

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs  
HOBBS OCD

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

NOV 21 2013

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

RECEIVED

|                                                                                                                                  |                                                       |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |                                                       | 5. Lease Serial No.<br>NMLC061863A                        |
| 2. Name of Operator<br>DEVON ENERGY PRODUCTION CO LP<br>Contact: TRINA C COUCH<br>Email: trina.couch@devn.com                    |                                                       | 6. If Indian, Allottee or Tribe Name                      |
| 3a. Address<br>333 WEST SHERIDAN AVE<br>OKLAHOMA CITY, OK 73102                                                                  | 3b. Phone No. (include area code)<br>Ph: 405-228-7203 | 7. If Unit or CA/Agreement, Name and/or No.               |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 6 T25S R32E SWSE 200FSL 2370FEL                    |                                                       | 8. Well Name and No.<br>TRIONYX 6 FEDERAL 4H              |
|                                                                                                                                  |                                                       | 9. API Well No.<br>30-025-40044-00-X1                     |
|                                                                                                                                  |                                                       | 10. Field and Pool, or Exploratory<br>WC-025 G06 S253206M |
|                                                                                                                                  |                                                       | 11. County or Parish, and State<br>LEA COUNTY, NM         |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |                                           |                                                    |                                           |
|------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Change to Original A                      |
|                                                      | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | PD                                        |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company respectfully requests to change the BHL for the approved subject well

FROM: 330' FNL & 2325' FWL Sec. 6-25S-32E

TO: 330' FNL & 2285' FWL Sec. 6-25S-31E

Please see the attached plat reflecting these changes, thank you.

|                                                                                                                                                                                                                                                                                                 |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #225895 verified by the BLM Well Information System<br/>For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs<br/>Committed to AFMSS for processing by JOHNNY DICKERSON on 11/07/2013 (14JLD0747SE)</b> |                            |
| Name (Printed/Typed) TRINA C COUCH                                                                                                                                                                                                                                                              | Title REGULATORY ASSOCIATE |
| Signature (Electronic Submission)                                                                                                                                                                                                                                                               | Date 11/06/2013            |
| <b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>                                                                                                                                                                                                                                               |                            |
| Approved By CHRISTOPHER WALLS                                                                                                                                                                                                                                                                   | Title PETROLEUM ENGINEER   |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.                                       |                            |
| Office Hobbs                                                                                                                                                                                                                                                                                    |                            |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.      |                            |

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

DEC 02 2013

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-6162

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-8770

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6179

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                       |                                                                            |                                         |
|---------------------------------------|----------------------------------------------------------------------------|-----------------------------------------|
| <sup>1</sup> API Number               | <sup>2</sup> Pool Code                                                     | <sup>3</sup> Pool Name                  |
| <sup>4</sup> Property Code            | <sup>5</sup> Property Name<br><b>TRIONYX "6" FED</b>                       | <sup>6</sup> Well Number<br><b>4H</b>   |
| <sup>7</sup> OGRID No.<br><b>6137</b> | <sup>8</sup> Operator Name<br><b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b> | <sup>9</sup> Elevation<br><b>3446.6</b> |

<sup>10</sup> Surface Location

| UL or lot no. | Section  | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>N</b>      | <b>6</b> | <b>25 S</b> | <b>32 E</b> |         | <b>200</b>    | <b>SOUTH</b>     | <b>2370</b>   | <b>WEST</b>    | <b>LEA</b> |

<sup>11</sup> 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     |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>3</b>      | <b>6</b> | <b>25 S</b> | <b>32 E</b> |         | <b>330</b>    | <b>NORTH</b>     | <b>2285</b>   | <b>WEST</b>    | <b>LEA</b> |

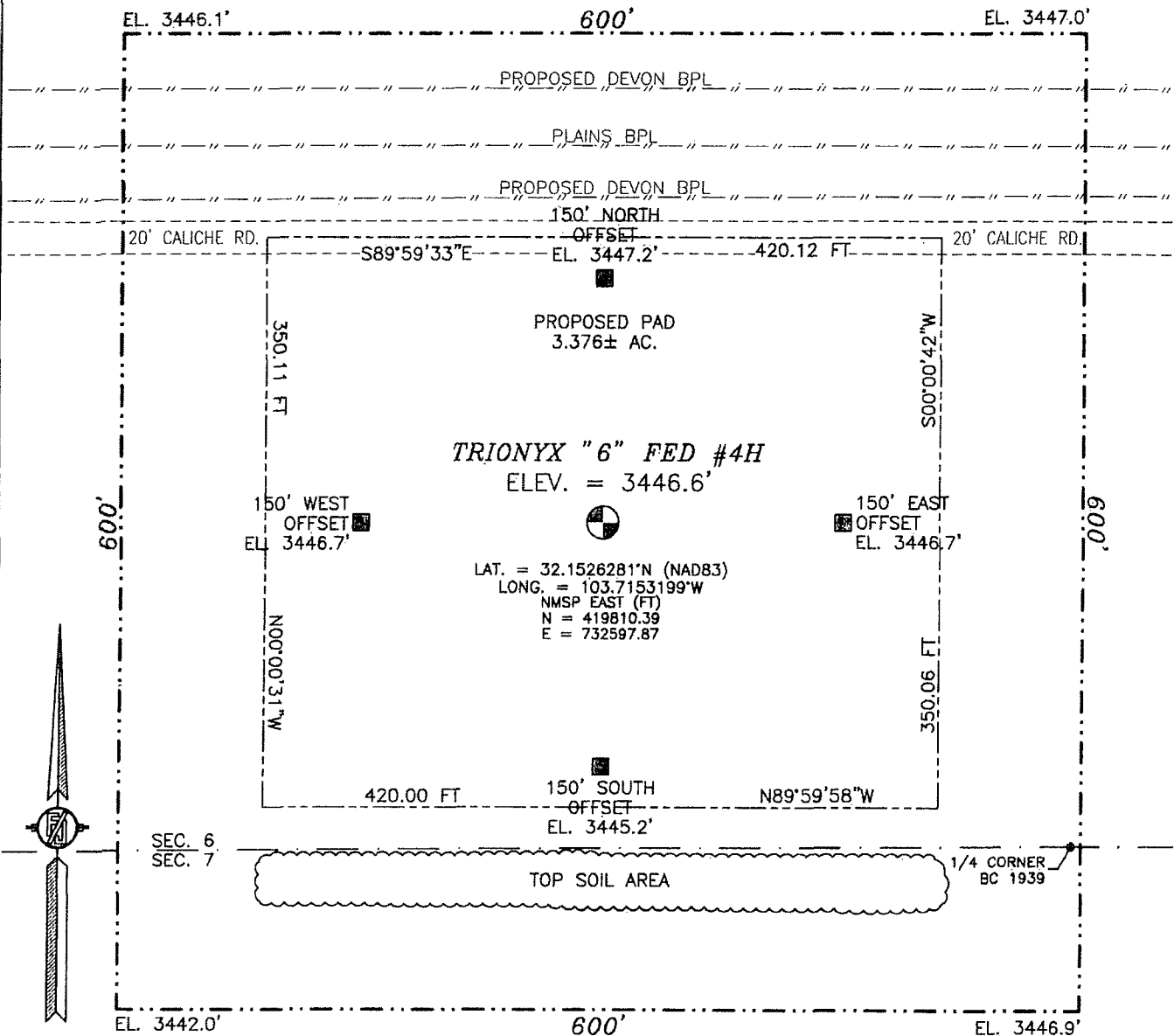
|                               |                               |                                  |                         |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>N89°37'30"E 2637.93 FT</p> <p>N89°21'34"E 2659.09 FT</p> <p>TOE TARGET</p> <p>LOT 4</p> <p>NW CORNER SEC. 6<br/>LAT. = 32.1665814°N<br/>LONG. = 103.7229569°W<br/>NMSP EAST (FT)<br/>N = 424872.91<br/>E = 730205.58</p> <p>LOT 5</p> <p>W/4 CORNER SEC. 6<br/>SCALED</p> <p>LOT 6</p> <p>SW CORNER SEC. 6<br/>LAT. = 32.1520816°N<br/>LONG. = 103.7229769°W<br/>NMSP EAST (FT)<br/>N = 419598.07<br/>E = 730229.30</p> <p>LOT 7</p> <p>S89°42'07"W 2662.90 FT</p>                        |  | <p>330'</p> <p>TOE TARGET</p> <p>LOT 3<br/>40.04± AC. (SVY)</p> <p>TOE TARGET</p> <p>LAT. = 32.1656730°N<br/>LONG. = 103.7155698°W<br/>NMSP EAST (FT)<br/>N = 424555.50<br/>E = 732493.29</p> <p>LOT 2</p> <p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.</p> <p>HEAL TARGET</p> <p>LAT. = 32.1542770°N<br/>LONG. = 103.7155114°W<br/>NMSP EAST (FT)<br/>N = 420409.91<br/>E = 732535.17</p> <p>LOT 1</p> <p>NE CORNER SEC. 6<br/>LAT. = 32.1666208°N<br/>LONG. = 103.7058427°W<br/>NMSP EAST (FT)<br/>N = 424919.89<br/>E = 735501.22</p> <p>E/4 CORNER SEC. 6<br/>SCALED</p> <p>2310'</p> <p>2370'</p> <p>S89°35'57"W 2660.68 FT</p> |  | <p><b>17 OPERATOR CERTIFICATION</b><br/>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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this 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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |  |
| <p>TRIONYX "6" FED #4H<br/>ELEV. = 3446.6'</p> <p>LAT. = 32.1526281°N (NAD83)<br/>LONG. = 103.7153199°W<br/>NMSP EAST (FT)<br/>N = 419810.39<br/>E = 732597.87</p> <p>HEAL TARGET</p> <p>S/4 CORNER SEC. 6<br/>LAT. = 32.1520779°N<br/>LONG. = 103.7143746°W<br/>NMSP EAST (FT)<br/>N = 419611.92<br/>E = 732891.58</p> <p>SE CORNER SEC. 6<br/>LAT. = 32.1520868°N<br/>LONG. = 103.7057795°W<br/>NMSP EAST (FT)<br/>N = 419630.53<br/>E = 735551.61</p> <p>SURFACE LOCATION</p> <p>800'</p> |  | <p><b>18 SURVEYOR CERTIFICATION</b><br/>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>NOVEMBER 4, 2011</p> <p>Date of Survey</p> <p>Signature and Seal of Registered Surveyor: </p> <p>Certificate Number: <b>FILIMON F. JARAMILLO, PLS 12797</b></p> <p>SURVEY NO. 192B</p>                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.



