           | 264.20      | 8,795.00            | 9.35       | -2,187.70  | 2,185.42              | 1.34                  | -1.09                | 0.78                |
| 10,844.00            | 88.80           | 265.30      | 8,795.89            | 3.50       | -2,251.42  | 2,249.34              | 2.13                  | -1.25                | 1.72                |
| 10,908.00            | 89.30           | 265.10      | 8,796.95            | -1.86      | -2,315.19  | 2,313.27              | 0.84                  | 0.78                 | -0.31               |
| 10,972.00            | 90.80           | 265.30      | 8,796.90            | -7.21      | -2,378.96  | 2,377.21              | 2.36                  | 2.34                 | 0.31                |
| 11,036.00            | 90.70           | 265.40      | 8,796.06            | -12.40     | -2,442.75  | 2,441.16              | 0.22                  | -0.16                | 0.16                |
| 11,100.00            | 90.70           | 264.50      | 8,795.28            | -18.04     | -2,506.49  | 2,505.08              | 1.41                  | 0.00                 | -1.41               |
| 11,164.00            | 90.50           | 264.40      | 8,794.61            | -24.22     | -2,570.19  | 2,568.98              | 0.35                  | -0.31                | -0.16               |
| 11,225.00            | 90.40           | 264.10      | 8,794.13            | -30.34     | -2,630.88  | 2,629.87              | 0.52                  | -0.16                | -0.49               |
| 11,318.00            | 90.60           | 262.00      | 8,793.32            | -41.59     | -2,723.19  | 2,722.57              | 2.27                  | 0.22                 | -2.26               |
| 11,348.00            | 90.90           | 262.30      | 8,792.92            | -45.69     | -2,752.91  | 2,752.43              | 1.41                  | 1.00                 | 1.00                |
| 11,410.00            | 91.00           | 262.20      | 8,791.89            | -54.04     | -2,814.33  | 2,814.15              | 0.23                  | 0.16                 | -0.16               |
| 11,472.00            | 89.80           | 264.80      | 8,791.46            | -61.06     | -2,875.92  | 2,875.98              | 4.62                  | -1.94                | 4.19                |
| 11,536.00            | 90.10           | 265.00      | 8,791.52            | -66.75     | -2,939.67  | 2,939.91              | 0.56                  | 0.47                 | 0.31                |
| 11,599.00            | 89.30           | 266.10      | 8,791.85            | -71.64     | -3,002.48  | 3,002.86              | 2.16                  | -1.27                | 1.75                |
| 11,661.00            | 89.10           | 266.90      | 8,792.71            | -75.42     | -3,064.36  | 3,064.85              | 1.33                  | -0.32                | 1.29                |
| 11,691.00            | 88.80           | 267.40      | 8,793.26            | -76.92     | -3,094.31  | 3,094.84              | 1.94                  | -1.00                | 1.67                |
| 11,722.00            | 88.70           | 268.10      | 8,793.94            | -78.13     | -3,125.28  | 3,125.83              | 2.28                  | -0.32                | 2.26                |
| 11,784.00            | 90.10           | 269.40      | 8,794.59            | -79.48     | -3,187.26  | 3,187.81              | 3.08                  | 2.26                 | 2.10                |
| 11,847.00            | 90.00           | 268.90      | 8,794.53            | -80.42     | -3,250.25  | 3,250.79              | 0.81                  | -0.16                | -0.79               |
| 11,908.00            | 90.10           | 269.00      | 8,794.48            | -81.54     | -3,311.24  | 3,311.77              | 0.23                  | 0.16                 | 0.16                |
| 11,970.00            | 90.80           | 268.80      | 8,793.99            | -82.73     | -3,373.23  | 3,373.76              | 1.17                  | 1.13                 | -0.32               |
| 12,031.00            | 90.00           | 269.40      | 8,793.57            | -83.69     | -3,434.22  | 3,434.73              | 1.64                  | -1.31                | 0.98                |
| 12,093.00            | 90.40           | 269.50      | 8,793.35            | -84.28     | -3,496.22  | 3,496.70              | 0.67                  | 0.65                 | 0.16                |
| 12,155.00            | 90.60           | 269.10      | 8,792.81            | -85.04     | -3,558.21  | 3,558.67              | 0.72                  | 0.32                 | -0.65               |
| 12,216.00            | 90.10           | 269.90      | 8,792.44            | -85.57     | -3,619.21  | 3,619.64              | 1.55                  | -0.82                | 1.31                |
| 12,246.00            | 90.10           | 269.50      | 8,792.38            | -85.73     | -3,649.21  | 3,649.62              | 1.33                  | 0.00                 | -1.33               |
| 12,277.00            | 90.20           | 269.40      | 8,792.30            | -86.02     | -3,680.20  | 3,680.60              | 0.46                  | 0.32                 | -0.32               |
| 12,339.00            | 90.30           | 269.10      | 8,792.03            | -86.84     | -3,742.20  | 3,742.58              | 0.51                  | 0.16                 | -0.48               |
| 12,400.00            | 90.50           | 268.90      | 8,791.61            | -87.90     | -3,803.19  | 3,803.56              | 0.46                  | 0.33                 | -0.33               |
| 12,464.00            | 90.60           | 268.60      | 8,790.99            | -89.30     | -3,867.17  | 3,867.54              | 0.49                  | 0.16                 | -0.47               |
| 12,527.00            | 90.40           | 267.60      | 8,790.44            | -91.39     | -3,930.13  | 3,930.54              | 1.62                  | -0.32                | -1.59               |
| 12,591.00            | 89.80           | 267.40      | 8,790.33            | -94.18     | -3,994.07  | 3,994.54              | 0.99                  | -0.94                | -0.31               |
| 12,653.00            | 89.90           | 267.20      | 8,790.49            | -97.10     | -4,056.00  | 4,056.53              | 0.36                  | 0.16                 | -0.32               |
| 12,717.00            | 89.80           | 266.40      | 8,790.66            | -100.67    | -4,119.90  | 4,120.53              | 1.26                  | -0.16                | -1.25               |
| 12,780.00            | 90.20           | 266.10      | 8,790.66            | -104.79    | -4,182.76  | 4,183.51              | 0.79                  | 0.63                 | -0.48               |
| 12,844.00            | 90.70           | 265.80      | 8,790.16            | -109.31    | -4,246.60  | 4,247.48              | 0.91                  | 0.78                 | -0.47               |
| 12,907.00            | 89.80           | 265.10      | 8,789.88            | -114.31    | -4,309.40  | 4,310.43              | 1.81                  | -1.43                | -1.11               |
| 12,971.00            | 89.80           | 263.80      | 8,790.11            | -120.50    | -4,373.10  | 4,374.33              | 2.03                  | 0.00                 | -2.03               |
| 13,060.00            | 90.00           | 263.80      | 8,790.26            | -130.11    | -4,461.58  | 4,463.13              | 0.22                  | 0.22                 | 0.00                |
| Last Cudd MWD Survey |                 |             |                     |            |            |                       |                       |                      |                     |
| 13,115.00            | 90.00           | 263.80      | 8,790.26            | -136.05    | -4,516.26  | 4,518.01              | 0.00                  | 0.00                 | 0.00                |
| Proj to Bit          |                 |             |                     |            |            |                       |                       |                      |                     |



CUDD Drilling & Measurement Services  
Survey Report



|           |                               |                              |                                       |
|-----------|-------------------------------|------------------------------|---------------------------------------|
| Company:  | Devon Energy                  | Local Co-ordinate Reference: | Site Strawberry 7 Fed #5H             |
| Project:  | Eddy Co., New Mexico (Nad 83) | TVD Reference:               | WELL @ 3496.00ft (Original Well Elev) |
| Site:     | Strawberry 7 Fed #5H          | MD Reference:                | WELL @ 3496.00ft (Original Well Elev) |
| Well:     | Strawberry 7 Fed #5H          | North Reference:             | Grid                                  |
| Wellbore: | Lateral #1                    | Survey Calculation Method:   | Minimum Curvature                     |
| Design:   | Lateral #1                    | Database:                    | EDM 2003.21 Single User Db            |

| Survey Annotations  |                     |                   |            |                       |
|---------------------|---------------------|-------------------|------------|-----------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates |            | Comment               |
|                     |                     | +N/-S (ft)        | +E/-W (ft) |                       |
| 8,146.00            | 8,144.26            | 111.23            | 55.16      | Last Gyro Survey      |
| 8,173.00            | 8,171.25            | 111.77            | 55.18      | First Cudd MWD Survey |
| 13,060.00           | 8,790.26            | -130.11           | -4,461.58  | Last Cudd MWD Survey  |
| 13,115.00           | 8,790.26            | -136.05           | -4,516.26  | Proj to Bit           |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|

