

|                       |          |                      |                         |                 |                           |
|-----------------------|----------|----------------------|-------------------------|-----------------|---------------------------|
| DATE IN <u>2.8.11</u> | SUSPENSE | ENGINEER <u>DICB</u> | LOGGED IN <u>2.8.11</u> | TYPE <u>NSL</u> | APP NO. <u>1103935052</u> |
|-----------------------|----------|----------------------|-------------------------|-----------------|---------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



Devon

Cotton Draw

**ADMINISTRATIVE APPLICATION CHECKLIST**

135H

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

11 136H

11 137H

6347

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Sam McCurdy  
 Print or Type Name

[Signature]  
 Signature

Landman  
 Title

2/7/2011  
 Date

Sam.McCurdy@dmn.com  
 e-mail Address



Sam McCurdy  
Landman

RECEIVED OGD

2011 FEB -7 P 1:43

Devon Energy Corporation  
20 North Broadway  
Oklahoma City, Oklahoma 73102-8260  
Phone 405-228-2406  
Fax 405-552-8113

January 31, 2011

New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Attn: David Brooks

RE: Cotton Draw Unit  
#135H, #136H, #137H  
Section 2-T25S-R31E  
Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, intends to drill the referenced horizontal Bone Spring formation wells with permitted SHL, BHL, TVD & TMD as follows:

Eddy County, NM

|                         |                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Cotton Draw Unit #135H: | SHL: 200' FSL & 1600' FWL Section 2-T25S-R31E<br>BHL: 2600' FSL & 986' FWL Section 35-T24S-R31E<br>TVD: 8,980'; TMD: 16,640'  |
| Cotton Draw Unit #136H: | SHL: 200' FSL & 1650' FWL Section 2-T25S-R31E<br>BHL: 2600' FSL & 1642' FWL Section 35-T24S-R31E<br>TVD: 8,980'; TMD: 16,412' |
| Cotton Draw Unit #137H: | SHL: 200' FSL & 1700' FWL Section 2-T25S-R31E<br>BHL: 2600' FSL & 2298' FWL Section 35-T24S-R31E<br>TVD: 8,980'; TMD: 16,641' |

Devon will penetrate the target formation at a non-standard location in an effort to maximize the productive length of the wellbore. Because of this Devon will penetrate the top of the target Bone Spring formation at non-standard locations of:

|                        |                      |
|------------------------|----------------------|
| Cotton Draw Unit #135H | 192' FSL & 1554' FWL |
| Cotton Draw Unit #136H | 200' FSL & 1600' FWL |
| Cotton Draw Unit #137H | 187' FSL & 1656' FWL |

After penetrating the Bone Spring formation at the above listed locations, Devon will continue drilling through the referenced formation with the horizontal portion of the wellbore. Although the target formation will be penetrated at a non-standard location the highest perforation in the well will not occur closer than 330' to the southern boundary of the project area. By spotting the surface hole location 200' from the section line, this allows for room to build the curve and

land horizontally at a standard location within the target Bone Spring interval. By spotting the bottom hole location 2600' FSL, this allows room to drill sufficient rathole for casing shoe joints. According to Division rules, the above mentioned penetration points would be classified as non-standard locations.

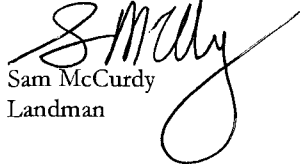
Devon respectfully requests that the Commission administratively approve this application for a non-standard location in accordance with Division Rule 104(F) (3). These non-standard locations affect the leasehold owners as follows: the Cotton Draw Unit #135H affects the leasehold owner in unit letters C & D of Section 11-T25S-R31E, Eddy County, NM and unit letters E and F of Section 35-T24S-R31E, Eddy County, NM. The Cotton Draw Unit #136H affects the leasehold owner in unit letter C of Section 11-T25S-R31E, Eddy County, NM and unit letters E & F of Section 35-T24S-R31E, Eddy County, NM. The Cotton Draw Unit #137H affects the leasehold owner in unit letter C of Section 11-T25S-R31E, Eddy County, NM and unit letter F of Section 35-T24S-R31E, Eddy County, NM. The ownership in all affected units is the same as the ownership in the wells; therefore no additional notification should be required as only working interest parties are affected. Additionally, Devon requests Commission approval to designate one 480 acre project area consisting of ten (10) standard oil spacing units each that are comprised of the W/2 Section 2-T25S-R31E and the SW/4 Section 35-T24S-R31E, Eddy County, NM.

