

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 & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 15, 2009  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

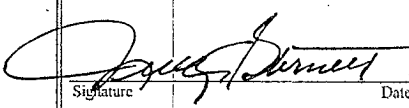
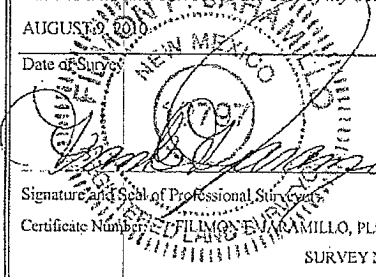
|                                       |  |                                                                            |  |                                              |  |
|---------------------------------------|--|----------------------------------------------------------------------------|--|----------------------------------------------|--|
| <sup>1</sup> API Number               |  | <sup>2</sup> Pool Code                                                     |  | <sup>3</sup> Pool Name<br><b>BONE SPRING</b> |  |
| <sup>4</sup> Property Code            |  | <sup>5</sup> Property Name<br><b>COTTON DRAW</b>                           |  | <sup>6</sup> Well Number<br><b>134H</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>3418.5</b>      |  |

| <sup>10</sup> Surface Location |                     |                         |                      |         |                             |                                  |                             |                               |                       |
|--------------------------------|---------------------|-------------------------|----------------------|---------|-----------------------------|----------------------------------|-----------------------------|-------------------------------|-----------------------|
| UL or lot no.<br><b>M</b>      | Section<br><b>2</b> | Township<br><b>25 S</b> | Range<br><b>31 E</b> | Lot Idn | Feet from the<br><b>200</b> | North/South line<br><b>SOUTH</b> | Feet from the<br><b>330</b> | East/West line<br><b>WEST</b> | County<br><b>EDDY</b> |

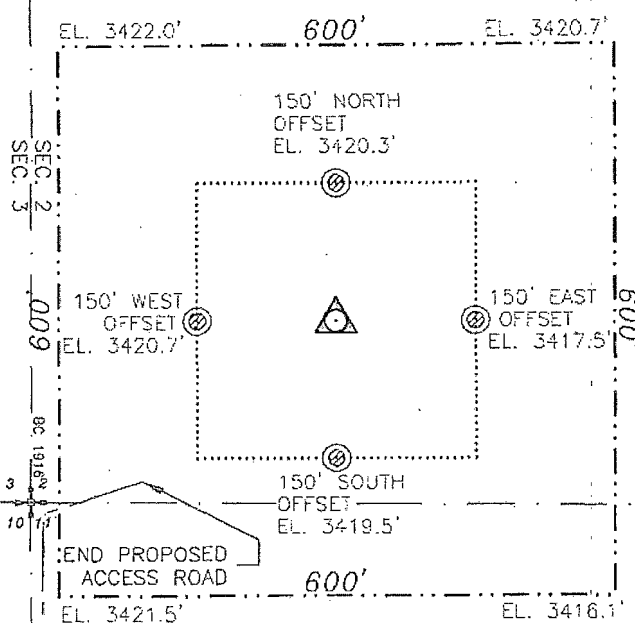
| <sup>11</sup> Bottom Hole Location If Different From Surface |                      |                         |                      |         |                              |                                  |                             |                               |                       |
|--------------------------------------------------------------|----------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|-----------------------|
| UL or lot no.<br><b>L</b>                                    | Section<br><b>35</b> | Township<br><b>24 S</b> | Range<br><b>31 E</b> | Lot Idn | Feet from the<br><b>2600</b> | North/South line<br><b>SOUTH</b> | Feet from the<br><b>330</b> | East/West line<br><b>WEST</b> | County<br><b>EDDY</b> |

|                                             |                               |                                  |                         |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>240</b> | <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>NW CORNER SEC. 35<br/>LAT. = 32°10'51.95"N<br/>LONG. = 103°45'25.86"W<br/>NMSP EAST (FT)<br/>N = 430036.93<br/>E = 719612.25</p> <p><b>NM 036379</b></p> <p>SECTION CORNER<br/>LAT. = 32°10'00.38"N<br/>LONG. = 103°45'25.88"W<br/>NMSP EAST (FT)<br/>N = 424824.54<br/>E = 719621.10</p> <p><b>K-4562</b></p> <p>SW CORNER SEC. 2<br/>LAT. = 32°09'08.16"N<br/>LONG. = 103°45'26.03"W<br/>NMSP EAST (FT)<br/>N = 419545.75<br/>E = 719636.14</p> |  | <p><b>TOE TARGET</b><br/>LAT. = 32°10'25.50"N<br/>LONG. = 103°45'21.82"W<br/>NMSP EAST (FT)<br/>N = 427424.33<br/>E = 719948.03</p> <p><b>TOE TARGET</b><br/>630'</p> <p><b>SEC 35</b><br/>T.24S., R.31E.</p> <p><b>COTTON DRAW UNIT #134H</b><br/>ELEV. = 3418.5'<br/>LAT. = 32°09'10.099"N (NAD83)<br/>LONG. = 103°45'22.174"W<br/>NMSP EAST (FT)<br/>N = 419743.42<br/>E = 719966.81</p> <p><b>SEC 2</b><br/>T.25S., R.31E.</p> <p><b>HEAL TARGET</b><br/>LAT. = 32°09'16.03"N<br/>LONG. = 103°45'22.12"W<br/>NMSP EAST (FT)<br/>N = 420343.36<br/>E = 719968.49</p> <p><b>HEAL TARGET</b><br/>330'</p> <p><b>SURFACE LOCATION</b><br/>330'</p> |  | <p>NE CORNER SEC. 35<br/>LAT. = 32°10'52.00"N<br/>LONG. = 103°44'24.18"W<br/>NMSP EAST (FT)<br/>N = 430070.15<br/>E = 724896.74</p> <p>SECTION CORNER<br/>LAT. = 32°10'00.07"N<br/>LONG. = 103°44'24.35"W<br/>NMSP EAST (FT)<br/>N = 424821.55<br/>E = 724911.12</p> <p>SE CORNER SEC. 2<br/>LAT. = 32°09'07.61"N<br/>LONG. = 103°44'24.41"W<br/>NMSP EAST (FT)<br/>N = 419519.18<br/>E = 724934.87</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 this division.</p> <p><br/>Signature Date 8/30/10<br/>Printed Name Judy A. Barnett Regulatory Analyst</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>AUGUST 30 2010<br/>Date of Survey<br/><br/>Signature and Seal of Professional Surveyor<br/>Certificate Number EVAN AMILLO, PLS 12797<br/>SURVEY NO. 173-R1</p> |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

SECTION 2, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



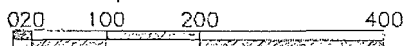
COTTON DRAW UNIT #134H  
ELEV. = 3418.5'  
LAT. = 32°09'10.099"N (NAD83)  
LONG. = 103°45'22.174"W  
NMSP EAST (FT)  
N = 419743.42  
E = 719966.81

SEC. 2  
SEC. 11

CENTERLINE  
PROPOSED  
ACCESS ROAD  
(880 L.F.)

BEGIN PROPOSED  
ACCESS ROAD

EXISTING 15' CALICHE ROAD



SCALE 1" = 200'

DIRECTIONS TO LOCATION

FROM CR.# 786 (BUCK JACKSON) (CALICHE) AND CR.# 791 (BUCK THORN) (CALICHE) GO SOUTH ON CR. 791 3.1 MILES TURN LEFT AND GO EAST 0.9 MILES TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS NORTH 880' TO A PROPOSED PAD FOR THIS LOCATION.