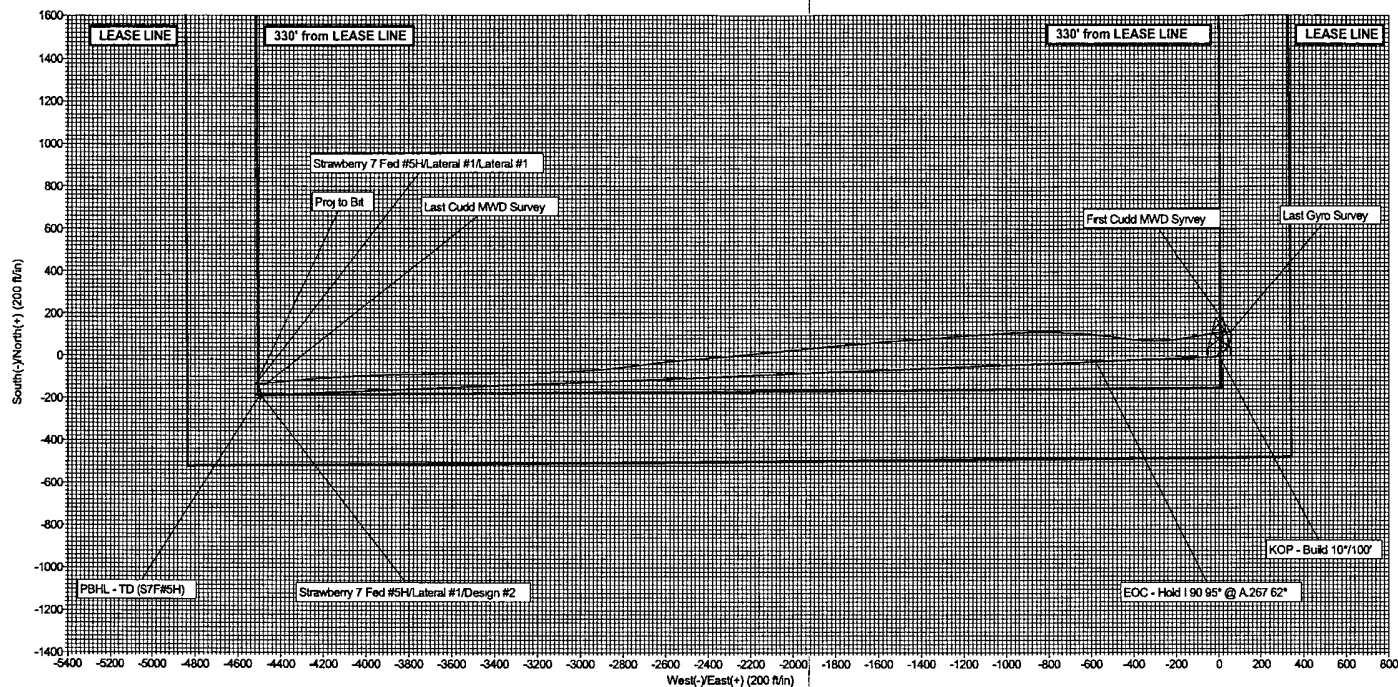


Project: Eddy Co., New Mexico (Nad 83)  
Site: Strawberry 7 Fed #5H  
Well: Strawberry 7 Fed #5H  
Wellbore: Lateral #1  
Design: Design #2



Plan, Design #2 (Strawberry 7 Fed #5H/Lateral #1)

Created By: Mike Starkley Date: 10.13, May 11 2010  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_



SECTION DETAILS

| Sec | MD       | Inc   | Adj    | TVD     | +N-S    | +E-W     | Dleg  | TFace  | VSec    | Target             |
|-----|----------|-------|--------|---------|---------|----------|-------|--------|---------|--------------------|
| 1   | 0.00     | 0.00  | 0.00   | 0.00    | 0.00    | 0.00     | 0.00  | 0.00   | 0.00    |                    |
| 2   | 8247.00  | 0.00  | 0.00   | 8247.00 | 0.00    | 0.00     | 0.00  | 0.00   | 0.00    |                    |
| 3   | 9156.68  | 90.95 | 267.62 | 8819.99 | -24.17  | -582.07  | 10.00 | 267.62 | 582.57  |                    |
| 4   | 13074.41 | 90.95 | 267.62 | 8755.00 | -186.66 | -4495.89 | 0.00  | 0.00   | 4499.76 | PBHL - TD (S7F#5H) |

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

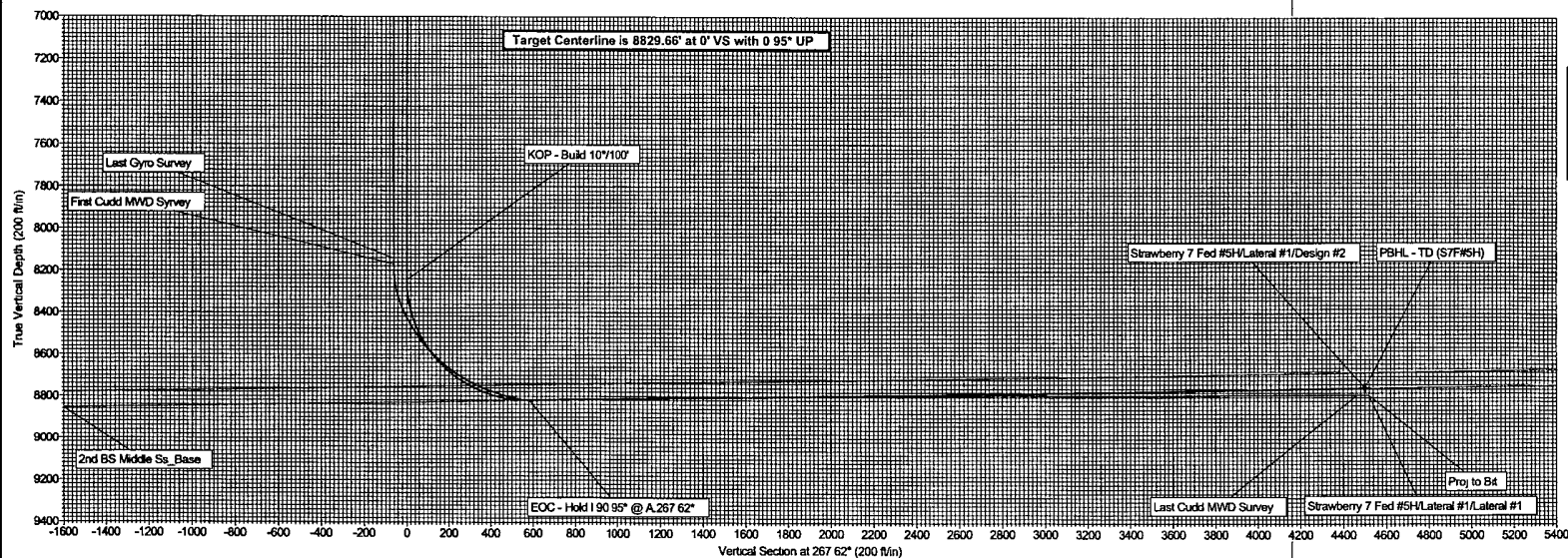
| Name               | TVD     | +N-S    | +E-W     | Northing  | Easting   | Latitude         | Longitude         | Shape |
|--------------------|---------|---------|----------|-----------|-----------|------------------|-------------------|-------|
| PBHL - TD (S7F#5H) | 8755.00 | -186.66 | -4495.89 | 609828.64 | 669804.02 | 32° 40' 32.789 N | 103° 54' 56.951 W | Point |

ANNOTATIONS

| TVD     | MD      | Annotation                     |
|---------|---------|--------------------------------|
| 8247.00 | 8247.00 | KOP - Build 10°/100°           |
| 8819.99 | 9156.70 | EOC - Hold 190.95° @ A.267 62° |

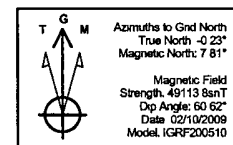
WELL DETAILS Strawberry 7 Fed #5H

| Ground Level: 3477.00                 |      |           |           |                  |                  |
|---------------------------------------|------|-----------|-----------|------------------|------------------|
| WELL @ 3496.00ft (Original Well Elev) |      |           |           |                  |                  |
| +N-S                                  | +E-W | Northing  | Easting   | Latitude         | Longitude        |
| 0.00                                  | 0.00 | 610015.30 | 674289.90 | 32° 40' 34.438 N | 103° 54' 4.341 W |



PROJECT DETAILS: Eddy Co., New Mexico (Nad 83)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level