0 10 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM STATE HWY. 128 AND CR#1 (ORLA ROAD) GO SOUTH ON CR. #1 6.2 MILES, TURN RIGHT ON CALICHE ROAD (MONSANTO RD.) AND GO WEST 2.2 MILES, TURN RIGHT AND GO NORTH 0.75 MILES, TURN LEFT AND GO WEST 2.0 MILES, TURN RIGHT AND GO NORTH 1.2 MILES, TURN RIGHT AND GO EAST 1.45 MILES AND LOCATION IS ON THE RIGHT (SOUTH) 175'.

DEVON ENERGY PRODUCTION COMPANY, L.P.

**TRIONYX "6" FED #4H**

LOCATED 200 FT. FROM THE SOUTH LINE

AND 2370 FT. FROM THE WEST LINE OF

SECTION 6, TOWNSHIP 25 SOUTH,

RANGE 32 EAST, N.M.P.M.

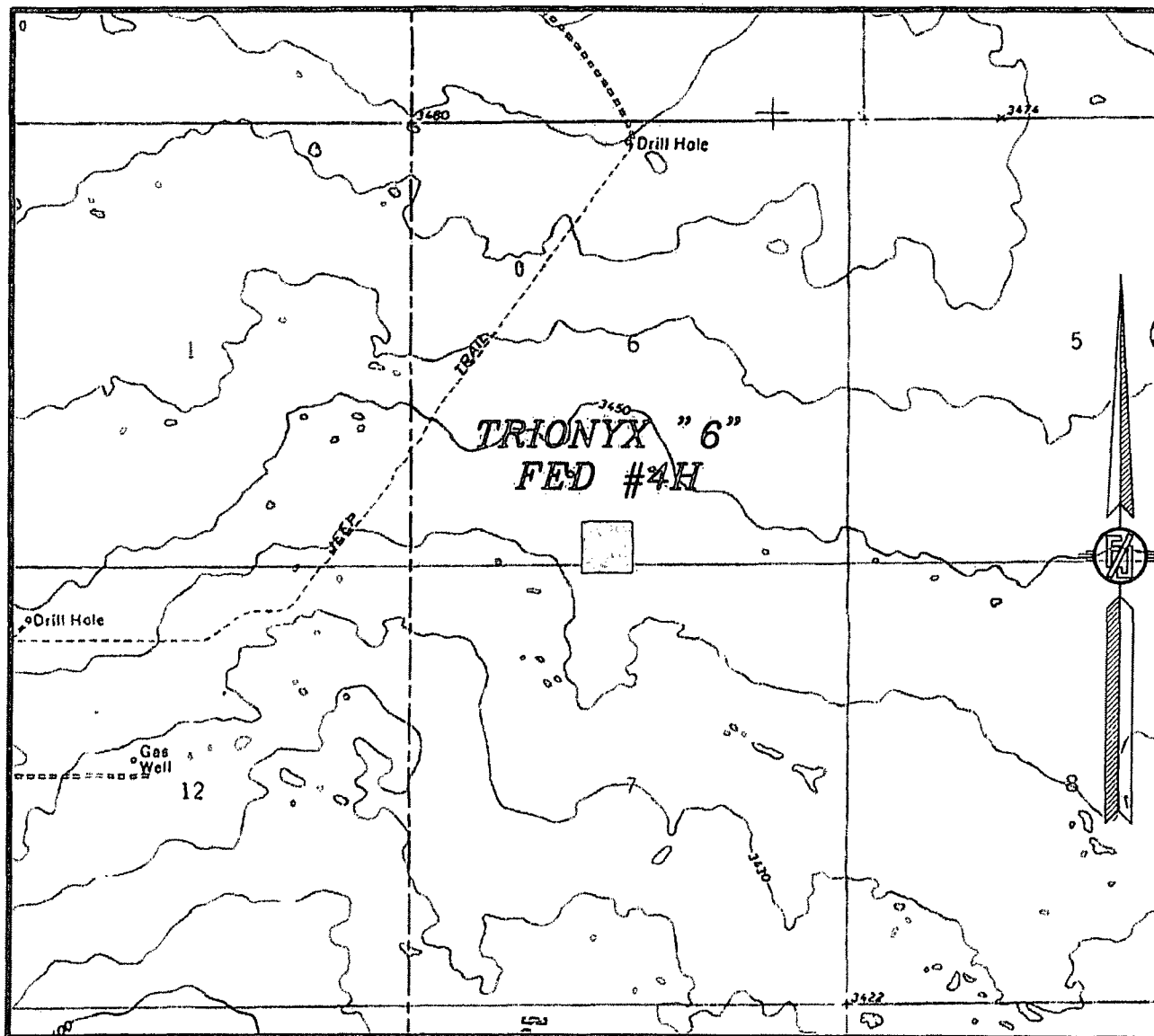
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 4, 2013