DEVON ENERGY PRODUCTION COMPANY, L.P.

COTTON DRAW UNIT #134H

LOCATED 200 FT. FROM THE SOUTH LINE  
AND 330 FT. FROM THE WEST LINE OF

SECTION 2, TOWNSHIP 25 SOUTH,

RANGE 31 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

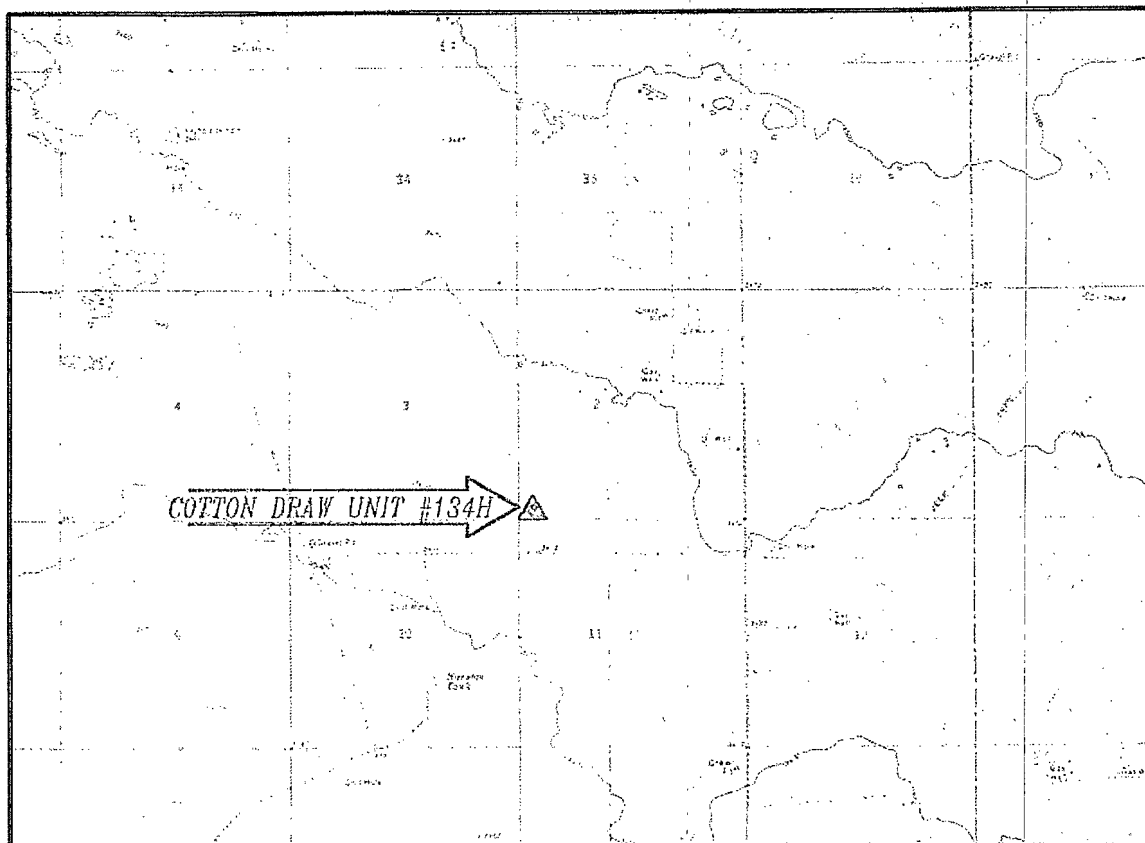
AUGUST 9, 2010

*SURVEY NO. 173 - R1*

MADRON SURVEYING, INC. 301 SOUTH CANAL  
(505) 857-5630 CARLSBAD, NEW MEXICO

301 SOUTH CANAL  
(575) 857-5630

SECTION 2, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**LOCATION VERIFICATION MAP**



CONTOUR INTERVAL:  
BIG SINKS  
PADUCA BREAKS NW

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM CR.# 786 (BUCK JACKSON) (CALICHE) AND CR.# 791 (BUCK THORN) (CALICHE) GO SOUTH ON CR. 791 3.1 MILES TURN LEFT AND GO EAST 0.9 MILES TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS NORTH 880' TO A PROPOSED PAD FOR THIS LOCATION.

SEC. 2 TWP. 25-S RGE. 31-E  
SURVEY N.M.P.M.  
COUNTY EDDY STATE NEW MEXICO  
DESCRIPTION 200' FSL & 330' FWL  
ELEVATION 3418.5'  
OPERATOR DEVON ENERGY PRODUCTION COMPANY, LP  
LEASE COTTON DRAW

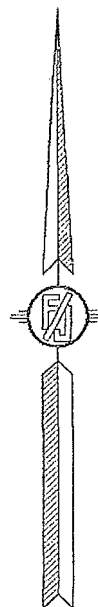
DEVON ENERGY PRODUCTION COMPANY, L.P.  
COTTON DRAW UNIT #134H  
LOCATED 200 FT. FROM THE SOUTH LINE  
AND 330 FT. FROM THE WEST LINE OF  
SECTION 2, TOWNSHIP 25 SOUTH,  
RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 9, 2010

SURVEY NO. 173 - R1

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 887-5630

## VICINITY MAP



NOT TO SCALE

SEC. 2 TWP. 25-S RGE. 31-E  
SURVEY N.M.P.M.  
COUNTY EDDY STATE NEW MEXICO  
DESCRIPTION 200' FSL & 330' FWL  
ELEVATION 3418.5'  
OPERATOR DEVON ENERGY PRODUCTION COMPANY, LP  
LEASE COTTON DRAW

DEVON ENERGY PRODUCTION COMPANY, L.P.  
COTTON DRAW UNIT #134H  
LOCATED 200 FT. FROM THE SOUTH LINE  
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SECTION 2, TOWNSHIP 25 SOUTH,  
RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