## Strawberry 7 Fed #5H\_Final MWD Survey\_Report\_05-11-10.txt

Devon Energy  
Strawberry 7 Fed #5H - Cudd MWD Survey #1

Eddy Co., New Mexico (Nad 83)  
Strawberry 7 Fed #5H

| Measured<br>Dogleg<br>Depth<br>Rate<br>(ft)<br>(°/100ft) | Incl. | Azim.  | Vertical<br>Depth<br>(ft) | Northings<br>(ft) | Eastings<br>(ft) | Vertical<br>Section<br>(ft) |
|----------------------------------------------------------|-------|--------|---------------------------|-------------------|------------------|-----------------------------|
| 8146.00                                                  | 0.81  | 351.95 | 8144.26                   | 111.23 N          | 55.16 E          | -59.73                      |
| 0.00                                                     |       |        |                           |                   |                  |                             |
| 8173.00                                                  | 1.50  | 8.40   | 8171.25                   | 111.77 N          | 55.18 E          | -59.78                      |
| 2.81                                                     |       |        |                           |                   |                  |                             |
| 8204.00                                                  | 1.80  | 317.10 | 8202.24                   | 112.53 N          | 54.91 E          | -59.54                      |
| 4.69                                                     |       |        |                           |                   |                  |                             |
| 8236.00                                                  | 5.30  | 283.10 | 8234.18                   | 113.23 N          | 53.13 E          | -57.79                      |
| 12.31                                                    |       |        |                           |                   |                  |                             |
| 8268.00                                                  | 9.50  | 275.70 | 8265.90                   | 113.83 N          | 49.06 E          | -53.75                      |
| 13.43                                                    |       |        |                           |                   |                  |                             |
| 8298.00                                                  | 13.40 | 268.80 | 8295.30                   | 114.00 N          | 43.12 E          | -47.82                      |
| 13.76                                                    |       |        |                           |                   |                  |                             |
| 8331.00                                                  | 16.90 | 267.80 | 8327.15                   | 113.74 N          | 34.50 E          | -39.19                      |
| 10.64                                                    |       |        |                           |                   |                  |                             |
| 8362.00                                                  | 20.00 | 269.50 | 8356.55                   | 113.52 N          | 24.69 E          | -29.39                      |
| 10.15                                                    |       |        |                           |                   |                  |                             |
| 8393.00                                                  | 23.20 | 268.40 | 8385.37                   | 113.30 N          | 13.29 E          | -17.98                      |
| 10.40                                                    |       |        |                           |                   |                  |                             |
| 8425.00                                                  | 26.00 | 266.50 | 8414.47                   | 112.70 N          | 0.02 W           | -4.66                       |
| 9.09                                                     |       |        |                           |                   |                  |                             |
| 8457.00                                                  | 29.40 | 264.10 | 8442.80                   | 111.46 N          | 14.84 W          | 10.19                       |
| 11.18                                                    |       |        |                           |                   |                  |                             |
| 8489.00                                                  | 32.40 | 261.60 | 8470.25                   | 109.40 N          | 31.13 W          | 26.56                       |
| 10.20                                                    |       |        |                           |                   |                  |                             |
| 8522.00                                                  | 33.20 | 260.30 | 8497.99                   | 106.59 N          | 48.79 W          | 44.32                       |
| 3.23                                                     |       |        |                           |                   |                  |                             |
| 8554.00                                                  | 35.20 | 259.50 | 8524.46                   | 103.43 N          | 66.49 W          | 62.14                       |
| 6.41                                                     |       |        |                           |                   |                  |                             |
| 8586.00                                                  | 38.10 | 259.50 | 8550.13                   | 99.95 N           | 85.27 W          | 81.05                       |
| 9.06                                                     |       |        |                           |                   |                  |                             |
| 8618.00                                                  | 41.10 | 260.70 | 8574.78                   | 96.45 N           | 105.36 W         | 101.27                      |
| 9.67                                                     |       |        |                           |                   |                  |                             |
| 8650.00                                                  | 44.60 | 260.10 | 8598.24                   | 92.82 N           | 126.82 W         | 122.85                      |
| 11.01                                                    |       |        |                           |                   |                  |                             |
| 8682.00                                                  | 46.90 | 260.20 | 8620.57                   | 88.90 N           | 149.40 W         | 145.58                      |
| 7.19                                                     |       |        |                           |                   |                  |                             |
| 8714.00                                                  | 49.70 | 260.50 | 8641.85                   | 84.89 N           | 172.95 W         | 169.28                      |
| 8.78                                                     |       |        |                           |                   |                  |                             |
| 8746.00                                                  | 52.00 | 261.60 | 8662.05                   | 81.04 N           | 197.46 W         | 193.93                      |
| 7.67                                                     |       |        |                           |                   |                  |                             |
| 8778.00                                                  | 53.80 | 264.90 | 8681.36                   | 78.05 N           | 222.80 W         | 219.37                      |
| 9.96                                                     |       |        |                           |                   |                  |                             |
| 8810.00                                                  | 56.20 | 266.90 | 8699.71                   | 76.18 N           | 248.95 W         | 245.57                      |
| 9.08                                                     |       |        |                           |                   |                  |                             |
| 8842.00                                                  | 58.70 | 268.80 | 8716.93                   | 75.17 N           | 275.90 W         | 272.54                      |
| 9.28                                                     |       |        |                           |                   |                  |                             |
| 8874.00                                                  | 61.40 | 270.90 | 8732.91                   | 75.11 N           | 303.62 W         | 300.24                      |
| 10.17                                                    |       |        |                           |                   |                  |                             |
| 8906.00                                                  | 64.40 | 271.70 | 8747.48                   | 75.76 N           | 332.09 W         | 328.66                      |
| 9.64                                                     |       |        |                           |                   |                  |                             |

|          | Strawberry 7 Fed | #5H_Final | MWD     | Survey_Report_05-11-10.txt |           |         |
|----------|------------------|-----------|---------|----------------------------|-----------|---------|
| 8938.00  | 67.80            | 272.40    | 8760.44 | 76.80 N                    | 361.33 W  | 357.83  |
| 10.81    |                  |           |         |                            |           |         |
| 8969.00  | 70.70            | 274.30    | 8771.43 | 78.50 N                    | 390.26 W  | 386.67  |
| 10.97    |                  |           |         |                            |           |         |
| 8999.00  | 71.40            | 277.70    | 8781.17 | 81.47 N                    | 418.48 W  | 414.73  |
| 10.97    |                  |           |         |                            |           |         |
| 9031.00  | 71.20            | 278.60    | 8791.43 | 85.77 N                    | 448.48 W  | 444.53  |
| 2.74     |                  |           |         |                            |           |         |
| 9063.00  | 72.70            | 278.30    | 8801.35 | 90.24 N                    | 478.57 W  | 474.41  |
| 4.77     |                  |           |         |                            |           |         |
| 9095.00  | 76.80            | 277.70    | 8809.76 | 94.53 N                    | 509.14 W  | 504.78  |
| 12.94    |                  |           |         |                            |           |         |
| 9127.00  | 81.00            | 276.80    | 8815.92 | 98.49 N                    | 540.28 W  | 535.73  |
| 13.41    |                  |           |         |                            |           |         |
| 9159.00  | 85.80            | 276.10    | 8819.60 | 102.06 N                   | 571.86 W  | 567.13  |
| 15.16    |                  |           |         |                            |           |         |
| 9191.00  | 90.50            | 275.00    | 8820.63 | 105.15 N                   | 603.68 W  | 598.80  |
| 15.08    |                  |           |         |                            |           |         |
| 9223.00  | 91.20            | 273.90    | 8820.16 | 107.63 N                   | 635.58 W  | 630.57  |
| 4.07     |                  |           |         |                            |           |         |
| 9255.00  | 91.60            | 273.20    | 8819.38 | 109.62 N                   | 667.51 W  | 662.38  |
| 2.52     |                  |           |         |                            |           |         |
| 9287.00  | 91.60            | 272.90    | 8818.48 | 111.32 N                   | 699.45 W  | 694.23  |
| 0.94     |                  |           |         |                            |           |         |
| 9319.00  | 91.70            | 272.80    | 8817.56 | 112.91 N                   | 731.40 W  | 726.08  |
| 0.44     |                  |           |         |                            |           |         |
| 9351.00  | 91.10            | 271.70    | 8816.78 | 114.16 N                   | 763.37 W  | 757.97  |
| 3.91     |                  |           |         |                            |           |         |
| 9383.00  | 91.10            | 271.70    | 8816.16 | 115.11 N                   | 795.35 W  | 789.88  |
| 0.00     |                  |           |         |                            |           |         |
| 9414.00  | 90.90            | 270.00    | 8815.62 | 115.57 N                   | 826.34 W  | 820.83  |
| 5.52     |                  |           |         |                            |           |         |
| 9446.00  | 90.90            | 268.80    | 8815.12 | 115.24 N                   | 858.33 W  | 852.81  |
| 3.75     |                  |           |         |                            |           |         |
| 9478.00  | 90.70            | 267.90    | 8814.67 | 114.32 N                   | 890.31 W  | 884.80  |
| 2.88     |                  |           |         |                            |           |         |
| 9509.00  | 90.70            | 267.50    | 8814.29 | 113.07 N                   | 921.29 W  | 915.80  |
| 1.29     |                  |           |         |                            |           |         |
| 9541.00  | 91.30            | 267.00    | 8813.74 | 111.54 N                   | 953.25 W  | 947.79  |
| 2.44     |                  |           |         |                            |           |         |
| 9573.00  | 91.30            | 266.70    | 8813.01 | 109.78 N                   | 985.19 W  | 979.78  |
| 0.94     |                  |           |         |                            |           |         |
| 9604.00  | 91.20            | 266.60    | 8812.33 | 107.97 N                   | 1016.13 W | 1010.77 |
| 0.46     |                  |           |         |                            |           |         |
| 9636.00  | 91.50            | 266.60    | 8811.58 | 106.07 N                   | 1048.06 W | 1042.75 |
| 0.94     |                  |           |         |                            |           |         |
| 9668.00  | 91.50            | 266.50    | 8810.74 | 104.15 N                   | 1079.99 W | 1074.74 |
| 0.31     |                  |           |         |                            |           |         |
| 9700.00  | 91.50            | 266.10    | 8809.90 | 102.08 N                   | 1111.92 W | 1106.72 |
| 1.25     |                  |           |         |                            |           |         |
| 9764.00  | 91.60            | 265.80    | 8808.17 | 97.56 N                    | 1175.73 W | 1170.67 |
| 0.49     |                  |           |         |                            |           |         |
| 9828.00  | 91.20            | 265.80    | 8806.61 | 92.88 N                    | 1239.54 W | 1234.62 |
| 0.63     |                  |           |         |                            |           |         |
| 9892.00  | 90.60            | 265.60    | 8805.60 | 88.08 N                    | 1303.35 W | 1298.57 |
| 0.99     |                  |           |         |                            |           |         |
| 9956.00  | 90.60            | 266.40    | 8804.93 | 83.62 N                    | 1367.19 W | 1362.54 |
| 1.25     |                  |           |         |                            |           |         |
| 10020.00 | 90.30            | 265.90    | 8804.43 | 79.32 N                    | 1431.05 W | 1426.52 |
| 0.91     |                  |           |         |                            |           |         |
| 10051.00 | 90.30            | 265.60    | 8804.27 | 77.02 N                    | 1461.96 W | 1457.50 |
| 0.97     |                  |           |         |                            |           |         |
| 10083.00 | 90.70            | 265.50    | 8803.99 | 74.54 N                    | 1493.86 W | 1489.48 |