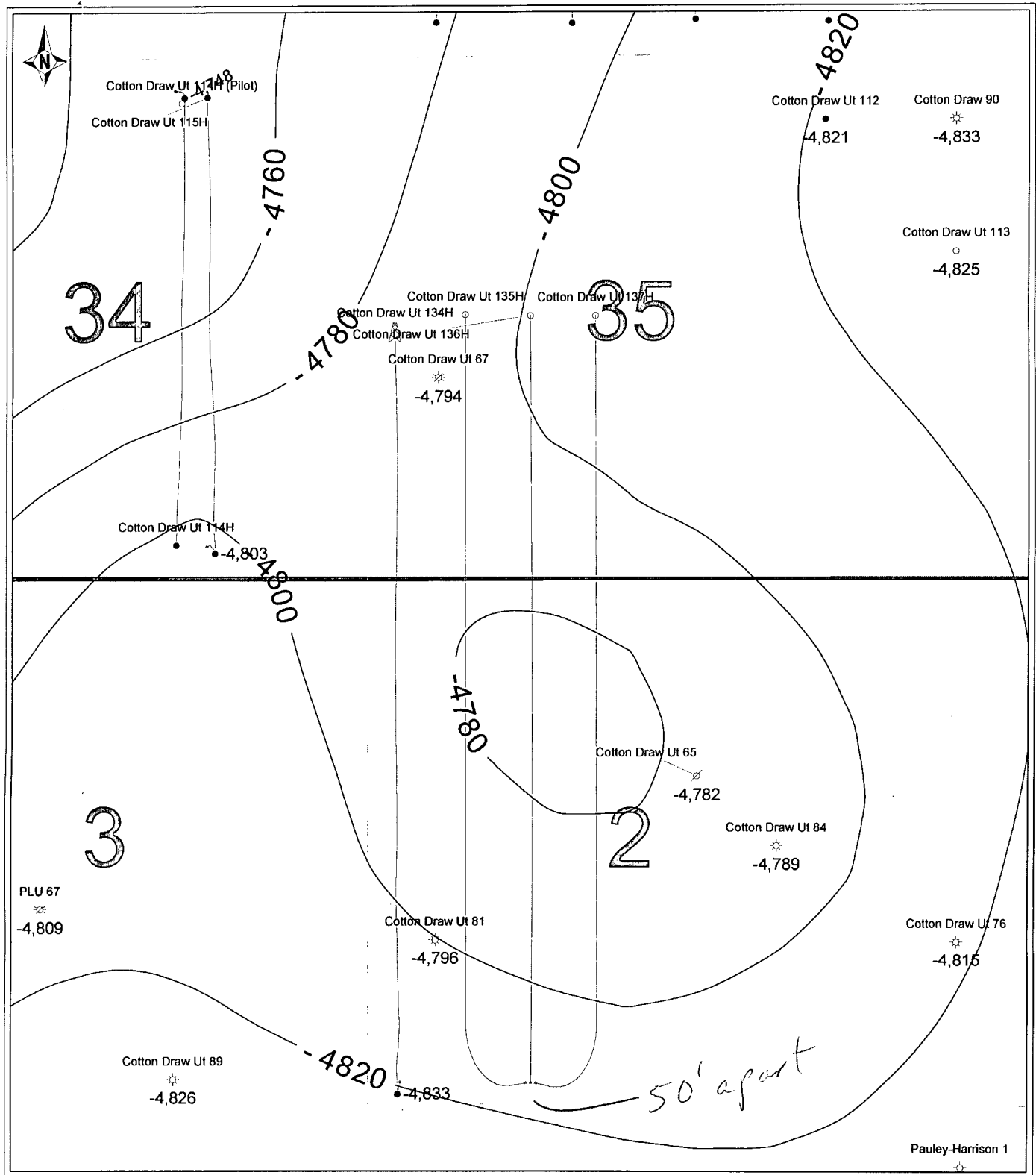
Attached for your review you will find a structure map on top of the Bone Spring formation, Weatherford Drilling Services drilling plans for each of the three (3) wells, a land plat reflecting the affected parties and a State of New Mexico form C-102 for each of the three (3) wells.

Feel free to contact the undersigned at (405) 228-2406 if there are any concerns or questions regarding this application.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

  
Sam McCurdy  
Landman



**devon**

**Cotton Draw Unit 135H-137H**

**Non-Standard Locations**

**Structure: Top Bone Spring**

By: C Burdick



**Weatherford®**

## **Drilling Services**

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## **Proposal**

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**devon**

**COTTON DRAW UNIT #135H**

**EDDY COUNTY, NM**

**WELL FILE: PLAN 1**

**NOVEMBER 1, 2010**

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**Weatherford International, Ltd.**