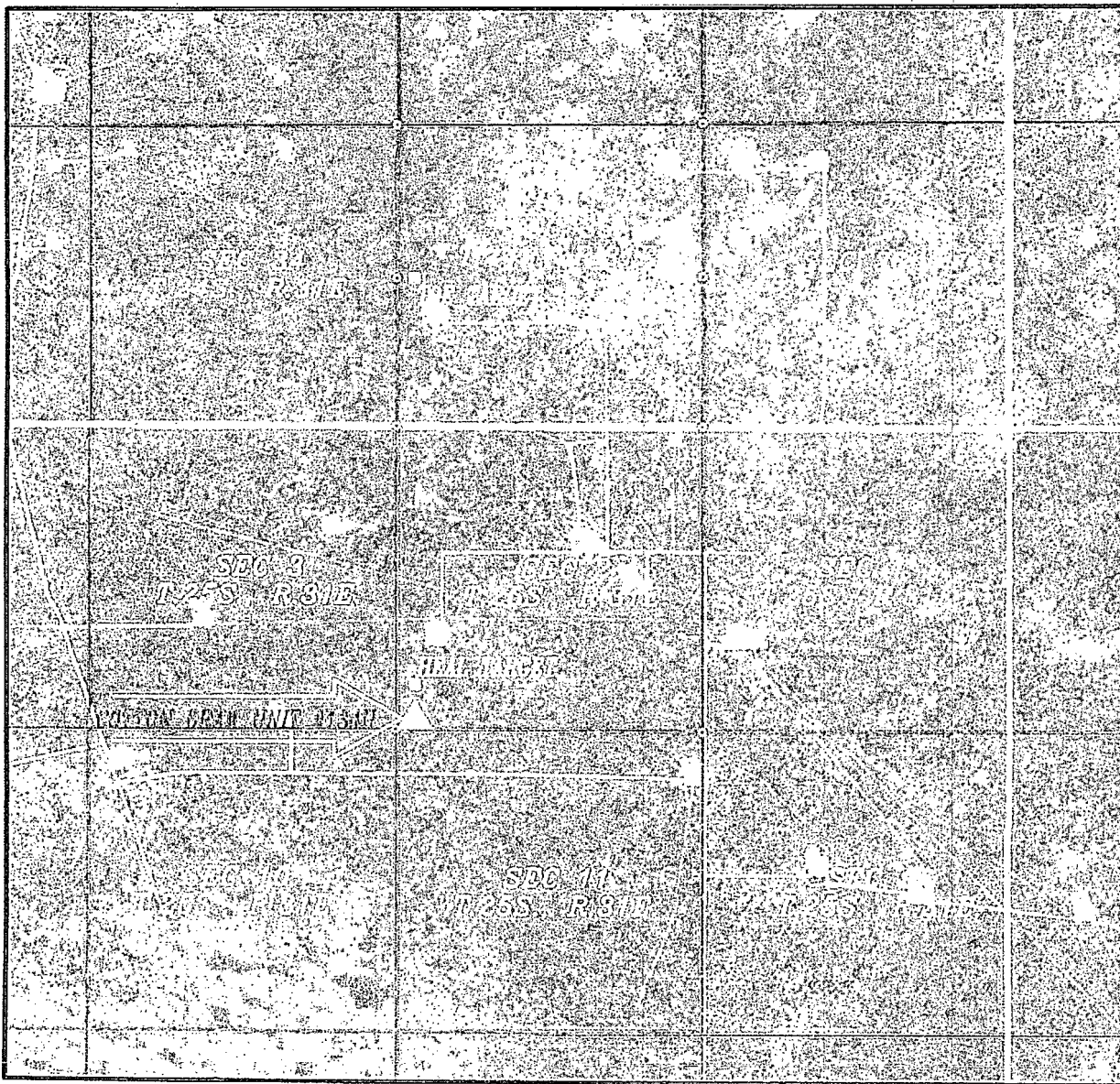
AUGUST 9, 2010

MADRON SURVEYING, INC. 331 SOUTH CANAL  
(575) 897-5330 CARLSBAD, NEW MEXICO

301 SOUTH CANAL  
(575) 887-5830

SECTION 2, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

## AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
USDA - AUG, 2009

DEVON ENERGY PRODUCTION COMPANY, L.P.  
COTTON DRAW UNIT #134H  
LOCATED 200 FT. FROM THE SOUTH LINE  
AND 330 FT. FROM THE WEST LINE OF  
SECTION 2, TOWNSHIP 25 SOUTH,  
RANGE 31 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 9, 2010

SURVEY NO. 173 - R1

MADRON SURVEYING, INC. 301 SOUTH CANAL, CARLSBAD, NEW MEXICO  
(575) 887-5830



**Weatherford®**

**Drilling Services**

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**Proposal**

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**devon**

**COTTON DRAW #134H**

**EDDY COUNTY, NM**

**WELL FILE: PLAN 1**

**AUGUST 23, 2010**

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**Weatherford International, Ltd.**

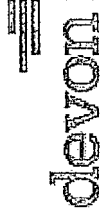
P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

[www.weatherford.com](http://www.weatherford.com)



Cotton Draw #134H  
Eddy Co., New Mexico

| SECTION DETAILS |          |       |        |         |         |        |
|-----------------|----------|-------|--------|---------|---------|--------|
| Sec             | MD       | Inc   | Azi    | TVD     | +N/-S   | +E/-W  |
| 1               | 0.00     | 0.00  | 359.86 | 0.00    | 0.00    | 0.00   |
| 2               | 8263.80  | 0.00  | 359.86 | 8263.80 | 0.00    | 0.00   |
| 3               | 9388.80  | 90.00 | 359.86 | 8980.00 | 716.20  | -1.25  |
| 4               | 16353.54 | 90.00 | 359.86 | 8980.00 | 7680.91 | -18.78 |

| WELL DETAILS      |       |       |           |           |               |                |
|-------------------|-------|-------|-----------|-----------|---------------|----------------|
| Name              | +N/-S | +E/-W | North     | East      | Latitude      | Longitude      |
| Cotton Draw #134H | 0.00  | 0.00  | 419743.42 | 719966.81 | 32°09'09.48"N | 103°45'22.09"W |

| TARGET DETAILS |         |         |        |           |           |       |
|----------------|---------|---------|--------|-----------|-----------|-------|
| Name           | TVD     | +N/-S   | +E/-W  | North     | East      | Shape |
| Pbhl           | 8980.00 | 7680.91 | -18.78 | 427424.33 | 719948.03 | Point |

**FIELD DETAILS**

Eddy Co., NM (NAD 83)