SURVEY NO. 192B

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
PADUCA BREAKS NW

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

**TRIONYX "6" FED #4H**

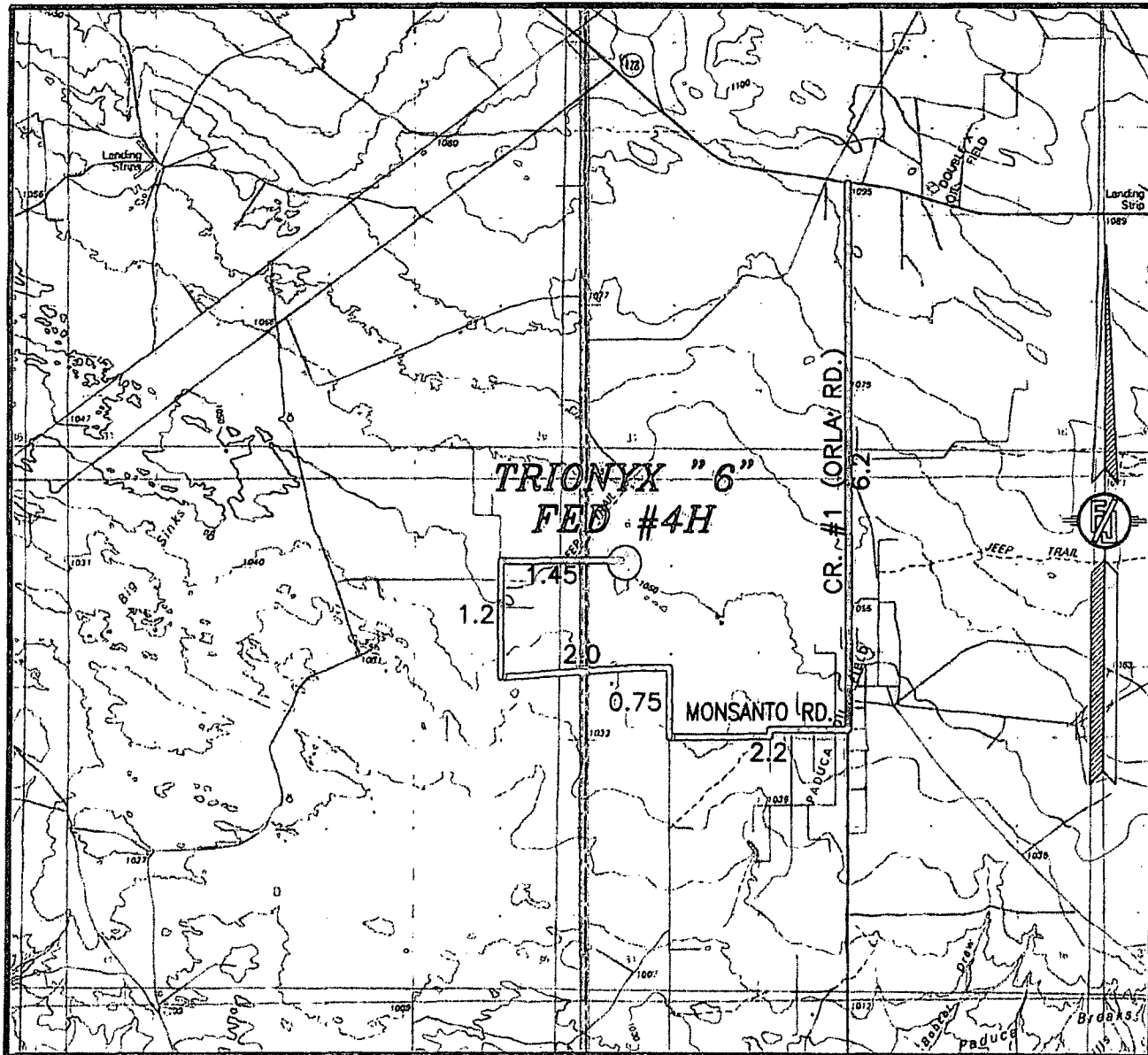
LOCATED 200 FT. FROM THE SOUTH LINE  
AND 2370 FT. FROM THE WEST LINE OF  
SECTION 6, TOWNSHIP 25 SOUTH,  
RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 4, 2013

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 192B

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

TRIONYX "6" FED #4H

LOCATED 200 FT. FROM THE SOUTH LINE  
AND 2370 FT. FROM THE WEST LINE OF  
SECTION 6, TOWNSHIP 25 SOUTH,  
RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 4, 2013