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|          |       |        |         |         |           |         |  |
|----------|-------|--------|---------|---------|-----------|---------|--|
| 1.29     |       |        |         |         |           |         |  |
| 10147.00 | 90.70 | 265.70 | 8803.21 | 69.63 N | 1557.67 W | 1553.44 |  |
| 0.31     |       |        |         |         |           |         |  |
| 10211.00 | 90.20 | 264.90 | 8802.71 | 64.38 N | 1621.45 W | 1617.38 |  |
| 1.47     |       |        |         |         |           |         |  |
| 10273.00 | 91.10 | 265.10 | 8802.00 | 58.98 N | 1683.21 W | 1679.31 |  |
| 1.49     |       |        |         |         |           |         |  |
| 10334.00 | 91.20 | 264.90 | 8800.78 | 53.67 N | 1743.97 W | 1740.23 |  |
| 0.37     |       |        |         |         |           |         |  |
| 10398.00 | 90.90 | 264.30 | 8799.61 | 47.64 N | 1807.67 W | 1804.13 |  |
| 1.05     |       |        |         |         |           |         |  |
| 10430.00 | 91.20 | 264.40 | 8799.02 | 44.49 N | 1839.51 W | 1836.08 |  |
| 0.99     |       |        |         |         |           |         |  |
| 10462.00 | 90.60 | 263.90 | 8798.52 | 41.23 N | 1871.34 W | 1868.01 |  |
| 2.44     |       |        |         |         |           |         |  |
| 10494.00 | 90.90 | 265.50 | 8798.10 | 38.28 N | 1903.20 W | 1899.97 |  |
| 5.09     |       |        |         |         |           |         |  |
| 10526.00 | 91.40 | 263.70 | 8797.46 | 35.27 N | 1935.05 W | 1931.92 |  |
| 5.84     |       |        |         |         |           |         |  |
| 10558.00 | 91.50 | 264.00 | 8796.65 | 31.84 N | 1966.86 W | 1963.84 |  |
| 0.99     |       |        |         |         |           |         |  |
| 10589.00 | 90.80 | 264.70 | 8796.02 | 28.79 N | 1997.70 W | 1994.78 |  |
| 3.19     |       |        |         |         |           |         |  |
| 10621.00 | 90.50 | 264.40 | 8795.66 | 25.75 N | 2029.55 W | 2026.73 |  |
| 1.33     |       |        |         |         |           |         |  |
| 10653.00 | 90.50 | 264.40 | 8795.38 | 22.63 N | 2061.40 W | 2058.68 |  |
| 0.00     |       |        |         |         |           |         |  |
| 10716.00 | 90.30 | 263.70 | 8794.94 | 16.10 N | 2124.06 W | 2121.56 |  |
| 1.16     |       |        |         |         |           |         |  |
| 10780.00 | 89.60 | 264.20 | 8795.00 | 9.35 N  | 2187.70 W | 2185.42 |  |
| 1.34     |       |        |         |         |           |         |  |
| 10844.00 | 88.80 | 265.30 | 8795.89 | 3.50 N  | 2251.42 W | 2249.34 |  |
| 2.13     |       |        |         |         |           |         |  |
| 10908.00 | 89.30 | 265.10 | 8796.95 | 1.86 S  | 2315.19 W | 2313.27 |  |
| 0.84     |       |        |         |         |           |         |  |
| 10972.00 | 90.80 | 265.30 | 8796.90 | 7.21 S  | 2378.96 W | 2377.21 |  |
| 2.36     |       |        |         |         |           |         |  |
| 11036.00 | 90.70 | 265.40 | 8796.06 | 12.40 S | 2442.75 W | 2441.16 |  |
| 0.22     |       |        |         |         |           |         |  |
| 11100.00 | 90.70 | 264.50 | 8795.28 | 18.04 S | 2506.49 W | 2505.08 |  |
| 1.41     |       |        |         |         |           |         |  |
| 11164.00 | 90.50 | 264.40 | 8794.61 | 24.22 S | 2570.19 W | 2568.98 |  |
| 0.35     |       |        |         |         |           |         |  |
| 11225.00 | 90.40 | 264.10 | 8794.13 | 30.34 S | 2630.88 W | 2629.87 |  |
| 0.52     |       |        |         |         |           |         |  |
| 11318.00 | 90.60 | 262.00 | 8793.32 | 41.59 S | 2723.19 W | 2722.57 |  |
| 2.27     |       |        |         |         |           |         |  |
| 11348.00 | 90.90 | 262.30 | 8792.92 | 45.69 S | 2752.91 W | 2752.43 |  |
| 1.41     |       |        |         |         |           |         |  |
| 11410.00 | 91.00 | 262.20 | 8791.89 | 54.04 S | 2814.33 W | 2814.15 |  |
| 0.23     |       |        |         |         |           |         |  |
| 11472.00 | 89.80 | 264.80 | 8791.46 | 61.06 S | 2875.92 W | 2875.98 |  |
| 4.62     |       |        |         |         |           |         |  |
| 11536.00 | 90.10 | 265.00 | 8791.52 | 66.75 S | 2939.67 W | 2939.91 |  |
| 0.56     |       |        |         |         |           |         |  |
| 11599.00 | 89.30 | 266.10 | 8791.85 | 71.64 S | 3002.48 W | 3002.86 |  |
| 2.16     |       |        |         |         |           |         |  |
| 11661.00 | 89.10 | 266.90 | 8792.71 | 75.42 S | 3064.36 W | 3064.85 |  |
| 1.33     |       |        |         |         |           |         |  |
| 11691.00 | 88.80 | 267.40 | 8793.26 | 76.92 S | 3094.31 W | 3094.84 |  |
| 1.94     |       |        |         |         |           |         |  |
| 11722.00 | 88.70 | 268.10 | 8793.94 | 78.13 S | 3125.28 W | 3125.83 |  |
| 2.28     |       |        |         |         |           |         |  |