Geodetic System: US State Plane Coordinate System 1983

Ellipsoid: GRS 1980

Zone: New Mexico, Eastern Zone

Magnetic Model: IGRF2010

System Datum: Mean Sea Level

Local North: Grid North

**SITE DETAILS**

Cotton Draw #134H

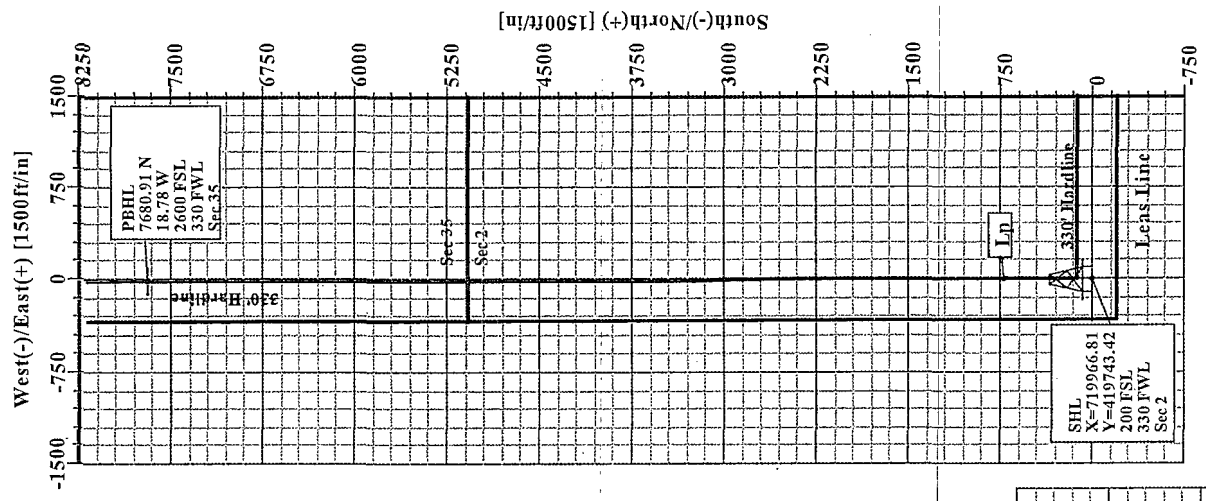
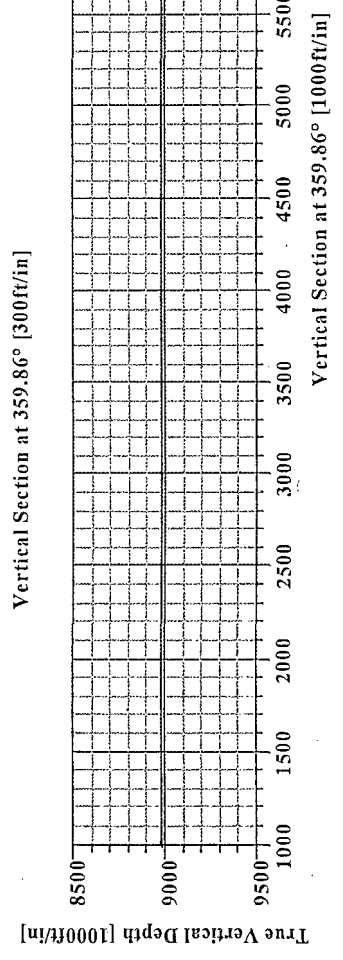
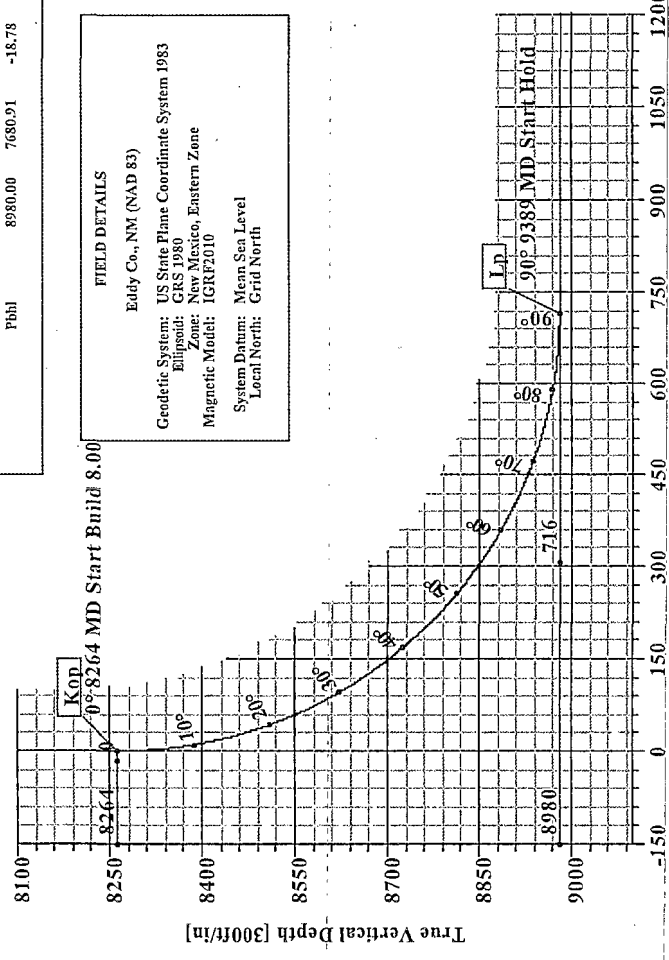
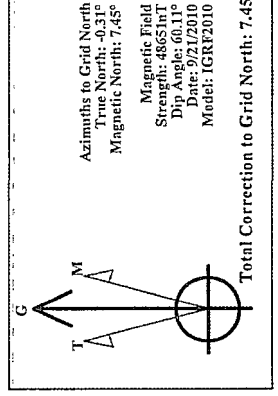
Site Centre Northing: 419743.42