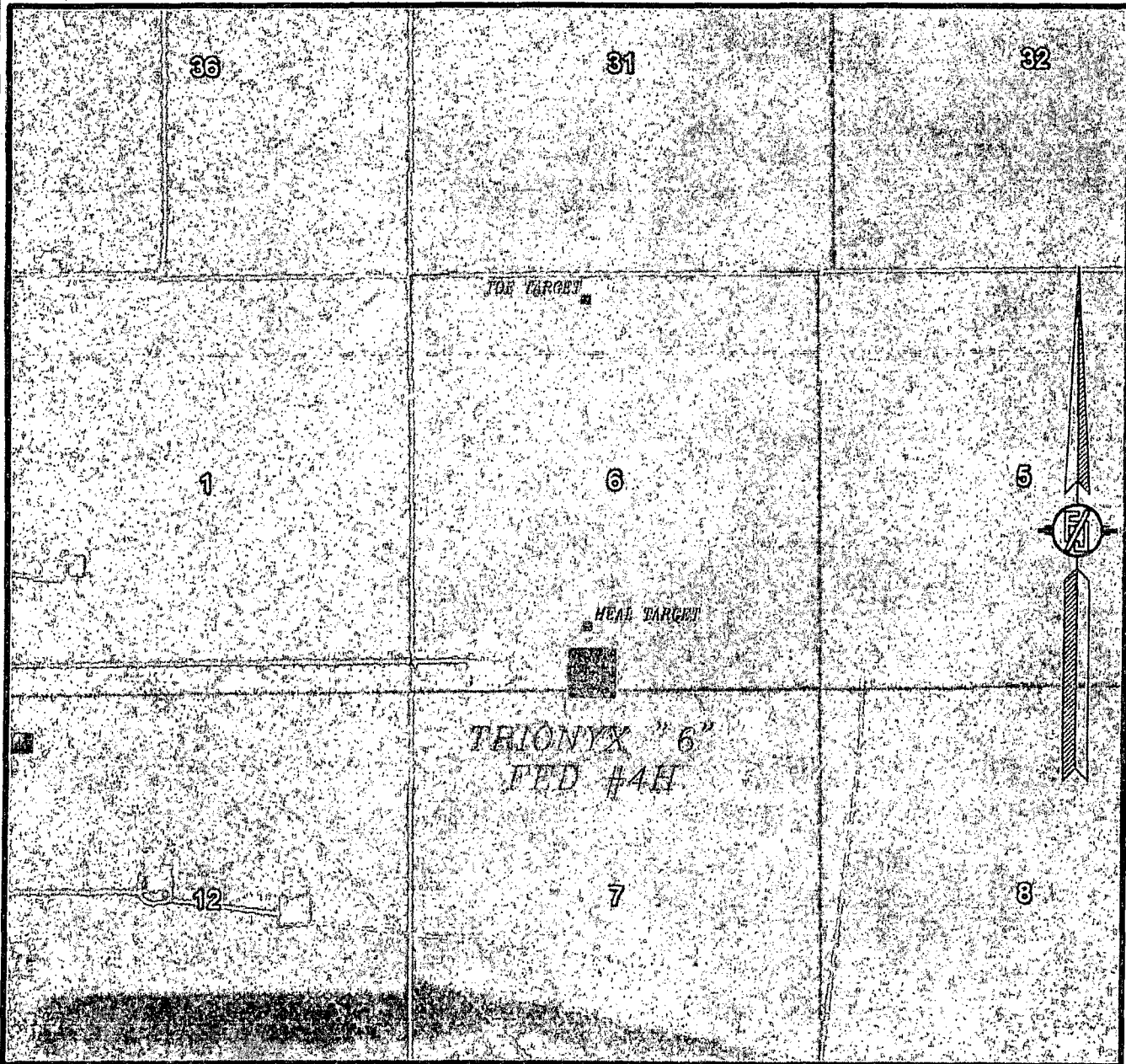
DIRECTIONS TO LOCATION

FROM STATE HWY. 128 AND CR#1 (ORLA ROAD) GO SOUTH ON  
CR. #1 6.2 MILES, TURN RIGHT ON CALICHE ROAD (MONSANTO  
RD.) AND GO WEST 2.2 MILES, TURN RIGHT AND GO NORTH 0.75  
MILES, TURN LEFT AND GO WEST 2.0 MILES, TURN RIGHT AND GO  
NORTH 1.2 MILES, TURN RIGHT AND GO EAST 1.45 MILES AND  
LOCATION IS ON THE RIGHT (SOUTH) 175'.

SURVEY NO. 192B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.

TRIONYX "6" FED #4H

LOCATED 200 FT. FROM THE SOUTH LINE  
AND 2370 FT. FROM THE WEST LINE OF  
SECTION 6, TOWNSHIP 25 SOUTH,  
RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 4, 2013

SURVEY NO. 192B

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

# DEVON ENERGY

Project: Lea County, NM (NAD-83)  
Site: Trionyx "6" Fed  
Well: 4H  
Wellbore: OH  
Design: Plan #2



Azimuths to Grid North  
True North: -0.33°  
Magnetic North: 7.08°

Magnetic Field  
Strength: 48366.1snT  
Dip Angle: 60.05°  
Date: 05/14/2013  
Model: IGRF2010

devon

## DESIGN TARGET DETAILS

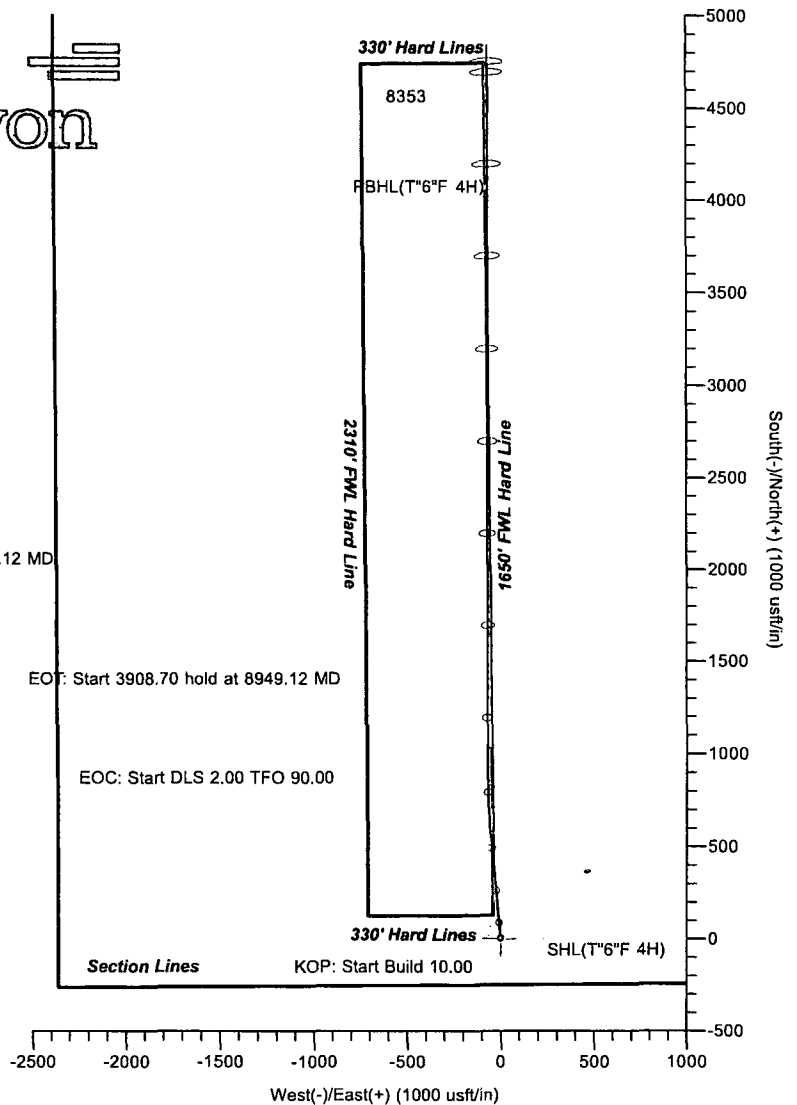
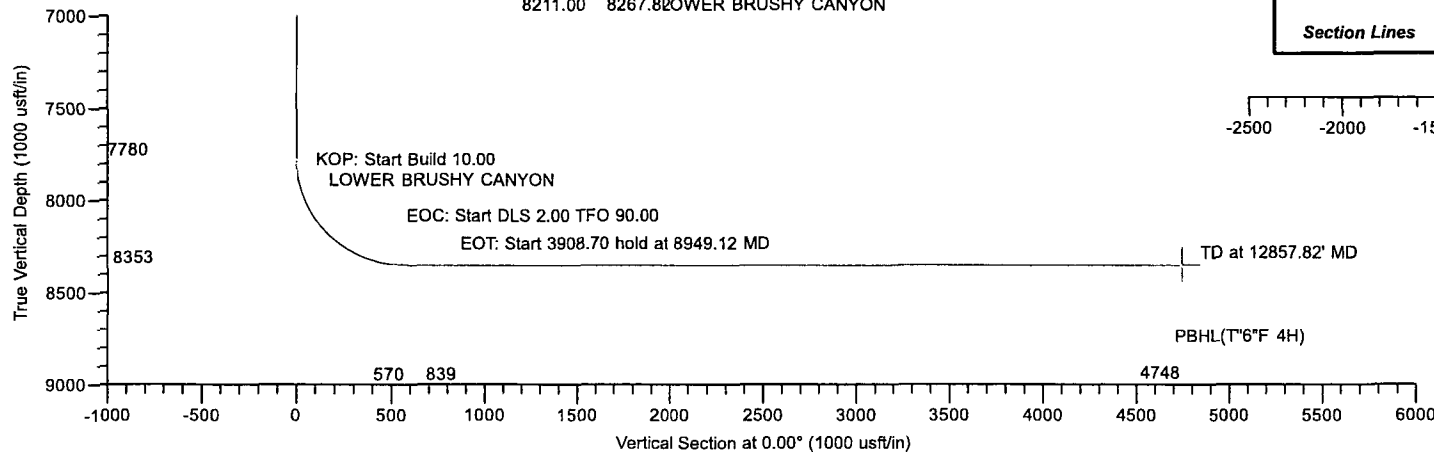
| Name           | TVD     | +N/-S   | +E/-W  | Northing  | Easting   | Latitude        | Longitude         |
|----------------|---------|---------|--------|-----------|-----------|-----------------|-------------------|
| SHL(T"6"F 4H)  | 2.00    | 0.00    | 0.00   | 419810.39 | 732597.87 | 32° 9' 9.461 N  | 103° 42' 55.152 W |
| SHL(T"6"F 6H)  | 3.00    | -47.22  | 700.21 | 419763.17 | 733298.08 | 32° 9' 8.954 N  | 103° 42' 47.010 W |
| PBHL(T"6"F 4H) | 8353.00 | 4747.81 | -66.36 | 424558.20 | 732531.51 | 32° 9' 56.447 N | 103° 42' 55.607 W |