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

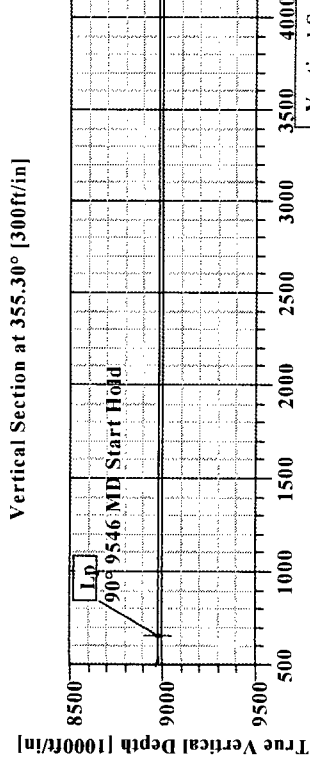
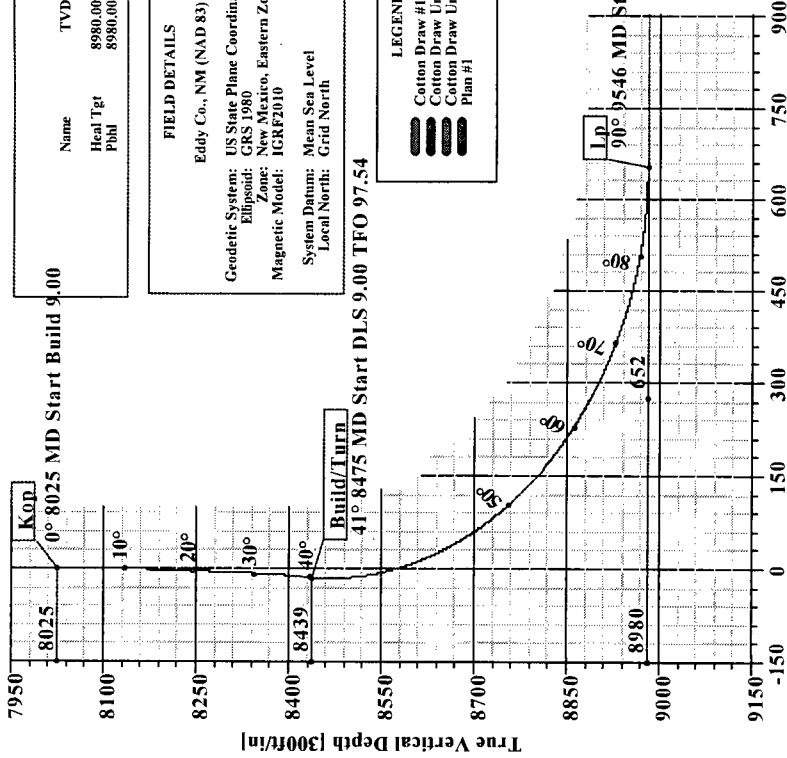
+1.432.561.8895 Fax

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



# Cotton Draw Unit #135H Eddy Co., NM

KR ELEV: 3446  
GL ELEV: 3421



## SECTION DETAILS

| Sec | MD       | Inc   | Azi    | TVD     | +N/-S   | +E/-W   | DLeg | TFace  | VSec    | Target   |
|-----|----------|-------|--------|---------|---------|---------|------|--------|---------|----------|
| 1   | 0.00     | 0.00  | 0.00   | 0.00    | 0.00    | 0.00    | 0.00 | 0.00   | 0.00    |          |
| 2   | 8025.13  | 0.00  | 0.00   | 8025.13 | 0.00    | 0.00    | 0.00 | 0.00   | 0.00    |          |
| 3   | 8475.39  | 40.52 | 259.93 | 8438.78 | -26.71  | -150.35 | 9.00 | 259.93 | -14.30  | Heal Tgt |
| 4   | 9546.48  | 90.00 | 359.80 | 8980.00 | 604.37  | -608.30 | 9.00 | 97.54  | 652.17  | Pbhl     |
| 5   | 16640.89 | 90.00 | 359.80 | 8980.00 | 7698.74 | -632.77 | 0.00 | 0.00   | 7723.70 |          |

## WELL DETAILS

| Name                   | +N/-S | +E/-W | Northing  | Easting   | Latitude      | Longitude      | Slot |
|------------------------|-------|-------|-----------|-----------|---------------|----------------|------|
| Cotton Draw Unit #135H | 0.00  | 0.00  | 419734.16 | 721236.80 | 32°09'09.325N | 103°45'07.326W | N/A  |

## TARGET DETAILS

| Name     | TVD     | +N/-S   | +E/-W   | Northing  | Easting   | Shape |
|----------|---------|---------|---------|-----------|-----------|-------|
| Heal Tgt | 8980.00 | 604.37  | -608.30 | 420338.53 | 720638.50 | Point |
| Pbhl     | 8980.00 | 7698.74 | -632.77 | 427432.90 | 720604.03 | Point |