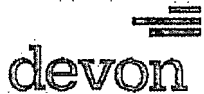
Easting: 719966.81

Ground Level: 3418.50

Positional Uncertainty: 0.00

Convergence: 0.31





# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|                                                                                                 |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
|-------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------|-----------------------|--------------------|--------------------|-------------------------|---------------------------|--------------------------|-------------------|----------------|
| <b>Company:</b> Devon Energy                                                                    |                    | <b>Date:</b> 8/21/2010                                                | <b>Time:</b> 12:19:25 | <b>Page:</b> 1     |                    |                         |                           |                          |                   |                |
| <b>Field:</b> Eddy Co., NM (NAD 83)                                                             |                    | <b>Co-ordinate(NE) Reference:</b> Well: Cotton Draw #134H, Grid North |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Site:</b> Cotton Draw #134H                                                                  |                    | <b>Vertical (TVD) Reference:</b> SITE 3443.5                          |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Well:</b> Cotton Draw #134H                                                                  |                    | <b>Section (VS) Reference:</b> Well (0.00N,0.00E,359.86Azi)           |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Wellpath:</b> 1                                                                              |                    | <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Plan:</b> Plan #1                                                                            |                    | <b>Date Composed:</b> 8/21/2010                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Principal:</b> Yes                                                                           |                    | <b>Version:</b> 1                                                     |                       |                    |                    |                         |                           |                          |                   |                |
|                                                                                                 |                    | <b>Tied-to:</b> From Surface                                          |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Field:</b> Eddy Co., NM (NAD 83)                                                             |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Map System:</b> US State Plane Coordinate System 1983                                        |                    | <b>Map Zone:</b> New Mexico, Eastern Zone                             |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Geo Datum:</b> GRS 1980                                                                      |                    | <b>Coordinate System:</b> Well Centre                                 |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Sys Datum:</b> Mean Sea Level                                                                |                    | <b>Geomagnetic Model:</b> IGRF2010                                    |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Site:</b> Cotton Draw #134H                                                                  |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Site Position:</b>                                                                           |                    | <b>Northing:</b> 419743.42 ft <b>Latitude:</b> 32 9 9.484 N           |                       |                    |                    |                         |                           |                          |                   |                |
| <b>From:</b> Map                                                                                |                    | <b>Easting:</b> 719966.81 ft <b>Longitude:</b> 103 45 22.098 W        |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Position Uncertainty:</b> 0.00 ft                                                            |                    | <b>North Reference:</b> Grid                                          |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Ground Level:</b> 3418.50 ft                                                                 |                    | <b>Grid Convergence:</b> 0.31 deg                                     |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Well:</b> Cotton Draw #134H <b>Slot Name:</b>                                                |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Well Position:</b> +N/-S 0.00 ft <b>Northing:</b> 419743.42 ft <b>Latitude:</b> 32 9 9.484 N |                    | <b>Longitude:</b> 103 45 22.098 W                                     |                       |                    |                    |                         |                           |                          |                   |                |
| <b>+E/-W 0.00 ft</b>                                                                            |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Position Uncertainty:</b> 0.00 ft                                                            |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Wellpath:</b> 1                                                                              |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Current Datum:</b> SITE                                                                      |                    | <b>Drilled From:</b> Surface                                          |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Magnetic Data:</b> 9/21/2010                                                                 |                    | <b>Tie-on Depth:</b> 0.00 ft                                          |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Field Strength:</b> 48651 nT                                                                 |                    | <b>Above System Datum:</b> Mean Sea Level                             |                       |                    |                    |                         |                           |                          |                   |                |
| <b>Vertical Section:</b> Depth From (TVD)                                                       |                    | <b>Declination:</b> 7.76 deg                                          |                       |                    |                    |                         |                           |                          |                   |                |
|                                                                                                 |                    | <b>Mag Dip Angle:</b> 60.11 deg                                       |                       |                    |                    |                         |                           |                          |                   |                |
|                                                                                                 |                    | <b>+E/-W</b> <b>Direction</b>                                         |                       |                    |                    |                         |                           |                          |                   |                |
|                                                                                                 |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| 8980.00                                                                                         |                    | 0.00                                                                  |                       | 359.86             |                    |                         |                           |                          |                   |                |
| <b>Plan Section Information</b>                                                                 |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>MD</b><br>ft                                                                                 | <b>Incl</b><br>deg | <b>Azim</b><br>deg                                                    | <b>TVD</b><br>ft      | <b>+N/-S</b><br>ft | <b>+E/-W</b><br>ft | <b>DLS</b><br>deg/100ft | <b>Build</b><br>deg/100ft | <b>Turn</b><br>deg/100ft | <b>TFO</b><br>deg | <b>Target</b>  |
| 0.00                                                                                            | 0.00               | 359.86                                                                | 0.00                  | 0.00               | 0.00               | 0.00                    | 0.00                      | 0.00                     | 0.00              |                |
| 8263.80                                                                                         | 0.00               | 359.86                                                                | 8263.80               | 0.00               | 0.00               | 0.00                    | 0.00                      | 0.00                     | 0.00              |                |
| 9388.80                                                                                         | 90.00              | 359.86                                                                | 8980.00               | 716.20             | -1.75              | 8.00                    | 8.00                      | 0.00                     | 359.86            |                |
| 16353.54                                                                                        | 90.00              | 359.86                                                                | 8980.00               | 7680.91            | -18.78             | 0.00                    | 0.00                      | 0.00                     | 0.00              | Pbhl           |
| <b>Survey</b>                                                                                   |                    |                                                                       |                       |                    |                    |                         |                           |                          |                   |                |
| <b>MD</b><br>ft                                                                                 | <b>Incl</b><br>deg | <b>Azim</b><br>deg                                                    | <b>TVD</b><br>ft      | <b>N/S</b><br>ft   | <b>E/W</b><br>ft   | <b>VS</b><br>ft         | <b>DLS</b><br>deg/100ft   | <b>MapN</b><br>ft        | <b>MapE</b><br>ft | <b>Comment</b> |
| 8200.00                                                                                         | 0.00               | 359.86                                                                | 8200.00               | 0.00               | 0.00               | 0.00                    | 0.00                      | 419743.42                | 719966.81         | Kop            |
| 8263.80                                                                                         | 0.00               | 359.86                                                                | 8263.80               | 0.00               | 0.00               | 0.00                    | 0.00                      | 419743.42                | 719966.81         |                |
| 8300.00                                                                                         | 2.90               | 359.86                                                                | 8299.98               | 0.91               | 0.00               | 0.91                    | 8.00                      | 419744.33                | 719966.81         |                |
| 8400.00                                                                                         | 10.90              | 359.86                                                                | 8399.18               | 12.91              | -0.03              | 12.91                   | 8.00                      | 419756.33                | 719966.78         |                |
| 8500.00                                                                                         | 18.90              | 359.86                                                                | 8495.74               | 38.60              | -0.09              | 38.60                   | 8.00                      | 419782.02                | 719966.72         |                |
| 8600.00                                                                                         | 26.90              | 359.86                                                                | 8587.79               | 77.47              | -0.19              | 77.47                   | 8.00                      | 419820.89                | 719966.62         | Lp             |
| 8700.00                                                                                         | 34.90              | 359.86                                                                | 8673.53               | 128.78             | -0.31              | 128.78                  | 8.00                      | 419872.20                | 719966.50         |                |
| 8800.00                                                                                         | 42.90              | 359.86                                                                | 8751.29               | 191.52             | -0.47              | 191.52                  | 8.00                      | 419934.94                | 719966.34         |                |
| 8900.00                                                                                         | 50.90              | 359.86                                                                | 8819.57               | 264.47             | -0.65              | 264.47                  | 8.00                      | 420007.89                | 719966.16         |                |
| 9000.00                                                                                         | 58.90              | 359.86                                                                | 8877.03               | 346.21             | -0.85              | 346.21                  | 8.00                      | 420089.63                | 719965.96         |                |
| 9100.00                                                                                         | 66.90              | 359.86                                                                | 8922.56               | 435.16             | -1.06              | 435.16                  | 8.00                      | 420178.58                | 719965.75         |                |
| 9200.00                                                                                         | 74.90              | 359.86                                                                | 8955.26               | 529.57             | -1.29              | 529.57                  | 8.00                      | 420272.99                | 719965.52         |                |
| 9300.00                                                                                         | 82.90              | 359.86                                                                | 8974.50               | 627.62             | -1.53              | 627.62                  | 8.00                      | 420371.04                | 719965.28         |                |
| 9388.80                                                                                         | 90.00              | 359.86                                                                | 8980.00               | 716.20             | -1.75              | 716.20                  | 8.00                      | 420459.62                | 719965.06         |                |
| 9400.00                                                                                         | 90.00              | 359.86                                                                | 8980.00               | 727.39             | -1.78              | 727.39                  | 0.00                      | 420470.81                | 719965.03         |                |
| 9500.00                                                                                         | 90.00              | 359.86                                                                | 8980.00               | 827.39             | -2.02              | 827.39                  | 0.00                      | 420570.81                | 719964.79         |                |
| 9600.00                                                                                         | 90.00              | 359.86                                                                | 8980.00               | 927.39             | -2.27              | 927.39                  | 0.00                      | 420670.81                | 719964.54         |                |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|                                     |                                   |                                            |                   |
|-------------------------------------|-----------------------------------|--------------------------------------------|-------------------|
| <b>Company:</b> Devon Energy        | <b>Date:</b> 8/21/2010            | <b>Time:</b> 12:19:25                      | <b>Page:</b> 2    |
| <b>Field:</b> Eddy Co., NM (NAD 83) | <b>Co-ordinate(NE) Reference:</b> | <b>Well:</b> Cotton Draw #134H, Grid North |                   |
| <b>Site:</b> Cotton Draw #134H      | <b>Vertical (TVD) Reference:</b>  | <b>SITE</b> 3443.5                         |                   |
| <b>Well:</b> Cotton Draw #134H      | <b>Section (VS) Reference:</b>    | <b>Well</b> (0.00N,0.00E,359.86Azi)        |                   |
| <b>Wellpath:</b> 1                  | <b>Survey Calculation Method:</b> | <b>Minimum Curvature</b>                   | <b>Db:</b> Sybase |