## SECTION DETAILS

| Sec | MD       | Inc   | Azi    | TVD     | +N/-S   | +E/-W  | Dleg  | TFace  | Vsect   | Annotation                            |
|-----|----------|-------|--------|---------|---------|--------|-------|--------|---------|---------------------------------------|
| 1   | 0.00     | 0.00  | 0.00   | 0.00    | 0.00    | 0.00   | 0.00  | 0.00   | 0.00    |                                       |
| 2   | 7780.04  | 0.00  | 0.00   | 7780.04 | 0.00    | 0.00   | 0.00  | 0.00   | 0.00    | KOP: Start Build 10.00                |
| 3   | 8680.04  | 90.00 | 354.62 | 8353.00 | 570.43  | -53.74 | 10.00 | 354.62 | 570.43  | EOC: Start DLS 2.00 TFO 90.00         |
| 4   | 8949.12  | 90.00 | 0.00   | 8353.00 | 839.11  | -66.36 | 2.00  | 90.00  | 839.11  | EOT: Start 3908.70 hold at 8949.12 MD |
| 5   | 12857.82 | 90.00 | 0.00   | 8353.00 | 4747.81 | -66.36 | 0.00  | 0.00   | 4747.81 | TD at 12857.82' MD                    |

## FORMATION TOP DETAILS

| TVDPath | MDPath  | Formation           |
|---------|---------|---------------------|
| 53.00   | 53.00   | QUATERNARY          |
| 773.00  | 773.00  | RUSTLER DOL.        |
| 1092.00 | 1092.00 | SALADO SALT         |
| 1181.00 | 1181.00 | TOP OF SALT         |
| 4310.00 | 4310.00 | BASE OF SALT        |
| 4552.00 | 4552.00 | DELAWARE            |
| 4589.00 | 4589.00 | BELL CANYON         |
| 5499.00 | 5499.00 | CHERRY CANYON       |
| 6817.00 | 6817.00 | BRUSHY CANYON       |
| 8211.00 | 8267.82 | LOWER BRUSHY CANYON |



LEAM DRILLING SYSTEMS LLC  
2010 East Davis, Conroe, Texas 77301  
Phone: 936/756-7577. Fax 936/756-7595

Plan: Plan #2 (4H/OH)  
Trionyx "6" Fed  
Created By: Tyler Carlson Date: 14:25, May 15 2013  
Date: \_\_\_\_\_

# LEAM Drilling Systems LLC

## Planning Report

NOV 21 2013

|           |                           |                              |                                           |
|-----------|---------------------------|------------------------------|-------------------------------------------|
| Database: | EDM 5000.1 Single User.Db | Local Co-ordinate Reference: | Well 4H                                   |
| Company:  | DEVON ENERGY              | TVD Reference:               | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Project:  | Lea County, NM (NAD-83)   | MD Reference:                | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Site:     | Trionyx "6" Fed           | North Reference:             | Grid                                      |
| Well:     | 4H                        | Survey Calculation Method:   | Minimum Curvature                         |
| Wellbore: | OH                        |                              |                                           |
| Design:   | Plan #2                   |                              |                                           |

RECEIVED

|             |                           |               |                |
|-------------|---------------------------|---------------|----------------|
| Project:    | Lea County, NM (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:                 | Trionyx "6" Fed |                   |                   |
| Site Position:        |                 | Northing:         | 419,774.49 usft   |
| From:                 | Map             | Easting:          | 734,923.10 usft   |
| Position Uncertainty: | 0.00 usft       | Slot Radius:      | 13-3/16 "         |
|                       |                 | Latitude:         | 32° 9' 8.973 N    |
|                       |                 | Longitude:        | 103° 42' 28.107 W |
|                       |                 | Grid Convergence: | 0.33 °            |

|                      |           |                     |               |
|----------------------|-----------|---------------------|---------------|
| Well:                | 4H        |                     |               |
| Well Position        | +N/-S     | 35.90 usft          | Northing:     |
|                      | +E/-W     | -2,325.23 usft      | Easting:      |
| Position Uncertainty | 0.00 usft | Wellhead Elevation: | Ground Level: |
|                      |           |                     | 3,445.00 usft |

|           |            |             |             |
|-----------|------------|-------------|-------------|
| Wellbore: | OH         |             |             |
| Magnetics | Model Name | Sample Date | Declination |
|           |            |             | (°)         |
|           | IGRF2010   | 05/14/13    | 7.41        |
|           |            |             | 60.05       |
|           |            |             | 48,366      |

|                   |                  |        |               |
|-------------------|------------------|--------|---------------|
| Design:           | Plan #2          |        |               |
| Audit Notes:      |                  |        |               |
| Version:          | Phase:           | PLAN   | Tie On Depth: |
|                   |                  |        | 0.00          |
| Vertical Section: | Depth From (TVD) | +N/-S  | +E/-W         |
|                   | (usft)           | (usft) | (usft)        |
|                   | 0.00             | 0.00   | 0.00          |
|                   |                  |        | 0.00          |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |                |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|----------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target         |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                |
| 7,780.04              | 0.00            | 0.00        | 7,780.04              | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                |
| 8,680.04              | 90.00           | 354.62      | 8,353.00              | 570.43       | -53.74       | 10.00                   | 10.00                  | 0.00                  | 354.62  |                |
| 8,949.12              | 90.00           | 0.00        | 8,353.00              | 839.11       | -66.36       | 2.00                    | 0.00                   | 2.00                  | 90.00   |                |
| 12,857.82             | 90.00           | 0.00        | 8,353.00              | 4,747.81     | -66.36       | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL(T"6"F 4H) |