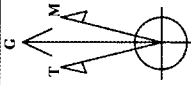
## FIELD DETAILS

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

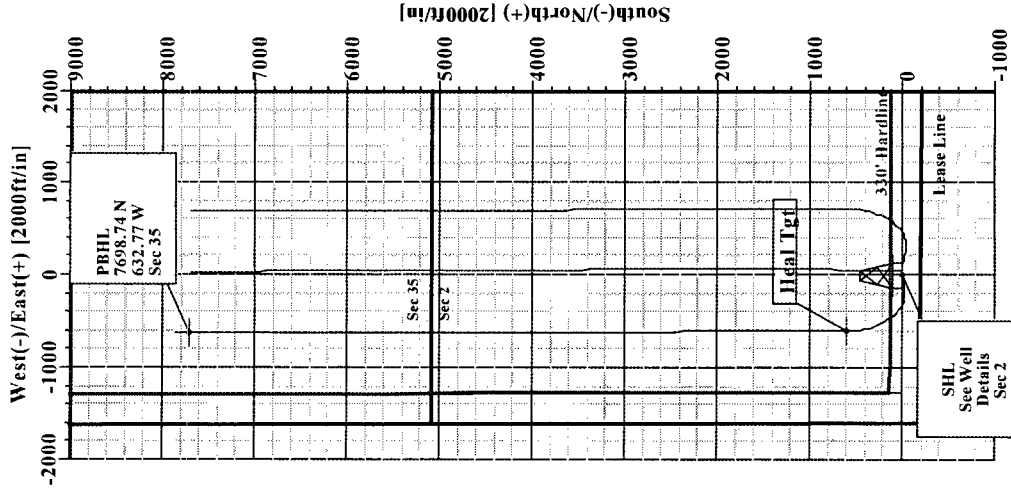
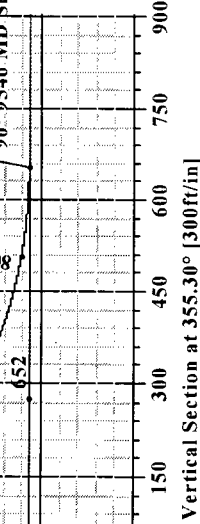
## SITE DETAILS

Cotton Draw Unit #135H  
Site Centre Northing: 419734.16  
Easting: 721236.80  
Ground Level: 3421.00  
Positional Uncertainty: 0.00  
Convergence: 0.31

LEGEND  
Cotton Draw #134H (I)  
Cotton Draw Unit #136H (I)  
Cotton Draw Unit #137H (I)  
Plan #1



Azimuths to Grid North  
True North: -0.31°  
Magnetic North: 7.41°  
Total Correction to Grid North: 7.41°





# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|                                     |                                                                            |                       |                |
|-------------------------------------|----------------------------------------------------------------------------|-----------------------|----------------|
| <b>Company:</b> Devon Energy        | <b>Date:</b> 11/1/2010                                                     | <b>Time:</b> 11:42:15 | <b>Page:</b> 1 |
| <b>Field:</b> Eddy Co., NM (NAD 83) | <b>Co-ordinate(NE) Reference:</b> Well: Cotton Draw Unit #135H, Grid North |                       |                |
| <b>Site:</b> Cotton Draw Unit #135H | <b>Vertical (TVD) Reference:</b> SITE 3446.0                               |                       |                |
| <b>Well:</b> Cotton Draw Unit #135H | <b>Section (VS) Reference:</b> Well: (0.00N,0.00E,355.30Azi)               |                       |                |
| <b>Wellpath:</b> 1                  | <b>Survey Calculation Method:</b> Minimum Curvature                        | <b>Db:</b> Sybase     |                |

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Plan:</b> Plan #1  | <b>Date Composed:</b> 10/29/2010 |
| <b>Principal:</b> Yes | <b>Version:</b> 1                |
|                       | <b>Tied-to:</b> From Surface     |

**Field:** Eddy Co., NM (NAD 83)

**Map System:** US State Plane Coordinate System 1983  
**Geo Datum:** GRS 1980  
**Sys Datum:** Mean Sea Level

**Map Zone:** New Mexico, Eastern Zone  
**Coordinate System:** Well Centre  
**Geomagnetic Model:** IGRF2010

**Site:** Cotton Draw Unit #135H

|                                      |                               |                                   |
|--------------------------------------|-------------------------------|-----------------------------------|
| <b>Site Position:</b>                | <b>Northing:</b> 419734.16 ft | <b>Latitude:</b> 32 9 9.325 N     |
| <b>From:</b> Map                     | <b>Easting:</b> 721236.80 ft  | <b>Longitude:</b> 103 45 7.326 W  |
| <b>Position Uncertainty:</b> 0.00 ft |                               | <b>North Reference:</b> Grid      |
| <b>Ground Level:</b> 3421.00 ft      |                               | <b>Grid Convergence:</b> 0.31 deg |

|                                      |                               |                                  |
|--------------------------------------|-------------------------------|----------------------------------|
| <b>Well:</b> Cotton Draw Unit #135H  | <b>Slot Name:</b>             |                                  |
| <b>Well Position:</b> +N/-S 0.00 ft  | <b>Northing:</b> 419734.16 ft | <b>Latitude:</b> 32 9 9.325 N    |
| +E/-W 0.00 ft                        | <b>Easting:</b> 721236.80 ft  | <b>Longitude:</b> 103 45 7.326 W |
| <b>Position Uncertainty:</b> 0.00 ft |                               |                                  |

|                                           |                                           |              |                  |
|-------------------------------------------|-------------------------------------------|--------------|------------------|
| <b>Wellpath:</b> 1                        | <b>Drilled From:</b> Surface              |              |                  |
| <b>Current Datum:</b> SITE                | <b>Tie-on Depth:</b> 0.00 ft              |              |                  |
| <b>Magnetic Data:</b> 1/15/2011           | <b>Above System Datum:</b> Mean Sea Level |              |                  |
| <b>Field Strength:</b> 48620 nT           | <b>Declination:</b> 7.72 deg              |              |                  |
| <b>Vertical Section:</b> Depth From (TVD) | <b>Mag Dip Angle:</b> 60.10 deg           |              |                  |
| ft                                        | <b>+N/-S</b>                              | <b>+E/-W</b> | <b>Direction</b> |
|                                           | ft                                        | ft           | deg              |
| 0.00                                      | 0.00                                      | 0.00         | 355.30           |