**Survey**

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | N/S<br>ft | E/W<br>ft | VS<br>ft | DLS<br>deg/100ft | MapN<br>ft | MapE<br>ft | Comment |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|---------|
| 9700.00  | 90.00       | 359.86      | 8980.00   | 1027.39   | -2.51     | 1027.39  | 0.00             | 420770.81  | 719964.30  |         |
| 9800.00  | 90.00       | 359.86      | 8980.00   | 1127.39   | -2.76     | 1127.39  | 0.00             | 420870.81  | 719964.05  |         |
| 9900.00  | 90.00       | 359.86      | 8980.00   | 1227.39   | -3.00     | 1227.39  | 0.00             | 420970.81  | 719963.81  |         |
| 10000.00 | 90.00       | 359.86      | 8980.00   | 1327.39   | -3.25     | 1327.39  | 0.00             | 421070.81  | 719963.56  |         |
| 10100.00 | 90.00       | 359.86      | 8980.00   | 1427.39   | -3.49     | 1427.39  | 0.00             | 421170.81  | 719963.32  |         |
| 10200.00 | 90.00       | 359.86      | 8980.00   | 1527.39   | -3.73     | 1527.39  | 0.00             | 421270.81  | 719963.08  |         |
| 10300.00 | 90.00       | 359.86      | 8980.00   | 1627.39   | -3.98     | 1627.39  | 0.00             | 421370.81  | 719962.83  |         |
| 10400.00 | 90.00       | 359.86      | 8980.00   | 1727.39   | -4.22     | 1727.39  | 0.00             | 421470.81  | 719962.59  |         |
| 10500.00 | 90.00       | 359.86      | 8980.00   | 1827.39   | -4.47     | 1827.39  | 0.00             | 421570.81  | 719962.34  |         |
| 10600.00 | 90.00       | 359.86      | 8980.00   | 1927.39   | -4.71     | 1927.39  | 0.00             | 421670.81  | 719962.10  |         |
| 10700.00 | 90.00       | 359.86      | 8980.00   | 2027.39   | -4.96     | 2027.39  | 0.00             | 421770.81  | 719961.85  |         |
| 10800.00 | 90.00       | 359.86      | 8980.00   | 2127.39   | -5.20     | 2127.39  | 0.00             | 421870.81  | 719961.61  |         |
| 10900.00 | 90.00       | 359.86      | 8980.00   | 2227.39   | -5.45     | 2227.39  | 0.00             | 421970.81  | 719961.36  |         |
| 11000.00 | 90.00       | 359.86      | 8980.00   | 2327.39   | -5.69     | 2327.39  | 0.00             | 422070.81  | 719961.12  |         |
| 11100.00 | 90.00       | 359.86      | 8980.00   | 2427.39   | -5.94     | 2427.39  | 0.00             | 422170.81  | 719960.87  |         |
| 11200.00 | 90.00       | 359.86      | 8980.00   | 2527.39   | -6.18     | 2527.39  | 0.00             | 422270.81  | 719960.63  |         |
| 11300.00 | 90.00       | 359.86      | 8980.00   | 2627.39   | -6.42     | 2627.39  | 0.00             | 422370.81  | 719960.39  |         |
| 11400.00 | 90.00       | 359.86      | 8980.00   | 2727.39   | -6.67     | 2727.39  | 0.00             | 422470.81  | 719960.14  |         |
| 11500.00 | 90.00       | 359.86      | 8980.00   | 2827.39   | -6.91     | 2827.39  | 0.00             | 422570.81  | 719959.90  |         |
| 11600.00 | 90.00       | 359.86      | 8980.00   | 2927.39   | -7.16     | 2927.39  | 0.00             | 422670.81  | 719959.65  |         |
| 11700.00 | 90.00       | 359.86      | 8980.00   | 3027.39   | -7.40     | 3027.39  | 0.00             | 422770.81  | 719959.41  |         |
| 11800.00 | 90.00       | 359.86      | 8980.00   | 3127.39   | -7.65     | 3127.39  | 0.00             | 422870.81  | 719959.16  |         |
| 11900.00 | 90.00       | 359.86      | 8980.00   | 3227.38   | -7.89     | 3227.39  | 0.00             | 422970.80  | 719958.92  |         |
| 12000.00 | 90.00       | 359.86      | 8980.00   | 3327.38   | -8.14     | 3327.39  | 0.00             | 423070.80  | 719958.67  |         |
| 12100.00 | 90.00       | 359.86      | 8980.00   | 3427.38   | -8.38     | 3427.39  | 0.00             | 423170.80  | 719958.43  |         |
| 12200.00 | 90.00       | 359.86      | 8980.00   | 3527.38   | -8.62     | 3527.39  | 0.00             | 423270.80  | 719958.19  |         |
| 12300.00 | 90.00       | 359.86      | 8980.00   | 3627.38   | -8.87     | 3627.39  | 0.00             | 423370.80  | 719957.94  |         |
| 12400.00 | 90.00       | 359.86      | 8980.00   | 3727.38   | -9.11     | 3727.39  | 0.00             | 423470.80  | 719957.70  |         |
| 12500.00 | 90.00       | 359.86      | 8980.00   | 3827.38   | -9.36     | 3827.39  | 0.00             | 423570.80  | 719957.45  |         |
| 12600.00 | 90.00       | 359.86      | 8980.00   | 3927.38   | -9.60     | 3927.39  | 0.00             | 423670.80  | 719957.21  |         |
| 12700.00 | 90.00       | 359.86      | 8980.00   | 4027.38   | -9.85     | 4027.39  | 0.00             | 423770.80  | 719956.96  |         |
| 12800.00 | 90.00       | 359.86      | 8980.00   | 4127.38   | -10.09    | 4127.39  | 0.00             | 423870.80  | 719956.72  |         |
| 12900.00 | 90.00       | 359.86      | 8980.00   | 4227.38   | -10.34    | 4227.39  | 0.00             | 423970.80  | 719956.47  |         |
| 13000.00 | 90.00       | 359.86      | 8980.00   | 4327.38   | -10.58    | 4327.39  | 0.00             | 424070.80  | 719956.23  |         |
| 13100.00 | 90.00       | 359.86      | 8980.00   | 4427.38   | -10.83    | 4427.39  | 0.00             | 424170.80  | 719955.98  |         |
| 13200.00 | 90.00       | 359.86      | 8980.00   | 4527.38   | -11.07    | 4527.39  | 0.00             | 424270.80  | 719955.74  |         |
| 13300.00 | 90.00       | 359.86      | 8980.00   | 4627.38   | -11.31    | 4627.39  | 0.00             | 424370.80  | 719955.50  |         |
| 13400.00 | 90.00       | 359.86      | 8980.00   | 4727.38   | -11.56    | 4727.39  | 0.00             | 424470.80  | 719955.25  |         |
| 13500.00 | 90.00       | 359.86      | 8980.00   | 4827.38   | -11.80    | 4827.39  | 0.00             | 424570.80  | 719955.01  |         |
| 13600.00 | 90.00       | 359.86      | 8980.00   | 4927.38   | -12.05    | 4927.39  | 0.00             | 424670.80  | 719954.76  |         |
| 13700.00 | 90.00       | 359.86      | 8980.00   | 5027.38   | -12.29    | 5027.39  | 0.00             | 424770.80  | 719954.52  |         |
| 13800.00 | 90.00       | 359.86      | 8980.00   | 5127.38   | -12.54    | 5127.39  | 0.00             | 424870.80  | 719954.27  |         |
| 13900.00 | 90.00       | 359.86      | 8980.00   | 5227.38   | -12.78    | 5227.39  | 0.00             | 424970.80  | 719954.03  |         |
| 14000.00 | 90.00       | 359.86      | 8980.00   | 5327.38   | -13.03    | 5327.39  | 0.00             | 425070.80  | 719953.78  |         |
| 14100.00 | 90.00       | 359.86      | 8980.00   | 5427.38   | -13.27    | 5427.39  | 0.00             | 425170.80  | 719953.54  |         |
| 14200.00 | 90.00       | 359.86      | 8980.00   | 5527.38   | -13.51    | 5527.39  | 0.00             | 425270.80  | 719953.30  |         |
| 14300.00 | 90.00       | 359.86      | 8980.00   | 5627.38   | -13.76    | 5627.39  | 0.00             | 425370.80  | 719953.05  |         |
| 14400.00 | 90.00       | 359.86      | 8980.00   | 5727.38   | -14.00    | 5727.39  | 0.00             | 425470.80  | 719952.81  |         |
| 14500.00 | 90.00       | 359.86      | 8980.00   | 5827.38   | -14.25    | 5827.39  | 0.00             | 425570.80  | 719952.56  |         |
| 14600.00 | 90.00       | 359.86      | 8980.00   | 5927.38   | -14.49    | 5927.39  | 0.00             | 425670.80  | 719952.32  |         |
| 14700.00 | 90.00       | 359.86      | 8980.00   | 6027.38   | -14.74    | 6027.39  | 0.00             | 425770.80  | 719952.07  |         |
| 14800.00 | 90.00       | 359.86      | 8980.00   | 6127.38   | -14.98    | 6127.39  | 0.00             | 425870.80  | 719951.83  |         |
| 14900.00 | 90.00       | 359.86      | 8980.00   | 6227.38   | -15.23    | 6227.39  | 0.00             | 425970.80  | 719951.58  |         |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's