|          | Strawberry 7 Fed #5H_Final MWD Survey_Report_05-11-10.txt |        |         |          |           |         |
|----------|-----------------------------------------------------------|--------|---------|----------|-----------|---------|
| 11784.00 | 90.10                                                     | 269.40 | 8794.59 | 79.48 S  | 3187.26 W | 3187.81 |
| 3.08     |                                                           |        |         |          |           |         |
| 11847.00 | 90.00                                                     | 268.90 | 8794.53 | 80.42 S  | 3250.25 W | 3250.79 |
| 0.81     |                                                           |        |         |          |           |         |
| 11908.00 | 90.10                                                     | 269.00 | 8794.48 | 81.54 S  | 3311.24 W | 3311.77 |
| 0.23     |                                                           |        |         |          |           |         |
| 11970.00 | 90.80                                                     | 268.80 | 8793.99 | 82.73 S  | 3373.23 W | 3373.76 |
| 1.17     |                                                           |        |         |          |           |         |
| 12031.00 | 90.00                                                     | 269.40 | 8793.57 | 83.69 S  | 3434.22 W | 3434.73 |
| 1.64     |                                                           |        |         |          |           |         |
| 12093.00 | 90.40                                                     | 269.50 | 8793.35 | 84.28 S  | 3496.22 W | 3496.70 |
| 0.67     |                                                           |        |         |          |           |         |
| 12155.00 | 90.60                                                     | 269.10 | 8792.81 | 85.04 S  | 3558.21 W | 3558.67 |
| 0.72     |                                                           |        |         |          |           |         |
| 12216.00 | 90.10                                                     | 269.90 | 8792.44 | 85.57 S  | 3619.21 W | 3619.64 |
| 1.55     |                                                           |        |         |          |           |         |
| 12246.00 | 90.10                                                     | 269.50 | 8792.38 | 85.73 S  | 3649.21 W | 3649.62 |
| 1.33     |                                                           |        |         |          |           |         |
| 12277.00 | 90.20                                                     | 269.40 | 8792.30 | 86.02 S  | 3680.20 W | 3680.60 |
| 0.46     |                                                           |        |         |          |           |         |
| 12339.00 | 90.30                                                     | 269.10 | 8792.03 | 86.84 S  | 3742.20 W | 3742.58 |
| 0.51     |                                                           |        |         |          |           |         |
| 12400.00 | 90.50                                                     | 268.90 | 8791.61 | 87.90 S  | 3803.19 W | 3803.56 |
| 0.46     |                                                           |        |         |          |           |         |
| 12464.00 | 90.60                                                     | 268.60 | 8790.99 | 89.30 S  | 3867.17 W | 3867.54 |
| 0.49     |                                                           |        |         |          |           |         |
| 12527.00 | 90.40                                                     | 267.60 | 8790.44 | 91.39 S  | 3930.13 W | 3930.54 |
| 1.62     |                                                           |        |         |          |           |         |
| 12591.00 | 89.80                                                     | 267.40 | 8790.33 | 94.18 S  | 3994.07 W | 3994.54 |
| 0.99     |                                                           |        |         |          |           |         |
| 12653.00 | 89.90                                                     | 267.20 | 8790.49 | 97.10 S  | 4056.00 W | 4056.53 |
| 0.36     |                                                           |        |         |          |           |         |
| 12717.00 | 89.80                                                     | 266.40 | 8790.66 | 100.67 S | 4119.90 W | 4120.53 |
| 1.26     |                                                           |        |         |          |           |         |
| 12780.00 | 90.20                                                     | 266.10 | 8790.66 | 104.79 S | 4182.76 W | 4183.51 |
| 0.79     |                                                           |        |         |          |           |         |
| 12844.00 | 90.70                                                     | 265.80 | 8790.16 | 109.31 S | 4246.60 W | 4247.48 |
| 0.91     |                                                           |        |         |          |           |         |
| 12907.00 | 89.80                                                     | 265.10 | 8789.88 | 114.31 S | 4309.40 W | 4310.43 |
| 1.81     |                                                           |        |         |          |           |         |
| 12971.00 | 89.80                                                     | 263.80 | 8790.11 | 120.50 S | 4373.10 W | 4374.33 |
| 2.03     |                                                           |        |         |          |           |         |
| 13060.00 | 90.00                                                     | 263.80 | 8790.26 | 130.11 S | 4461.58 W | 4463.13 |
| 0.22     |                                                           |        |         |          |           |         |
| 13115.00 | 90.00                                                     | 263.80 | 8790.26 | 136.05 S | 4516.26 W | 4518.01 |
| 0.00     |                                                           |        |         |          |           |         |

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.  
Vertical depths are relative to WELL. Northings and Eastings are relative to Site.

The Dogleg Severity is in Degrees per 100 feet.  
Vertical Section is from Slot and calculated along an Azimuth of 267.620° (Grid).

Coordinate System is North American Datum 1983 US State Plane 1983, New Mexico Eastern Zone.

Central meridian is -104.333°.

Grid Convergence at Surface is 0.233°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 13115.00ft., the Bottom Hole Displacement is 4518.31ft., in the Direction of 267.620° (Grid).

**A Gyrodata Directional Survey**

Field Copy Only, not definitive

for

**DEVON ENERGY**

Location: MCVAY #8, EDDY COUNTY, NEW MEXICO  
Lease: STRAWBERRY 7 FED COM Well: #5H, 4-1/2" DRILLPIPE

Job Number: MD0410GBM176

Run Date: 4/6/2010 5:25:32 PM

Surveyor: AJ EATON

Calculation Method: MINIMUM CURVATURE

Survey surface coordinates obtained from: Directional Drilling Company

Survey Latitude: 32.676130 deg. N Longitude: 103.900300 deg. W

Azimuth Correction:

Gyro: -0.23000 deg to Grid North

Proposed Well Direction: 0.410 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

**Accepted for record**  
**NMOCD**

# A Gyrodata Directional Survey

DEVON ENERGY

Location: MCVAY #8, EDDY COUNTY, NEW MEXICO

Lease: STRAWBERRY 7 FED COM Well: #5H, 4-1/2" DRILLPIPE

Job Number: MD0410GBM176

| MEASURED<br>DEPTH<br>feet                                                                                                                                  | I N C L<br>deg. | AZIMUTH<br>deg. | DOGLEG<br>SEVERITY<br>deg./<br>100 ft. | VERTICAL<br>DEPTH<br>feet | CLOSURE<br>DIST. AZIMUTH<br>feet deg. | HORIZONTAL<br>COORDINATES<br>feet |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|----------------------------------------|---------------------------|---------------------------------------|-----------------------------------|
| 0.00                                                                                                                                                       | 0.00            | 0.00            | 0.00                                   | 0.00                      | 0.0 0.0                               | 0.00 N 0.00 E                     |
| 0 TO 8146 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" DRILLPIPE<br>ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO MCVAY #8 R.K.B. (+ 17 FT.) |                 |                 |                                        |                           |                                       |                                   |
| 138.30                                                                                                                                                     | 0.33            | 329.36          | 0.24                                   | 138.30                    | 0.4 329.4                             | 0.34 N 0.20 W                     |
| 226.56                                                                                                                                                     | 0.33            | 288.23          | 0.26                                   | 226.56                    | 0.9 318.1                             | 0.63 N 0.57 W                     |
| 314.82                                                                                                                                                     | 0.27            | 293.06          | 0.07                                   | 314.82                    | 1.3 308.4                             | 0.79 N 1.00 W                     |
| 403.08                                                                                                                                                     | 0.33            | 303.15          | 0.09                                   | 403.08                    | 1.7 305.8                             | 1.01 N 1.40 W                     |
| 491.34                                                                                                                                                     | 0.28            | 339.51          | 0.22                                   | 491.33                    | 2.2 308.7                             | 1.35 N 1.69 W                     |
| 579.60                                                                                                                                                     | 0.47            | 321.82          | 0.25                                   | 579.59                    | 2.7 312.7                             | 1.84 N 1.99 W                     |
| 674.18                                                                                                                                                     | 0.48            | 322.18          | 0.01                                   | 674.17                    | 3.5 314.8                             | 2.45 N 2.47 W                     |
| 768.76                                                                                                                                                     | 0.49            | 309.24          | 0.12                                   | 768.75                    | 4.3 315.0                             | 3.02 N 3.02 W                     |
| 863.34                                                                                                                                                     | 0.49            | 310.92          | 0.02                                   | 863.32                    | 5.1 314.2                             | 3.54 N 3.64 W                     |
| 957.92                                                                                                                                                     | 0.49            | 315.82          | 0.04                                   | 957.90                    | 5.9 314.1                             | 4.09 N 4.22 W                     |
| 1052.50                                                                                                                                                    | 0.47            | 311.59          | 0.04                                   | 1052.48                   | 6.7 314.0                             | 4.63 N 4.79 W                     |
| 1147.08                                                                                                                                                    | 0.22            | 244.13          | 0.46                                   | 1147.05                   | 7.1 312.5                             | 4.81 N 5.24 W                     |
| 1241.66                                                                                                                                                    | 0.21            | 247.57          | 0.02                                   | 1241.63                   | 7.3 310.0                             | 4.66 N 5.57 W                     |
| 1336.24                                                                                                                                                    | 0.18            | 245.35          | 0.03                                   | 1336.21                   | 7.4 307.7                             | 4.54 N 5.86 W                     |
| 1430.82                                                                                                                                                    | 0.26            | 65.46           | 0.47                                   | 1430.79                   | 7.4 308.2                             | 4.56 N 5.80 W                     |
| 1525.40                                                                                                                                                    | 0.66            | 11.71           | 0.58                                   | 1525.37                   | 7.6 313.4                             | 5.19 N 5.49 W                     |
| 1619.98                                                                                                                                                    | 0.72            | 0.81            | 0.15                                   | 1619.94                   | 8.3 319.6                             | 6.31 N 5.37 W                     |
| 1714.56                                                                                                                                                    | 0.71            | 6.85            | 0.08                                   | 1714.52                   | 9.2 324.7                             | 7.48 N 5.30 W                     |
| 1809.14                                                                                                                                                    | 0.86            | 22.41           | 0.27                                   | 1809.09                   | 10.0 330.4                            | 8.72 N 4.96 W                     |