### Plan Section Information

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>deg | Target   |
|----------|-------------|-------------|-----------|-------------|-------------|------------------|--------------------|-------------------|------------|----------|
| 0.00     | 0.00        | 0.00        | 0.00      | 0.00        | 0.00        | 0.00             | 0.00               | 0.00              | 0.00       |          |
| 8025.13  | 0.00        | 0.00        | 8025.13   | 0.00        | 0.00        | 0.00             | 0.00               | 0.00              | 0.00       |          |
| 8475.39  | 40.52       | 259.93      | 8438.78   | -26.71      | -150.35     | 9.00             | 9.00               | 0.00              | 259.93     |          |
| 9546.48  | 90.00       | 359.80      | 8980.00   | 604.37      | -608.30     | 9.00             | 4.62               | 9.32              | 97.54      | Heal Tgt |
| 16640.89 | 90.00       | 359.80      | 8980.00   | 7698.74     | -632.77     | 0.00             | 0.00               | 0.00              | 0.00       | Pbhl     |

### 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    |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|------------|
| 8000.00  | 0.00        | 0.00        | 8000.00   | 0.00      | 0.00      | 0.00     | 0.00             | 419734.16  | 721236.80  |            |
| 8025.13  | 0.00        | 0.00        | 8025.13   | 0.00      | 0.00      | 0.00     | 0.00             | 419734.16  | 721236.80  | Kop        |
| 8100.00  | 6.74        | 259.93      | 8099.83   | -0.77     | -4.33     | -0.41    | 9.00             | 419733.39  | 721232.47  |            |
| 8200.00  | 15.74       | 259.93      | 8197.81   | -4.17     | -23.50    | -2.24    | 9.00             | 419729.99  | 721213.30  |            |
| 8300.00  | 24.74       | 259.93      | 8291.54   | -10.22    | -57.52    | -5.47    | 9.00             | 419723.94  | 721179.28  |            |
| 8400.00  | 33.74       | 259.93      | 8378.71   | -18.75    | -105.56   | -10.04   | 9.00             | 419715.41  | 721131.24  |            |
| 8475.39  | 40.52       | 259.93      | 8438.78   | -26.71    | -150.35   | -14.30   | 9.00             | 419707.45  | 721086.45  | Build/Turn |
| 8500.00  | 40.28       | 263.32      | 8457.52   | -29.03    | -166.12   | -15.32   | 9.00             | 419705.13  | 721070.68  |            |
| 8600.00  | 40.34       | 277.26      | 8533.93   | -28.70    | -230.47   | -9.72    | 9.00             | 419705.46  | 721006.33  |            |
| 8700.00  | 42.03       | 290.70      | 8609.34   | -12.75    | -294.02   | 11.38    | 9.00             | 419721.41  | 720942.78  |            |
| 8800.00  | 45.17       | 302.95      | 8681.88   | 18.44     | -355.22   | 47.47    | 9.00             | 419752.60  | 720881.58  |            |
| 8900.00  | 49.46       | 313.73      | 8749.77   | 64.08     | -412.55   | 97.66    | 9.00             | 419798.24  | 720824.25  |            |
| 9000.00  | 54.63       | 323.09      | 8811.34   | 123.07    | -464.60   | 160.71   | 9.00             | 419857.23  | 720772.20  |            |
| 9100.00  | 60.43       | 331.25      | 8865.07   | 193.94    | -510.10   | 235.07   | 9.00             | 419928.10  | 720726.70  |            |
| 9200.00  | 66.67       | 338.50      | 8909.64   | 274.95    | -547.91   | 318.91   | 9.00             | 420009.11  | 720688.89  |            |
| 9300.00  | 73.21       | 345.09      | 8943.95   | 364.11    | -577.12   | 410.16   | 9.00             | 420098.27  | 720659.68  |            |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy  
Field: Eddy Co. NM (NAD 83)  
Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1