Company: Devon Energy Date: 8/21/2010 Time: 12:19:25 Page: 3  
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: Cotton Draw #134H, Grid North  
Site: Cotton Draw #134H Vertical (TVD) Reference: SITE 3443.5  
Well: Cotton Draw #134H Section (VS) Reference: Well (0.00N,0.00E,359.86Azi)  
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | N/S<br>ft | E/W<br>ft | VS<br>ft | DLS<br>deg/100ft | MapN<br>ft | MapE<br>ft | Comment |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|---------|
| 15000.00 | 90.00       | 359.86      | 8980.00   | 6327.38   | -15.47    | 6327.39  | 0.00             | 426070.80  | 719951.34  |         |
| 15100.00 | 90.00       | 359.86      | 8980.00   | 6427.38   | -15.72    | 6427.39  | 0.00             | 426170.80  | 719951.09  |         |
| 15200.00 | 90.00       | 359.86      | 8980.00   | 6527.38   | -15.96    | 6527.39  | 0.00             | 426270.80  | 719950.85  |         |
| 15300.00 | 90.00       | 359.86      | 8980.00   | 6627.37   | -16.20    | 6627.39  | 0.00             | 426370.79  | 719950.61  |         |
| 15400.00 | 90.00       | 359.86      | 8980.00   | 6727.37   | -16.45    | 6727.39  | 0.00             | 426470.79  | 719950.36  |         |
| 15500.00 | 90.00       | 359.86      | 8980.00   | 6827.37   | -16.69    | 6827.39  | 0.00             | 426570.79  | 719950.12  |         |
| 15600.00 | 90.00       | 359.86      | 8980.00   | 6927.37   | -16.94    | 6927.39  | 0.00             | 426670.79  | 719949.87  |         |
| 15700.00 | 90.00       | 359.86      | 8980.00   | 7027.37   | -17.18    | 7027.39  | 0.00             | 426770.79  | 719949.63  |         |
| 15800.00 | 90.00       | 359.86      | 8980.00   | 7127.37   | -17.43    | 7127.39  | 0.00             | 426870.79  | 719949.38  |         |
| 15900.00 | 90.00       | 359.86      | 8980.00   | 7227.37   | -17.67    | 7227.39  | 0.00             | 426970.79  | 719949.14  |         |
| 16000.00 | 90.00       | 359.86      | 8980.00   | 7327.37   | -17.92    | 7327.39  | 0.00             | 427070.79  | 719948.89  |         |
| 16100.00 | 90.00       | 359.86      | 8980.00   | 7427.37   | -18.16    | 7427.39  | 0.00             | 427170.79  | 719948.65  |         |
| 16200.00 | 90.00       | 359.86      | 8980.00   | 7527.37   | -18.40    | 7527.39  | 0.00             | 427270.79  | 719948.41  |         |
| 16300.00 | 90.00       | 359.86      | 8980.00   | 7627.37   | -18.65    | 7627.39  | 0.00             | 427370.79  | 719948.16  |         |
| 16353.54 | 90.00       | 359.86      | 8980.00   | 7680.91   | -18.78    | 7680.93  | 0.00             | 427424.33  | 719948.03  | Pbhl    |

### Targets

| Name | Description<br>Dip. | Dir. | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | Map<br>Northing<br>ft | Map<br>Easting<br>ft | <--- Latitude ---><br>Deg Min Sec |    |          | <--- Longitude ---><br>Deg Min Sec |    |          |
|------|---------------------|------|-----------|-------------|-------------|-----------------------|----------------------|-----------------------------------|----|----------|------------------------------------|----|----------|
| Pbhl |                     |      | 8980.00   | 7680.91     | -18.78      | 427424.33             | 719948.03            | 32                                | 10 | 25.493 N | 103                                | 45 | 21.837 W |

### Casing Points

| MD | TVD | Diameter | Hole Size | Name |
|----|-----|----------|-----------|------|
|    |     |          |           |      |

### Annotation

| MD<br>ft | TVD<br>ft |      |
|----------|-----------|------|
| 8263.80  | 8263.80   | Kop  |
| 9388.80  | 8980.00   | Lp   |
| 16353.53 | 8980.00   | Pbhl |

### Formations

| MD | TVD | Formations | Lithology | Dip Angle | Dip Direction |
|----|-----|------------|-----------|-----------|---------------|
|    |     |            |           |           |               |

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

Report Date: August 21, 2010  
Job Number: \_\_\_\_\_  
Customer: Devon Energy  
Well Name: Cotton Draw #134H  
API Number: \_\_\_\_\_  
Rig Name: \_\_\_\_\_  
Location: Eddy Co., NM (NAD 83)  
Block: \_\_\_\_\_  
Engineer: RWJ

|                                              |                                             |
|----------------------------------------------|---------------------------------------------|
| US State Plane 1983                          | Geodetic Latitude / Longitude               |
| System: New Mexico Eastern Zone              | System: Latitude / Longitude                |
| Projection: Transverse Mercator/Gauss Kruger | Projection: Geodetic Latitude and Longitude |
| Datum: North American Datum 1983             | Datum: North American Datum 1983            |
| Ellipsoid: GRS 1980                          | Ellipsoid: GRS 1980                         |
| North/South 419743.420 USFT                  | Latitude 32.1526368 DEG                     |
| East/West 719966.810 USFT                    | Longitude -103.7561336 DEG                  |
| Grid Convergence: .31°                       |                                             |
| Total Correction: +7.45°                     |                                             |