# LEAM Drilling Systems LLC

## Planning Report

|           |                           |                              |                                           |
|-----------|---------------------------|------------------------------|-------------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well 4H                                   |
| Company:  | DEVON ENERGY              | TVD Reference:               | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Project:  | Lea County, NM. (NAD-83)  | MD Reference:                | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Site:     | Trionyx "6" Fed           | North Reference:             | Grid                                      |
| Well:     | 4H                        | Survey Calculation Method:   | Minimum Curvature                         |
| Wellbore: | OH                        |                              |                                           |
| Design:   | Plan #2                   |                              |                                           |

### Planned Survey

| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 0.00                        | 0.00               | 0.00           | 0.00                        | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 53.00                       | 0.00               | 0.00           | 53.00                       | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>QUATERNARY</b>           |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 100.00                      | 0.00               | 0.00           | 100.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 200.00                      | 0.00               | 0.00           | 200.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 300.00                      | 0.00               | 0.00           | 300.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 400.00                      | 0.00               | 0.00           | 400.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 500.00                      | 0.00               | 0.00           | 500.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 600.00                      | 0.00               | 0.00           | 600.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 700.00                      | 0.00               | 0.00           | 700.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 773.00                      | 0.00               | 0.00           | 773.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>RUSTLER DOL.</b>         |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 800.00                      | 0.00               | 0.00           | 800.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 900.00                      | 0.00               | 0.00           | 900.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,000.00                    | 0.00               | 0.00           | 1,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,092.00                    | 0.00               | 0.00           | 1,092.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>SALADO SALT</b>          |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 1,100.00                    | 0.00               | 0.00           | 1,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,181.00                    | 0.00               | 0.00           | 1,181.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>TOP OF SALT</b>          |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 1,200.00                    | 0.00               | 0.00           | 1,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,300.00                    | 0.00               | 0.00           | 1,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,400.00                    | 0.00               | 0.00           | 1,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,500.00                    | 0.00               | 0.00           | 1,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,600.00                    | 0.00               | 0.00           | 1,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,700.00                    | 0.00               | 0.00           | 1,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,800.00                    | 0.00               | 0.00           | 1,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,900.00                    | 0.00               | 0.00           | 1,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,000.00                    | 0.00               | 0.00           | 2,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,100.00                    | 0.00               | 0.00           | 2,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,200.00                    | 0.00               | 0.00           | 2,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,300.00                    | 0.00               | 0.00           | 2,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,400.00                    | 0.00               | 0.00           | 2,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,500.00                    | 0.00               | 0.00           | 2,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,600.00                    | 0.00               | 0.00           | 2,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,700.00                    | 0.00               | 0.00           | 2,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,800.00                    | 0.00               | 0.00           | 2,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,900.00                    | 0.00               | 0.00           | 2,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,000.00                    | 0.00               | 0.00           | 3,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,100.00                    | 0.00               | 0.00           | 3,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,200.00                    | 0.00               | 0.00           | 3,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,300.00                    | 0.00               | 0.00           | 3,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,400.00                    | 0.00               | 0.00           | 3,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,500.00                    | 0.00               | 0.00           | 3,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,600.00                    | 0.00               | 0.00           | 3,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,700.00                    | 0.00               | 0.00           | 3,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,800.00                    | 0.00               | 0.00           | 3,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,900.00                    | 0.00               | 0.00           | 3,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 4,000.00                    | 0.00               | 0.00           | 4,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 4,100.00                    | 0.00               | 0.00           | 4,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 4,200.00                    | 0.00               | 0.00           | 4,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 4,300.00                    | 0.00               | 0.00           | 4,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 4,310.00                    | 0.00               | 0.00           | 4,310.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>BASE OF SALT</b>         |                    |                |                             |                 |                 |                               |                               |                              |                             |

# LEAM Drilling Systems LLC

## Planning Report

|           |                           |                              |                                           |
|-----------|---------------------------|------------------------------|-------------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well 4H                                   |
| Company:  | DEVON ENERGY              | TVD Reference:               | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Project:  | Lea County, NM (NAD-83)   | MD Reference:                | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Site:     | Trionyx "6" Fed           | North Reference:             | Grid                                      |
| Well:     | 4H                        | Survey Calculation Method:   | Minimum Curvature                         |
| Wellbore: | OH                        |                              |                                           |
| Design:   | Plan #2                   |                              |                                           |