# A Gyrodata Directional Survey

DEVON ENERGY

Location: MCVAY #8, EDDY COUNTY, NEW MEXICO

Lease: STRAWBERRY 7 FED COM Well: #5H, 4-1/2" DRILLPIPE

Job Number: MD0410GBM176

| MEASURED<br>DEPTH<br>feet | I N C L<br>deg. | AZIMUTH<br>deg. | DOGLEG<br>SEVERITY<br>deg./<br>100 ft. | VERTICAL<br>DEPTH<br>feet | CLOSURE<br>DIST. feet | AZIMUTH<br>deg. | HORIZONTAL<br>COORDINATES<br>feet |         |
|---------------------------|-----------------|-----------------|----------------------------------------|---------------------------|-----------------------|-----------------|-----------------------------------|---------|
| 1903.72                   | 1.00            | 23.51           | 0.16                                   | 1903.65                   | 11.0                  | 336.7           | 10.13 N                           | 4.36 W  |
| 1998.30                   | 1.26            | 39.49           | 0.43                                   | 1998.22                   | 12.2                  | 344.0           | 11.70 N                           | 3.36 W  |
| 2092.88                   | 1.53            | 37.45           | 0.28                                   | 2092.77                   | 13.6                  | 351.8           | 13.50 N                           | 1.94 W  |
| 2187.46                   | 2.04            | 47.75           | 0.64                                   | 2187.30                   | 15.6                  | 0.3             | 15.63 N                           | 0.08 E  |
| 2282.04                   | 2.32            | 57.07           | 0.48                                   | 2281.81                   | 18.0                  | 9.4             | 17.81 N                           | 2.93 E  |
| 2376.62                   | 2.81            | 64.40           | 0.62                                   | 2376.30                   | 20.9                  | 18.5            | 19.85 N                           | 6.64 E  |
| 2471.20                   | 2.93            | 67.82           | 0.22                                   | 2470.76                   | 24.4                  | 26.7            | 21.77 N                           | 10.97 E |
| 2565.78                   | 2.62            | 72.90           | 0.42                                   | 2565.23                   | 27.9                  | 33.2            | 23.32 N                           | 15.27 E |
| 2660.36                   | 2.22            | 69.40           | 0.46                                   | 2659.72                   | 31.1                  | 37.8            | 24.60 N                           | 19.05 E |
| 2754.94                   | 1.55            | 69.90           | 0.70                                   | 2754.25                   | 33.8                  | 40.5            | 25.68 N                           | 21.97 E |
| 2849.52                   | 1.21            | 71.13           | 0.36                                   | 2848.81                   | 35.8                  | 42.4            | 26.44 N                           | 24.11 E |
| 2944.10                   | 1.03            | 70.57           | 0.19                                   | 2943.37                   | 37.4                  | 43.7            | 27.05 N                           | 25.86 E |
| 3038.68                   | 0.77            | 62.92           | 0.30                                   | 3037.94                   | 38.8                  | 44.6            | 27.62 N                           | 27.22 E |
| 3133.26                   | 0.64            | 61.22           | 0.13                                   | 3132.51                   | 39.9                  | 45.1            | 28.16 N                           | 28.26 E |
| 3227.84                   | 0.68            | 60.02           | 0.04                                   | 3227.08                   | 40.9                  | 45.5            | 28.70 N                           | 29.21 E |
| 3322.42                   | 0.75            | 53.86           | 0.11                                   | 3321.65                   | 42.1                  | 45.8            | 29.34 N                           | 30.19 E |
| 3417.00                   | 0.65            | 53.17           | 0.10                                   | 3416.23                   | 43.2                  | 46.0            | 30.03 N                           | 31.12 E |
| 3511.58                   | 0.51            | 56.77           | 0.15                                   | 3510.80                   | 44.2                  | 46.2            | 30.59 N                           | 31.91 E |
| 3606.16                   | 0.52            | 47.88           | 0.09                                   | 3605.38                   | 45.0                  | 46.3            | 31.11 N                           | 32.58 E |
| 3700.74                   | 0.50            | 44.96           | 0.03                                   | 3699.96                   | 45.9                  | 46.3            | 31.69 N                           | 33.20 E |
| 3795.32                   | 0.46            | 41.83           | 0.05                                   | 3794.53                   | 46.7                  | 46.3            | 32.27 N                           | 33.74 E |
| 3889.90                   | 0.48            | 28.81           | 0.12                                   | 3889.11                   | 47.5                  | 46.1            | 32.90 N                           | 34.19 E |
| 3984.48                   | 0.63            | 26.89           | 0.16                                   | 3983.68                   | 48.3                  | 45.8            | 33.72 N                           | 34.62 E |

# A Gyrodata Directional Survey

DEVON ENERGY

Location: MCVAY #8, EDDY COUNTY, NEW MEXICO

Lease: STRAWBERRY 7 FED COM Well: #5H, 4-1/2" DRILLPIPE

Job Number: MD0410GBM176

| MEASURED<br>DEPTH<br>feet | I N C L<br>deg. | AZIMUTH<br>deg. | DOGLEG<br>SEVERITY<br>deg./<br>100 ft. | VERTICAL<br>DEPTH<br>feet | CLOSURE<br>DIST. AZIMUTH<br>feet deg. | HORIZONTAL<br>COORDINATES<br>feet |
|---------------------------|-----------------|-----------------|----------------------------------------|---------------------------|---------------------------------------|-----------------------------------|
| 4079.06                   | 0.72            | 26.18           | 0.10                                   | 4078.26                   | 49.4 45.3                             | 34.72 N 35.11 E                   |
| 4173.64                   | 0.86            | 25.54           | 0.14                                   | 4172.83                   | 50.6 44.8                             | 35.89 N 35.68 E                   |
| 4268.22                   | 0.73            | 24.17           | 0.13                                   | 4267.40                   | 51.8 44.3                             | 37.08 N 36.23 E                   |
| 4362.80                   | 0.74            | 14.93           | 0.13                                   | 4361.97                   | 52.9 43.8                             | 38.22 N 36.64 E                   |
| 4457.38                   | 0.85            | 8.68            | 0.14                                   | 4456.54                   | 54.1 43.0                             | 39.51 N 36.90 E                   |
| 4551.96                   | 0.89            | 9.37            | 0.05                                   | 4551.11                   | 55.3 42.2                             | 40.93 N 37.13 E                   |
| 4646.54                   | 1.03            | 0.86            | 0.21                                   | 4645.68                   | 56.5 41.2                             | 42.50 N 37.26 E                   |
| 4741.12                   | 0.86            | 359.43          | 0.18                                   | 4740.25                   | 57.7 40.2                             | 44.06 N 37.27 E                   |
| 4835.70                   | 0.79            | 357.77          | 0.07                                   | 4834.82                   | 58.7 39.3                             | 45.42 N 37.23 E                   |
| 4930.28                   | 0.81            | 358.03          | 0.02                                   | 4929.39                   | 59.7 38.5                             | 46.75 N 37.19 E                   |
| 5024.86                   | 0.88            | 12.12           | 0.23                                   | 5023.96                   | 60.9 37.8                             | 48.13 N 37.32 E                   |
| 5119.44                   | 1.23            | 24.39           | 0.43                                   | 5118.52                   | 62.5 37.3                             | 49.77 N 37.89 E                   |
| 5214.02                   | 1.21            | 23.93           | 0.02                                   | 5213.08                   | 64.5 36.9                             | 51.60 N 38.71 E                   |
| 5308.60                   | 1.18            | 26.94           | 0.07                                   | 5307.64                   | 66.4 36.5                             | 53.38 N 39.56 E                   |
| 5403.18                   | 1.18            | 26.87           | 0.00                                   | 5402.20                   | 68.4 36.3                             | 55.12 N 40.44 E                   |
| 5497.76                   | 1.16            | 30.52           | 0.08                                   | 5496.76                   | 70.3 36.1                             | 56.82 N 41.37 E                   |
| 5592.34                   | 1.14            | 33.81           | 0.07                                   | 5591.32                   | 72.2 36.0                             | 58.43 N 42.38 E                   |
| 5686.92                   | 0.95            | 32.58           | 0.21                                   | 5685.88                   | 73.9 35.9                             | 59.87 N 43.32 E                   |
| 5781.50                   | 0.94            | 36.77           | 0.07                                   | 5780.45                   | 75.5 35.9                             | 61.15 N 44.21 E                   |
| 5876.08                   | 0.93            | 39.52           | 0.05                                   | 5875.02                   | 77.0 35.9                             | 62.37 N 45.16 E                   |
| 5970.66                   | 0.89            | 38.52           | 0.05                                   | 5969.59                   | 78.5 36.0                             | 63.54 N 46.11 E                   |
| 6065.24                   | 0.88            | 35.76           | 0.05                                   | 6064.15                   | 80.0 36.0                             | 64.70 N 47.00 E                   |
| 6159.82                   | 0.94            | 35.88           | 0.07                                   | 6158.72                   | 81.5 36.0                             | 65.92 N 47.87 E                   |