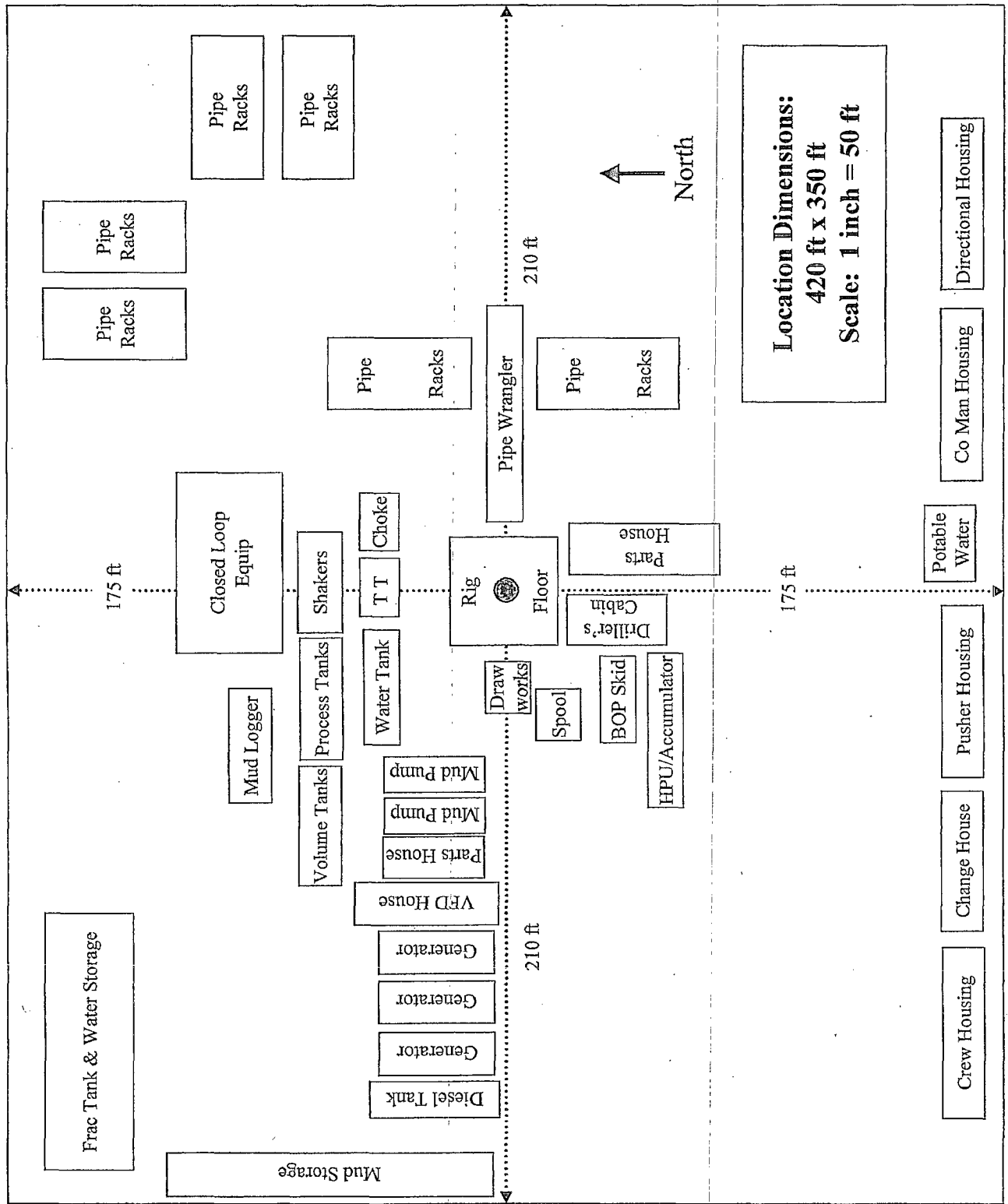
|                         |              |                        |
|-------------------------|--------------|------------------------|
| Geodetic Location WGS84 | Elevation =  | 0.0 Meters             |
| Latitude =              | 32.15264° N  | 32° 9 min 9.492 sec    |
| Longitude =             | 103.75613° W | 103° 45 min 22.081 sec |

|                        |              |                     |          |
|------------------------|--------------|---------------------|----------|
| Magnetic Declination = | 7.76°        | [True North Offset] |          |
| Local Gravity =        | .9988 g      | Checksum =          | 6539     |
| Local Field Strength = | 48647 nT     | Magnetic Vector X = | 24024 nT |
| Magnetic Dip =         | 60.11°       | Magnetic Vector Y = | 3272 nT  |
| Magnetic Model =       | IGRF-2010g11 | Magnetic Vector Z = | 42175 nT |
| Spud Date =            | Sep 21, 2010 | Magnetic Vector H = | 24245 nT |

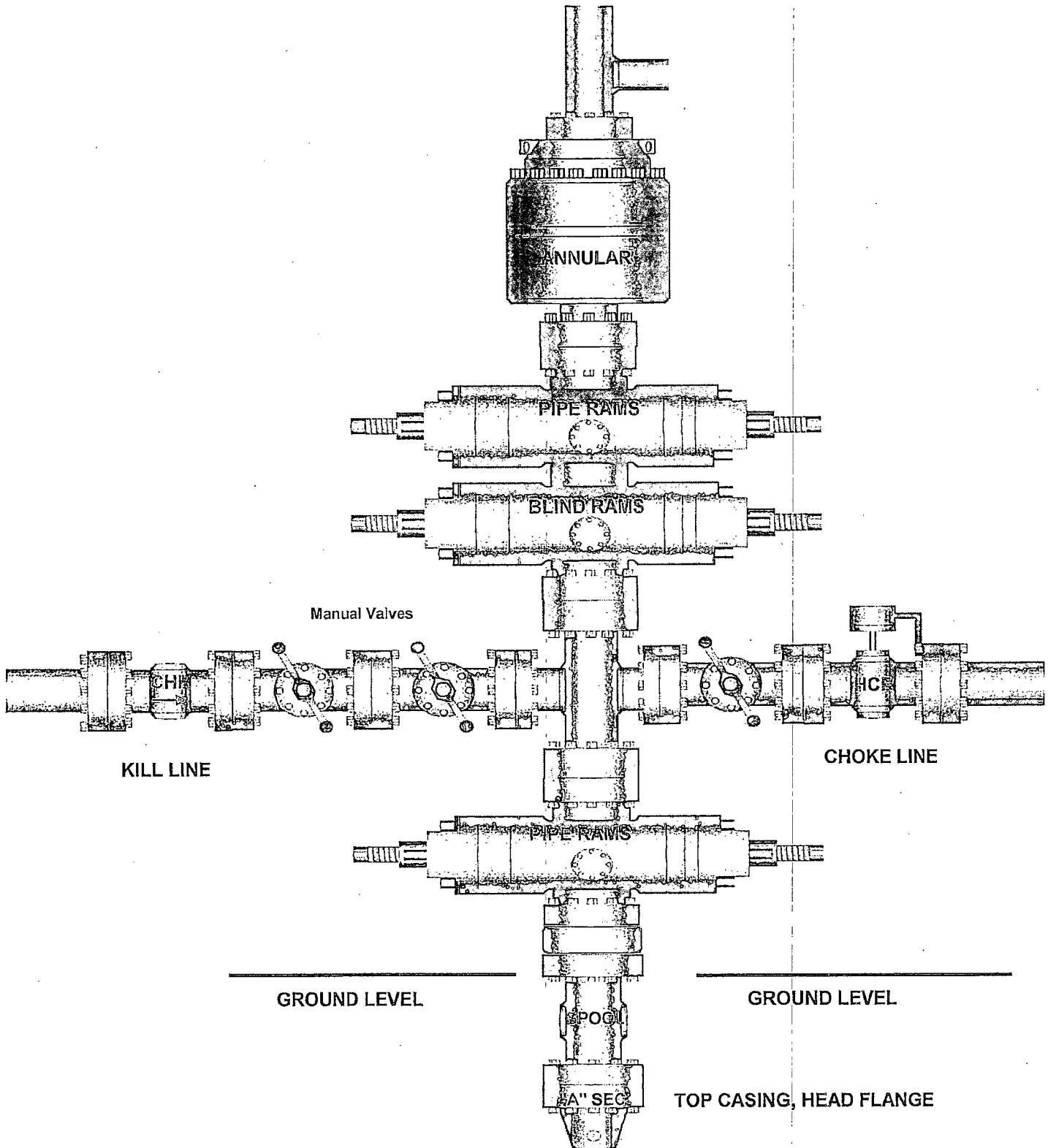
Signed: \_\_\_\_\_

Date: \_\_\_\_\_

# H&P Flex Rig Location Layout



# 13-5/8" x 5,000 psi BOP Stack



# 5,000 PSI CHOKE MANIFOLD