Date: 11/1/2010 Time: 11:42:15 Page: 2  
Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Section (VS) Reference: Well: (0.00N;0.00E;355.30Azi)  
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  |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|----------|
| 9400.00  | 79.95       | 351.22      | 8967.17   | 459.22    | -596.99   | 506.58   | 9.00             | 420193.38  | 720639.81  | Heal Tgt |
| 9500.00  | 86.80       | 357.10      | 8978.70   | 557.94    | -607.05   | 605.79   | 9.00             | 420292.10  | 720629.75  |          |
| 9546.48  | 90.00       | 359.80      | 8980.00   | 604.37    | -608.30   | 652.17   | 9.00             | 420338.53  | 720628.50  |          |
| 9600.00  | 90.00       | 359.80      | 8980.00   | 657.89    | -608.49   | 705.52   | 0.00             | 420392.05  | 720628.31  |          |
| 9700.00  | 90.00       | 359.80      | 8980.00   | 757.89    | -608.83   | 805.21   | 0.00             | 420492.05  | 720627.97  |          |
| 9800.00  | 90.00       | 359.80      | 8980.00   | 857.89    | -609.18   | 904.91   | 0.00             | 420592.05  | 720627.62  |          |
| 9900.00  | 90.00       | 359.80      | 8980.00   | 957.89    | -609.52   | 1004.60  | 0.00             | 420692.05  | 720627.28  |          |
| 10000.00 | 90.00       | 359.80      | 8980.00   | 1057.89   | -609.87   | 1104.29  | 0.00             | 420792.05  | 720626.93  |          |
| 10100.00 | 90.00       | 359.80      | 8980.00   | 1157.89   | -610.21   | 1203.98  | 0.00             | 420892.05  | 720626.59  |          |
| 10200.00 | 90.00       | 359.80      | 8980.01   | 1257.89   | -610.56   | 1303.67  | 0.00             | 420992.05  | 720626.24  |          |
| 10300.00 | 90.00       | 359.80      | 8980.01   | 1357.89   | -610.91   | 1403.36  | 0.00             | 421092.05  | 720625.89  |          |
| 10400.00 | 90.00       | 359.80      | 8980.01   | 1457.88   | -611.25   | 1503.06  | 0.00             | 421192.04  | 720625.55  |          |
| 10500.00 | 90.00       | 359.80      | 8980.01   | 1557.88   | -611.60   | 1602.75  | 0.00             | 421292.04  | 720625.20  |          |
| 10600.00 | 90.00       | 359.80      | 8980.01   | 1657.88   | -611.94   | 1702.44  | 0.00             | 421392.04  | 720624.86  |          |
| 10700.00 | 90.00       | 359.80      | 8980.01   | 1757.88   | -612.29   | 1802.13  | 0.00             | 421492.04  | 720624.51  |          |
| 10800.00 | 90.00       | 359.80      | 8980.01   | 1857.88   | -612.63   | 1901.82  | 0.00             | 421592.04  | 720624.17  |          |
| 10900.00 | 90.00       | 359.80      | 8980.01   | 1957.88   | -612.98   | 2001.51  | 0.00             | 421692.04  | 720623.82  |          |
| 11000.00 | 90.00       | 359.80      | 8980.01   | 2057.88   | -613.33   | 2101.21  | 0.00             | 421792.04  | 720623.47  |          |
| 11100.00 | 90.00       | 359.80      | 8980.01   | 2157.88   | -613.67   | 2200.90  | 0.00             | 421892.04  | 720623.13  |          |
| 11200.00 | 90.00       | 359.80      | 8980.01   | 2257.88   | -614.02   | 2300.59  | 0.00             | 421992.04  | 720622.78  |          |
| 11300.00 | 90.00       | 359.80      | 8980.02   | 2357.88   | -614.36   | 2400.28  | 0.00             | 422092.04  | 720622.44  |          |
| 11400.00 | 90.00       | 359.80      | 8980.02   | 2457.88   | -614.71   | 2499.97  | 0.00             | 422192.04  | 720622.09  |          |
| 11500.00 | 90.00       | 359.80      | 8980.02   | 2557.88   | -615.05   | 2599.66  | 0.00             | 422292.04  | 720621.75  |          |
| 11600.00 | 90.00       | 359.80      | 8980.02   | 2657.88   | -615.40   | 2699.36  | 0.00             | 422392.04  | 720621.40  |          |
| 11700.00 | 90.00       | 359.80      | 8980.02   | 2757.88   | -615.75   | 2799.05  | 0.00             | 422492.04  | 720621.05  |          |
| 11800.00 | 90.00       | 359.80      | 8980.02   | 2857.88   | -616.09   | 2898.74  | 0.00             | 422592.04  | 720620.71  |          |
| 11900.00 | 90.00       | 359.80      | 8980.02   | 2957.88   | -616.44   | 2998.43  | 0.00             | 422692.04  | 720620.36  |          |
| 12000.00 | 90.00       | 359.80      | 8980.02   | 3057.88   | -616.78   | 3098.12  | 0.00             | 422792.04  | 720620.02  |          |
| 12100.00 | 90.00       | 359.80      | 8980.02   | 3157.87   | -617.13   | 3197.81  | 0.00             | 422892.03  | 720619.67  |          |
| 12200.00 | 90.00       | 359.80      | 8980.02   | 3257.87   | -617.47   | 3297.51  | 0.00             | 422992.03  | 720619.33  |          |
| 12300.00 | 90.00       | 359.80      | 8980.02   | 3357.87   | -617.82   | 3397.20  | 0.00             | 423092.03  | 720618.98  |          |
| 12400.00 | 90.00       | 359.80      | 8980.02   | 3457.87   | -618.17   | 3496.89  | 0.00             | 423192.03  | 720618.63  |          |
| 12500.00 | 90.00       | 359.80      | 8980.03   | 3557.87   | -618.51   | 3596.58  | 0.00             | 423292.03  | 720618.29  |          |
| 12600.00 | 90.00       | 359.80      | 8980.03   | 3657.87   | -618.86   | 3696.27  | 0.00             | 423392.03  | 720617.94  |          |
| 12700.00 | 90.00       | 359.80      | 8980.03   | 3757.87   | -619.20   | 3795.96  | 0.00             | 423492.03  | 720617.60  |          |
| 12800.00 | 90.00       | 359.80      | 8980.03   | 3857.87   | -619.55   | 3895.66  | 0.00             | 423592.03  | 720617.25  |          |
| 12900.00 | 90.00       | 359.80      | 8980.03   | 3957.87   | -619.89   | 3995.35  | 0.00             | 423692.03  | 720616.91  |          |
| 13000.00 | 90.00       | 359.80      | 8980.03   | 4057.87   | -620.24   | 4095.04  | 0.00             | 423792.03  | 720616.56  |          |
| 13100.00 | 90.00       | 359.80      | 8980.03   | 4157.87   | -620.59   | 4194.73  | 0.00             | 423892.03  | 720616.21  |          |
| 13200.00 | 90.00       | 359.80      | 8980.03   | 4257.87   | -620.93   | 4294.42  | 0.00             | 423992.03  | 720615.87  |          |
| 13300.00 | 90.00       | 359.80      | 8980.03   | 4357.87   | -621.28   | 4394.11  | 0.00             | 424092.03  | 720615.52  |          |
| 13400.00 | 90.00       | 359.80      | 8980.03   | 4457.87   | -621.62   | 4493.81  | 0.00             | 424192.03  | 720615.18  |          |
| 13500.00 | 90.00       | 359.80      | 8980.03   | 4557.87   | -621.97   | 4593.50  | 0.00             | 424292.03  | 720614.83  |          |
| 13600.00 | 90.00       | 359.80      | 8980.04   | 4657.87   | -622.31   | 4693.19  | 0.00             | 424392.03  | 720614.49  |          |
| 13700.00 | 90.00       | 359.80      | 8980.04   | 4757.86   | -622.66   | 4792.88  | 0.00             | 424492.02  | 720614.14  |          |
| 13800.00 | 90.00       | 359.80      | 8980.04   | 4857.86   | -623.01   | 4892.57  | 0.00             | 424592.02  | 720613.79  |          |
| 13900.00 | 90.00       | 359.80      | 8980.04   | 4957.86   | -623.35   | 4992.26  | 0.00             | 424692.02  | 720613.45  |          |
| 14000.00 | 90.00       | 359.80      | 8980.04   | 5057.86   | -623.70   | 5091.96  | 0.00             | 424792.02  | 720613.10  |          |
| 14100.00 | 90.00       | 359.80      | 8980.04   | 5157.86   | -624.04   | 5191.65  | 0.00             | 424892.02  | 720612.76  |          |
| 14200.00 | 90.00       | 359.80      | 8980.04   | 5257.86   | -624.39   | 5291.34  | 0.00             | 424992.02  | 720612.41  |          |
| 14300.00 | 90.00       | 359.80      | 8980.04   | 5357.86   | -624.73   | 5391.03  | 0.00             | 425092.02  | 720612.07  |          |
| 14400.00 | 90.00       | 359.80      | 8980.04   | 5457.86   | -625.08   | 5490.72  | 0.00             | 425192.02  | 720611.72  |          |
| 14500.00 | 90.00       | 359.80      | 8980.04   | 5557.86   | -625.43   | 5590.41  | 0.00             | 425292.02  | 720611.37  |          |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford®**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1