| Planned Survey                |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
|-------------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|--|
| Measured<br>Depth<br>(usft)   | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |  |
| 4,400.00                      | 0.00               | 0.00           | 4,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 4,500.00                      | 0.00               | 0.00           | 4,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 4,552.00                      | 0.00               | 0.00           | 4,552.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| <b>DELAWARE</b>               |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
| 4,589.00                      | 0.00               | 0.00           | 4,589.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| <b>BELL CANYON</b>            |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
| 4,600.00                      | 0.00               | 0.00           | 4,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 4,700.00                      | 0.00               | 0.00           | 4,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 4,800.00                      | 0.00               | 0.00           | 4,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 4,900.00                      | 0.00               | 0.00           | 4,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,000.00                      | 0.00               | 0.00           | 5,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,100.00                      | 0.00               | 0.00           | 5,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,200.00                      | 0.00               | 0.00           | 5,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,300.00                      | 0.00               | 0.00           | 5,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,400.00                      | 0.00               | 0.00           | 5,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,499.00                      | 0.00               | 0.00           | 5,499.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| <b>CHERRY CANYON</b>          |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
| 5,500.00                      | 0.00               | 0.00           | 5,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,600.00                      | 0.00               | 0.00           | 5,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,700.00                      | 0.00               | 0.00           | 5,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,800.00                      | 0.00               | 0.00           | 5,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 5,900.00                      | 0.00               | 0.00           | 5,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,000.00                      | 0.00               | 0.00           | 6,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,100.00                      | 0.00               | 0.00           | 6,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,200.00                      | 0.00               | 0.00           | 6,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,300.00                      | 0.00               | 0.00           | 6,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,400.00                      | 0.00               | 0.00           | 6,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,500.00                      | 0.00               | 0.00           | 6,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,600.00                      | 0.00               | 0.00           | 6,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,700.00                      | 0.00               | 0.00           | 6,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,800.00                      | 0.00               | 0.00           | 6,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 6,817.00                      | 0.00               | 0.00           | 6,817.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| <b>BRUSHY CANYON</b>          |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
| 6,900.00                      | 0.00               | 0.00           | 6,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,000.00                      | 0.00               | 0.00           | 7,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,100.00                      | 0.00               | 0.00           | 7,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,200.00                      | 0.00               | 0.00           | 7,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,300.00                      | 0.00               | 0.00           | 7,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,400.00                      | 0.00               | 0.00           | 7,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,500.00                      | 0.00               | 0.00           | 7,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,600.00                      | 0.00               | 0.00           | 7,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,700.00                      | 0.00               | 0.00           | 7,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| 7,780.04                      | 0.00               | 0.00           | 7,780.04                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |  |
| <b>KOP: Start Build 10.00</b> |                    |                |                             |                 |                 |                               |                               |                              |                             |  |
| 7,800.00                      | 2.00               | 354.62         | 7,800.00                    | 0.35            | -0.03           | 0.35                          | 10.00                         | 10.00                        | 0.00                        |  |
| 7,850.00                      | 7.00               | 354.62         | 7,849.83                    | 4.25            | -0.40           | 4.25                          | 10.00                         | 10.00                        | 0.00                        |  |
| 7,900.00                      | 12.00              | 354.62         | 7,899.13                    | 12.46           | -1.17           | 12.46                         | 10.00                         | 10.00                        | 0.00                        |  |
| 7,950.00                      | 17.00              | 354.62         | 7,947.52                    | 24.91           | -2.35           | 24.91                         | 10.00                         | 10.00                        | 0.00                        |  |
| 8,000.00                      | 22.00              | 354.62         | 7,994.64                    | 41.52           | -3.91           | 41.52                         | 10.00                         | 10.00                        | 0.00                        |  |
| 8,050.00                      | 27.00              | 354.62         | 8,040.12                    | 62.15           | -5.86           | 62.15                         | 10.00                         | 10.00                        | 0.00                        |  |
| 8,100.00                      | 32.00              | 354.62         | 8,083.63                    | 86.66           | -8.16           | 86.66                         | 10.00                         | 10.00                        | 0.00                        |  |
| 8,150.00                      | 37.00              | 354.62         | 8,124.82                    | 114.84          | -10.82          | 114.84                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,200.00                      | 42.00              | 354.62         | 8,163.39                    | 146.49          | -13.80          | 146.49                        | 10.00                         | 10.00                        | 0.00                        |  |

# LEAM Drilling Systems LLC

## Planning Report

|           |                           |                              |                                           |
|-----------|---------------------------|------------------------------|-------------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well 4H                                   |
| Company:  | DEVON ENERGY              | TVD Reference:               | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Project:  | Lea County, NM (NAD-83)   | MD Reference:                | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Site:     | Trionyx "6" Fed           | North Reference:             | Grid                                      |
| Well:     | 4H                        | Survey Calculation Method:   | Minimum Curvature                         |
| Wellbore: | OH                        |                              |                                           |
| Design:   | Plan #2                   |                              |                                           |

| Planned Survey                        |                    |                |                             |                |                |                               |                               |                              |                             |  |
|---------------------------------------|--------------------|----------------|-----------------------------|----------------|----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|--|
| Measured<br>Depth<br>(usft)           | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N-S<br>(usft) | +E-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |  |
| 8,250.00                              | 47.00              | 354.62         | 8,199.05                    | 181.37         | -17.09         | 181.37                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,267.82                              | 48.78              | 354.62         | 8,211.00                    | 194.53         | -18.33         | 194.53                        | 10.00                         | 10.00                        | 0.00                        |  |
| LOWER BRUSHY CANYON                   |                    |                |                             |                |                |                               |                               |                              |                             |  |
| 8,300.00                              | 52.00              | 354.62         | 8,231.51                    | 219.21         | -20.65         | 219.21                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,350.00                              | 57.00              | 354.62         | 8,260.54                    | 259.72         | -24.47         | 259.72                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,400.00                              | 62.00              | 354.62         | 8,285.91                    | 302.59         | -28.50         | 302.59                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,450.00                              | 67.00              | 354.62         | 8,307.44                    | 347.51         | -32.74         | 347.51                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,500.00                              | 72.00              | 354.62         | 8,324.94                    | 394.12         | -37.13         | 394.12                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,550.00                              | 77.00              | 354.62         | 8,338.31                    | 442.07         | -41.64         | 442.07                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,600.00                              | 82.00              | 354.62         | 8,347.42                    | 491.00         | -46.25         | 491.00                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,650.00                              | 87.00              | 354.62         | 8,352.21                    | 540.54         | -50.92         | 540.54                        | 10.00                         | 10.00                        | 0.00                        |  |
| 8,680.04                              | 90.00              | 354.62         | 8,353.00                    | 570.43         | -53.74         | 570.43                        | 10.00                         | 10.00                        | 0.00                        |  |
| EOC: Start DLS 2.00 TFO 90.00         |                    |                |                             |                |                |                               |                               |                              |                             |  |
| 8,700.00                              | 90.00              | 355.02         | 8,353.00                    | 590.31         | -55.54         | 590.31                        | 2.00                          | 0.00                         | 2.00                        |  |
| 8,800.00                              | 90.00              | 357.02         | 8,353.00                    | 690.06         | -62.48         | 690.06                        | 2.00                          | 0.00                         | 2.00                        |  |
| 8,900.00                              | 90.00              | 359.02         | 8,353.00                    | 790.00         | -65.94         | 790.00                        | 2.00                          | 0.00                         | 2.00                        |  |
| 8,949.12                              | 90.00              | 0.00           | 8,353.00                    | 839.11         | -66.36         | 839.11                        | 2.00                          | 0.00                         | 2.00                        |  |
| EOT: Start 3908.70 hold at 8949.12 MD |                    |                |                             |                |                |                               |                               |                              |                             |  |
| 9,000.00                              | 90.00              | 0.00           | 8,353.00                    | 889.99         | -66.36         | 889.99                        | 0.00                          | 0.00                         | 0.00                        |  |
| 9,100.00                              | 90.00              | 0.00           | 8,353.00                    | 989.99         | -66.36         | 989.99                        | 0.00                          | 0.00                         | 0.00                        |  |
| 9,200.00                              | 90.00              | 0.00           | 8,353.00                    | 1,089.99       | -66.36         | 1,089.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 9,300.00                              | 90.00              | 0.00           | 8,353.00                    | 1,189.99       | -66.36         | 1,189.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 9,400.00                              | 90.00              | 0.00           | 8,353.00                    | 1,289.99       | -66.36         | 1,289.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 9,500.00                              | 90.00              | 0.00           | 8,353.00                    | 1,389.99       | -66.36         | 1,389.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 9,600.00                              | 90.00              | 0.00           | 8,353.00                    | 1,489.99       | -66.36         | 1,489.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 9,700.00                              | 90.00              | 0.00           | 8,353.00                    | 1,589.99       | -66.36         | 1,589.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 9,800.00                              | 90.00              | 0.00           | 8,353.00                    | 1,689.99       | -66.36         | 1,689.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 9,900.00                              | 90.00              | 0.00           | 8,353.00                    | 1,789.99       | -66.36         | 1,789.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,000.00                             | 90.00              | 0.00           | 8,353.00                    | 1,889.99       | -66.36         | 1,889.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,100.00                             | 90.00              | 0.00           | 8,353.00                    | 1,989.99       | -66.36         | 1,989.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,200.00                             | 90.00              | 0.00           | 8,353.00                    | 2,089.99       | -66.36         | 2,089.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,300.00                             | 90.00              | 0.00           | 8,353.00                    | 2,189.99       | -66.36         | 2,189.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,400.00                             | 90.00              | 0.00           | 8,353.00                    | 2,289.99       | -66.36         | 2,289.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,500.00                             | 90.00              | 0.00           | 8,353.00                    | 2,389.99       | -66.36         | 2,389.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,600.00                             | 90.00              | 0.00           | 8,353.00                    | 2,489.99       | -66.36         | 2,489.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,700.00                             | 90.00              | 0.00           | 8,353.00                    | 2,589.99       | -66.36         | 2,589.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,800.00                             | 90.00              | 0.00           | 8,353.00                    | 2,689.99       | -66.36         | 2,689.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 10,900.00                             | 90.00              | 0.00           | 8,353.00                    | 2,789.99       | -66.36         | 2,789.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,000.00                             | 90.00              | 0.00           | 8,353.00                    | 2,889.99       | -66.36         | 2,889.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,100.00                             | 90.00              | 0.00           | 8,353.00                    | 2,989.99       | -66.36         | 2,989.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,200.00                             | 90.00              | 0.00           | 8,353.00                    | 3,089.99       | -66.36         | 3,089.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,300.00                             | 90.00              | 0.00           | 8,353.00                    | 3,189.99       | -66.36         | 3,189.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,400.00                             | 90.00              | 0.00           | 8,353.00                    | 3,289.99       | -66.36         | 3,289.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,500.00                             | 90.00              | 0.00           | 8,353.00                    | 3,389.99       | -66.36         | 3,389.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,600.00                             | 90.00              | 0.00           | 8,353.00                    | 3,489.99       | -66.36         | 3,489.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,700.00                             | 90.00              | 0.00           | 8,353.00                    | 3,589.99       | -66.36         | 3,589.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,800.00                             | 90.00              | 0.00           | 8,353.00                    | 3,689.99       | -66.36         | 3,689.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 11,900.00                             | 90.00              | 0.00           | 8,353.00                    | 3,789.99       | -66.36         | 3,789.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 12,000.00                             | 90.00              | 0.00           | 8,353.00                    | 3,889.99       | -66.36         | 3,889.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 12,100.00                             | 90.00              | 0.00           | 8,353.00                    | 3,989.99       | -66.36         | 3,989.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 12,200.00                             | 90.00              | 0.00           | 8,353.00                    | 4,089.99       | -66.36         | 4,089.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 12,300.00                             | 90.00              | 0.00           | 8,353.00                    | 4,189.99       | -66.36         | 4,189.99                      | 0.00                          | 0.00                         | 0.00                        |  |
| 12,400.00                             | 90.00              | 0.00           | 8,353.00                    | 4,289.99       | -66.36         | 4,289.99                      | 0.00                          | 0.00                         | 0.00                        |  |