# A Gyrodata Directional Survey

DEVON ENERGY

Location: MCVAY #8, EDDY COUNTY, NEW MEXICO

Lease: STRAWBERRY 7 FED COM Well: #5H, 4-1/2" DRILLPIPE

Job Number: MD0410GBM176

| MEASURED<br>DEPTH<br>feet | INCL<br>deg. | AZIMUTH<br>deg. | DOGLEG<br>SEVERITY<br>deg./<br>100 ft. | VERTICAL<br>DEPTH<br>feet | CLOSURE<br>DIST. AZIMUTH<br>feet deg. | HORIZONTAL<br>COORDINATES<br>feet |
|---------------------------|--------------|-----------------|----------------------------------------|---------------------------|---------------------------------------|-----------------------------------|
| 6254.40                   | 1.15         | 37.40           | 0.23                                   | 6253.29                   | 83.2 36.0                             | 67.31 N 48.91 E                   |
| 6348.98                   | 1.16         | 37.36           | 0.01                                   | 6347.85                   | 85.1 36.0                             | 68.82 N 50.07 E                   |
| 6443.56                   | 1.31         | 44.76           | 0.23                                   | 6442.41                   | 87.1 36.2                             | 70.36 N 51.41 E                   |
| 6538.14                   | 1.40         | 48.60           | 0.13                                   | 6536.96                   | 89.3 36.4                             | 71.89 N 53.05 E                   |
| 6632.72                   | 1.40         | 37.60           | 0.28                                   | 6631.51                   | 91.6 36.6                             | 73.58 N 54.62 E                   |
| 6727.30                   | 1.39         | 23.70           | 0.36                                   | 6726.06                   | 93.9 36.4                             | 75.55 N 55.79 E                   |
| 6821.88                   | 1.52         | 15.27           | 0.27                                   | 6820.61                   | 96.2 36.0                             | 77.81 N 56.58 E                   |
| 6916.46                   | 1.55         | 13.80           | 0.05                                   | 6915.16                   | 98.6 35.5                             | 80.27 N 57.22 E                   |
| 7011.04                   | 1.67         | 7.50            | 0.22                                   | 7009.70                   | 101.0 34.8                            | 82.88 N 57.71 E                   |
| 7105.62                   | 1.81         | 2.54            | 0.22                                   | 7104.24                   | 103.5 34.1                            | 85.75 N 57.95 E                   |
| 7200.20                   | 1.90         | 1.51            | 0.10                                   | 7198.77                   | 106.1 33.2                            | 88.81 N 58.06 E                   |
| 7294.78                   | 1.87         | 6.65            | 0.18                                   | 7293.30                   | 108.8 32.4                            | 91.91 N 58.28 E                   |
| 7389.36                   | 1.64         | 17.80           | 0.43                                   | 7387.83                   | 111.5 31.9                            | 94.73 N 58.87 E                   |
| 7483.94                   | 1.26         | 14.15           | 0.42                                   | 7482.38                   | 113.8 31.5                            | 97.03 N 59.54 E                   |
| 7578.52                   | 1.09         | 3.43            | 0.29                                   | 7576.94                   | 115.6 31.2                            | 98.93 N 59.85 E                   |
| 7673.10                   | 1.30         | 354.00          | 0.30                                   | 7671.50                   | 117.3 30.7                            | 100.89 N 59.79 E                  |
| 7767.68                   | 1.56         | 339.22          | 0.48                                   | 7766.05                   | 118.9 29.9                            | 103.16 N 59.22 E                  |
| 7862.26                   | 1.60         | 339.27          | 0.05                                   | 7860.60                   | 120.6 28.9                            | 105.60 N 58.30 E                  |
| 7956.84                   | 1.77         | 320.12          | 0.62                                   | 7955.14                   | 122.0 27.8                            | 107.95 N 56.89 E                  |
| 8051.42                   | 1.00         | 334.89          | 0.89                                   | 8049.69                   | 123.1 26.9                            | 109.82 N 55.61 E                  |
| 8146.00                   | 0.81         | 351.95          | 0.35                                   | 8144.26                   | 124.2 26.4                            | 111.23 N 55.16 E                  |

Final Station Closure: Distance: 124.16 ft Az: 26.38 deg.

DEVON ENERGY  
WELL NUMBER : STRAWBERRY 7 FED COM #5H  
4-1/2" DRILLPIPE SURVEY  
DATE RUN : 060410  
JOB NUMBER : MD0410GBM176