Date: 11/1/2010 Time: 11:42:15 Page: 3  
Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Section (VS) Reference: Well: (0.00N,0.00E,355.30Azi)  
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 |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|---------|
| 14600.00 | 90.00       | 359.80      | 8980.04   | 5657.86   | -625.77   | 5690.11  | 0.00             | 425392.02  | 720611.03  |         |
| 14700.00 | 90.00       | 359.80      | 8980.05   | 5757.86   | -626.12   | 5789.80  | 0.00             | 425492.02  | 720610.68  |         |
| 14800.00 | 90.00       | 359.80      | 8980.05   | 5857.86   | -626.46   | 5889.49  | 0.00             | 425592.02  | 720610.34  |         |
| 14900.00 | 90.00       | 359.80      | 8980.05   | 5957.86   | -626.81   | 5989.18  | 0.00             | 425692.02  | 720609.99  |         |
| 15000.00 | 90.00       | 359.80      | 8980.05   | 6057.86   | -627.16   | 6088.87  | 0.00             | 425792.02  | 720609.64  |         |
| 15100.00 | 90.00       | 359.80      | 8980.05   | 6157.86   | -627.50   | 6188.56  | 0.00             | 425892.02  | 720609.30  |         |
| 15200.00 | 90.00       | 359.80      | 8980.05   | 6257.86   | -627.85   | 6288.26  | 0.00             | 425992.02  | 720608.95  |         |
| 15300.00 | 90.00       | 359.80      | 8980.05   | 6357.86   | -628.19   | 6387.95  | 0.00             | 426092.02  | 720608.61  |         |
| 15400.00 | 90.00       | 359.80      | 8980.05   | 6457.85   | -628.54   | 6487.64  | 0.00             | 426192.01  | 720608.26  |         |
| 15500.00 | 90.00       | 359.80      | 8980.05   | 6557.85   | -628.88   | 6587.33  | 0.00             | 426292.01  | 720607.92  |         |
| 15600.00 | 90.00       | 359.80      | 8980.05   | 6657.85   | -629.23   | 6687.02  | 0.00             | 426392.01  | 720607.57  |         |
| 15700.00 | 90.00       | 359.80      | 8980.05   | 6757.85   | -629.58   | 6786.71  | 0.00             | 426492.01  | 720607.22  |         |
| 15800.00 | 90.00       | 359.80      | 8980.05   | 6857.85   | -629.92   | 6886.41  | 0.00             | 426592.01  | 720606.88  |         |
| 15900.00 | 90.00       | 359.80      | 8980.06   | 6957.85   | -630.27   | 6986.10  | 0.00             | 426692.01  | 720606.53  |         |
| 16000.00 | 90.00       | 359.80      | 8980.06   | 7057.85   | -630.61   | 7085.79  | 0.00             | 426792.01  | 720606.19  |         |
| 16100.00 | 90.00       | 359.80      | 8980.06   | 7157.85   | -630.96   | 7185.48  | 0.00             | 426892.01  | 720605.84  |         |
| 16200.00 | 90.00       | 359.80      | 8980.06   | 7257.85   | -631.30   | 7285.17  | 0.00             | 426992.01  | 720605.50  |         |
| 16300.00 | 90.00       | 359.80      | 8980.06   | 7357.85   | -631.65   | 7384.86  | 0.00             | 427092.01  | 720605.15  |         |
| 16400.00 | 90.00       | 359.80      | 8980.06   | 7457.85   | -632.00   | 7484.56  | 0.00             | 427192.01  | 720604.80  |         |
| 16500.00 | 90.00       | 359.80      | 8980.06   | 7557.85   | -632.34   | 7584.25  | 0.00             | 427292.01  | 720604.46  |         |
| 16600.00 | 90.00       | 359.80      | 8980.06   | 7657.85   | -632.69   | 7683.94  | 0.00             | 427392.01  | 720604.11  |         |
| 16640.89 | 90.00       | 359.80      | 8980.00   | 7698.74   | -632.77   | 7724.70  | 0.00             | 427432.90  | 720604.03  | 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 |    |          |
|----------|---------------------|------|-----------|-------------|-------------|-----------------------|----------------------|-------------------------|----|----------|--------------------------|----|----------|
| Heal Tgt |                     |      | 8980.00   | 604.37      | -608.30     | 420338.53             | 720628.50            | 32                      | 9  | 15.338 N | 103                      | 45 | 14.364 W |
| Pbhl     |                     |      | 8980.00   | 7698.74     | -632.77     | 427432.90             | 720604.03            | 32                      | 10 | 25.543 N | 103                      | 45 | 14.204 W |