**LEAM Drilling Systems LLC**  
Planning Report

|           |                           |                              |                                           |
|-----------|---------------------------|------------------------------|-------------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well 4H                                   |
| Company:  | DEVON ENERGY              | TVD Reference:               | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Project:  | Lea County, NM (NAD-83)   | MD Reference:                | GE 3447' + 25' @ 3472.00usft (Cactus 105) |
| Site:     | Trionyx "6" Fed           | North Reference:             | Grid                                      |
| Well:     | 4H                        | Survey Calculation Method:   | Minimum Curvature                         |
| Wellbore: | OH                        |                              |                                           |
| Design:   | Plan #2                   |                              |                                           |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 12,500.00             | 90.00           | 0.00        | 8,353.00              | 4,389.99     | -66.36       | 4,389.99                | 0.00                    | 0.00                   | 0.00                  |
| 12,600.00             | 90.00           | 0.00        | 8,353.00              | 4,489.99     | -66.36       | 4,489.99                | 0.00                    | 0.00                   | 0.00                  |
| 12,700.00             | 90.00           | 0.00        | 8,353.00              | 4,589.99     | -66.36       | 4,589.99                | 0.00                    | 0.00                   | 0.00                  |
| 12,800.00             | 90.00           | 0.00        | 8,353.00              | 4,689.99     | -66.36       | 4,689.99                | 0.00                    | 0.00                   | 0.00                  |
| 12,857.82             | 90.00           | 0.00        | 8,353.00              | 4,747.81     | -66.36       | 4,747.81                | 0.00                    | 0.00                   | 0.00                  |
| TD at 12857.82' MD    |                 |             |                       |              |              |                         |                         |                        |                       |

| Design Targets |                                      |               |              |            |              |              |                 |                |                 |                   |
|----------------|--------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|-------------------|
| Target Name    | hit/miss target                      | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude        | Longitude         |
| SHL(T"6"F 4H)  | - plan hits target center<br>- Point | 0.00          | 0.00         | 2.00       | 0.00         | 0.00         | 419,810.39      | 732,597.87     | 32° 9' 9.461 N  | 103° 42' 55.152 W |
| PBHL(T"6"F 4H) | - plan hits target center<br>- Point | 0.00          | 0.00         | 8,353.00   | 4,747.81     | -66.36       | 424,558.20      | 732,531.51     | 32° 9' 56.447 N | 103° 42' 55.607 W |

| Formations            |                       |                     |           |         |                   |  |
|-----------------------|-----------------------|---------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name                | Lithology | Dip (°) | Dip Direction (°) |  |
| 53.00                 | 53.00                 | QUATERNARY          |           |         |                   |  |
| 773.00                | 773.00                | RUSTLER DOL.        |           |         |                   |  |
| 1,092.00              | 1,092.00              | SALADO SALT         |           |         |                   |  |
| 1,181.00              | 1,181.00              | TOP OF SALT         |           |         |                   |  |
| 4,310.00              | 4,310.00              | BASE OF SALT        |           |         |                   |  |
| 4,552.00              | 4,552.00              | DELAWARE            |           |         |                   |  |
| 4,589.00              | 4,589.00              | BELL CANYON         |           |         |                   |  |
| 5,499.00              | 5,499.00              | CHERRY CANYON       |           |         |                   |  |
| 6,817.00              | 6,817.00              | BRUSHY CANYON       |           |         |                   |  |
| 8,267.82              | 8,211.00              | LOWER BRUSHY CANYON |           |         |                   |  |

| Plan Annotations      |                       |                   |              |                                       |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                               |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                       |
| 7,780.04              | 7,780.04              | 0.00              | 0.00         | KOP: Start Build 10.00                |
| 8,680.04              | 8,353.00              | 570.43            | -53.74       | EOC: Start DLS 2.00 TFO 90.00         |
| 8,949.12              | 8,353.00              | 839.11            | -66.36       | EOT: Start 3908.70 hold at 8949.12 MD |
| 12,857.82             | 8,353.00              | 4,747.81          | -66.36       | TD at 12857.82' MD                    |