| MD     | INC  | AZ     | TVD     | LOCAL<br>N | LOCAL<br>E | V/S  | DOG/<br>100FT |
|--------|------|--------|---------|------------|------------|------|---------------|
| 138.3  | 0.33 | 329.36 | 138.3   | 0.34       | -0.2       | 0.3  | 0.24          |
| 226.6  | 0.33 | 288.23 | 226.56  | 0.63       | -0.57      | 0.6  | 0.26          |
| 314.8  | 0.27 | 293.06 | 314.82  | 0.79       | -1         | 0.8  | 0.07          |
| 403.1  | 0.33 | 303.15 | 403.08  | 1.01       | -1.4       | 1    | 0.09          |
| 491.3  | 0.28 | 339.51 | 491.33  | 1.35       | -1.69      | 1.3  | 0.22          |
| 579.6  | 0.47 | 321.82 | 579.59  | 1.84       | -1.99      | 1.8  | 0.25          |
| 674.2  | 0.48 | 322.18 | 674.17  | 2.45       | -2.47      | 2.4  | 0.01          |
| 768.8  | 0.49 | 309.24 | 768.75  | 3.02       | -3.02      | 3    | 0.12          |
| 863.3  | 0.49 | 310.92 | 863.32  | 3.54       | -3.64      | 3.5  | 0.02          |
| 957.9  | 0.49 | 315.82 | 957.9   | 4.09       | -4.22      | 4.1  | 0.04          |
| 1052.5 | 0.47 | 311.59 | 1052.48 | 4.63       | -4.79      | 4.6  | 0.04          |
| 1147.1 | 0.22 | 244.13 | 1147.05 | 4.81       | -5.24      | 4.8  | 0.46          |
| 1241.7 | 0.21 | 247.57 | 1241.63 | 4.66       | -5.57      | 4.6  | 0.02          |
| 1336.2 | 0.18 | 245.35 | 1336.21 | 4.54       | -5.86      | 4.5  | 0.03          |
| 1430.8 | 0.26 | 65.46  | 1430.79 | 4.56       | -5.8       | 4.5  | 0.47          |
| 1525.4 | 0.66 | 11.71  | 1525.37 | 5.19       | -5.49      | 5.1  | 0.58          |
| 1620   | 0.72 | 0.81   | 1619.94 | 6.31       | -5.37      | 6.3  | 0.15          |
| 1714.6 | 0.71 | 6.85   | 1714.52 | 7.48       | -5.3       | 7.4  | 0.08          |
| 1809.1 | 0.86 | 22.41  | 1809.09 | 8.72       | -4.96      | 8.7  | 0.27          |
| 1903.7 | 1    | 23.51  | 1903.65 | 10.13      | -4.36      | 10.1 | 0.16          |
| 1998.3 | 1.26 | 39.49  | 1998.22 | 11.7       | -3.36      | 11.7 | 0.43          |
| 2092.9 | 1.53 | 37.45  | 2092.77 | 13.5       | -1.94      | 13.5 | 0.28          |
| 2187.5 | 2.04 | 47.75  | 2187.3  | 15.63      | 0.08       | 15.6 | 0.64          |
| 2282   | 2.32 | 57.07  | 2281.81 | 17.81      | 2.93       | 17.8 | 0.48          |
| 2376.6 | 2.81 | 64.4   | 2376.3  | 19.85      | 6.64       | 19.9 | 0.62          |
| 2471.2 | 2.93 | 67.82  | 2470.76 | 21.77      | 10.97      | 21.8 | 0.22          |
| 2565.8 | 2.62 | 72.9   | 2565.23 | 23.32      | 15.27      | 23.4 | 0.42          |
| 2660.4 | 2.22 | 69.4   | 2659.72 | 24.6       | 19.05      | 24.7 | 0.46          |
| 2754.9 | 1.55 | 69.9   | 2754.25 | 25.68      | 21.97      | 25.8 | 0.7           |
| 2849.5 | 1.21 | 71.13  | 2848.81 | 26.44      | 24.11      | 26.6 | 0.36          |
| 2944.1 | 1.03 | 70.57  | 2943.37 | 27.05      | 25.86      | 27.2 | 0.19          |
| 3038.7 | 0.77 | 62.92  | 3037.94 | 27.62      | 27.22      | 27.8 | 0.3           |
| 3133.3 | 0.64 | 61.22  | 3132.51 | 28.16      | 28.26      | 28.4 | 0.13          |
| 3227.8 | 0.68 | 60.02  | 3227.08 | 28.7       | 29.21      | 28.9 | 0.04          |
| 3322.4 | 0.75 | 53.86  | 3321.65 | 29.34      | 30.19      | 29.6 | 0.11          |
| 3417   | 0.65 | 53.17  | 3416.23 | 30.03      | 31.12      | 30.3 | 0.1           |
| 3511.6 | 0.51 | 56.77  | 3510.8  | 30.59      | 31.91      | 30.8 | 0.15          |
| 3606.2 | 0.52 | 47.88  | 3605.38 | 31.11      | 32.58      | 31.3 | 0.09          |
| 3700.7 | 0.5  | 44.96  | 3699.96 | 31.69      | 33.2       | 31.9 | 0.03          |
| 3795.3 | 0.46 | 41.83  | 3794.53 | 32.27      | 33.74      | 32.5 | 0.05          |
| 3889.9 | 0.48 | 28.81  | 3889.11 | 32.9       | 34.19      | 33.1 | 0.12          |
| 3984.5 | 0.63 | 26.89  | 3983.68 | 33.72      | 34.62      | 34   | 0.16          |
| 4079.1 | 0.72 | 26.18  | 4078.26 | 34.72      | 35.11      | 35   | 0.1           |
| 4173.6 | 0.86 | 25.54  | 4172.83 | 35.89      | 35.68      | 36.1 | 0.14          |
| 4268.2 | 0.73 | 24.17  | 4267.4  | 37.08      | 36.23      | 37.3 | 0.13          |

Accepted for record  
MMOCD

|        |      |        |         |        |       |       |      |
|--------|------|--------|---------|--------|-------|-------|------|
| 4362.8 | 0.74 | 14.93  | 4361.97 | 38.22  | 36.64 | 38.5  | 0.13 |
| 4457.4 | 0.85 | 8.68   | 4456.54 | 39.51  | 36.9  | 39.8  | 0.14 |
| 4552   | 0.89 | 9.37   | 4551.11 | 40.93  | 37.13 | 41.2  | 0.05 |
| 4646.5 | 1.03 | 0.86   | 4645.68 | 42.5   | 37.26 | 42.8  | 0.21 |
| 4741.1 | 0.86 | 359.43 | 4740.25 | 44.06  | 37.27 | 44.3  | 0.18 |
| 4835.7 | 0.79 | 357.77 | 4834.82 | 45.42  | 37.23 | 45.7  | 0.07 |
| 4930.3 | 0.81 | 358.03 | 4929.39 | 46.75  | 37.19 | 47    | 0.02 |
| 5024.9 | 0.88 | 12.12  | 5023.96 | 48.13  | 37.32 | 48.4  | 0.23 |
| 5119.4 | 1.23 | 24.39  | 5118.52 | 49.77  | 37.89 | 50    | 0.43 |
| 5214   | 1.21 | 23.93  | 5213.08 | 51.6   | 38.71 | 51.9  | 0.02 |
| 5308.6 | 1.18 | 26.94  | 5307.64 | 53.38  | 39.56 | 53.7  | 0.07 |
| 5403.2 | 1.18 | 26.87  | 5402.2  | 55.12  | 40.44 | 55.4  | 0    |
| 5497.8 | 1.16 | 30.52  | 5496.76 | 56.82  | 41.37 | 57.1  | 0.08 |
| 5592.3 | 1.14 | 33.81  | 5591.32 | 58.43  | 42.38 | 58.7  | 0.07 |
| 5686.9 | 0.95 | 32.58  | 5685.88 | 59.87  | 43.32 | 60.2  | 0.21 |
| 5781.5 | 0.94 | 36.77  | 5780.45 | 61.15  | 44.21 | 61.5  | 0.07 |
| 5876.1 | 0.93 | 39.52  | 5875.02 | 62.37  | 45.16 | 62.7  | 0.05 |
| 5970.7 | 0.89 | 38.52  | 5969.59 | 63.54  | 46.11 | 63.9  | 0.05 |
| 6065.2 | 0.88 | 35.76  | 6064.15 | 64.7   | 47    | 65    | 0.05 |
| 6159.8 | 0.94 | 35.88  | 6158.72 | 65.92  | 47.87 | 66.3  | 0.07 |
| 6254.4 | 1.15 | 37.4   | 6253.29 | 67.31  | 48.91 | 67.7  | 0.23 |
| 6349   | 1.16 | 37.36  | 6347.85 | 68.82  | 50.07 | 69.2  | 0.01 |
| 6443.6 | 1.31 | 44.76  | 6442.41 | 70.36  | 51.41 | 70.7  | 0.23 |
| 6538.1 | 1.4  | 48.6   | 6536.96 | 71.89  | 53.05 | 72.3  | 0.13 |
| 6632.7 | 1.4  | 37.6   | 6631.51 | 73.58  | 54.62 | 74    | 0.28 |
| 6727.3 | 1.39 | 23.7   | 6726.06 | 75.55  | 55.79 | 75.9  | 0.36 |
| 6821.9 | 1.52 | 15.27  | 6820.61 | 77.81  | 56.58 | 78.2  | 0.27 |
| 6916.5 | 1.55 | 13.8   | 6915.16 | 80.27  | 57.22 | 80.7  | 0.05 |
| 7011   | 1.67 | 7.5    | 7009.7  | 82.88  | 57.71 | 83.3  | 0.22 |
| 7105.6 | 1.81 | 2.54   | 7104.24 | 85.75  | 57.95 | 86.2  | 0.22 |
| 7200.2 | 1.9  | 1.51   | 7198.77 | 88.81  | 58.06 | 89.2  | 0.1  |
| 7294.8 | 1.87 | 6.65   | 7293.3  | 91.91  | 58.28 | 92.3  | 0.18 |
| 7389.4 | 1.64 | 17.8   | 7387.83 | 94.73  | 58.87 | 95.2  | 0.43 |
| 7483.9 | 1.26 | 14.15  | 7482.38 | 97.03  | 59.54 | 97.5  | 0.42 |
| 7578.5 | 1.09 | 3.43   | 7576.94 | 98.93  | 59.85 | 99.4  | 0.29 |
| 7673.1 | 1.3  | 354    | 7671.5  | 100.89 | 59.79 | 101.3 | 0.3  |
| 7767.7 | 1.56 | 339.22 | 7766.05 | 103.16 | 59.22 | 103.6 | 0.48 |
| 7862.3 | 1.6  | 339.27 | 7860.6  | 105.6  | 58.3  | 106   | 0.05 |
| 7956.8 | 1.77 | 320.12 | 7955.14 | 107.95 | 56.89 | 108.4 | 0.62 |
| 8051.4 | 1    | 334.89 | 8049.69 | 109.82 | 55.61 | 110.2 | 0.89 |
| 8146   | 0.81 | 351.95 | 8144.26 | 111.23 | 55.16 | 111.6 | 0.35 |