### Casing Points

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

### Annotation

| MD<br>ft | TVD<br>ft |            |
|----------|-----------|------------|
| 8025.13  | 8025.13   | Kop        |
| 8475.39  | 8438.78   | Build/Turn |
| 9546.48  | 8980.00   | Lp         |
| 16640.89 | 8980.06   | Pbhl       |

### Formations

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



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 1  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

NO GLOBAL SCAN: Using user defined selection &amp; scan criteria

Interpolation Method: MD Interval: 30.00 ft

Depth Range: 0.00 to 16640.89 ft

Maximum Radius: 10000.00 ft

Reference: Plan: Plan #1

Error Model: ISCWSA Ellipse

Scan Method: Closest Approach 3D

Error Surface: Ellipse

Plan: Plan #1

Date Composed: 10/29/2010

Principal: Yes

Version: 1

Tied-to: From Surface

### Summary

| Site                 | Offset Wellpath       | Wellpath              | Reference MD ft | Offset MD ft | Ctr-Ctr Distance ft | Edge Distance ft | Separation Factor | Warning |
|----------------------|-----------------------|-----------------------|-----------------|--------------|---------------------|------------------|-------------------|---------|
| Cotton Draw #134H    | Cotton Draw #134H     | 1 V0 Plan: Plan #1 V1 | 16640.89        | 16360.50     | 656.02              | 372.74           | 2.32              |         |
| Cotton Draw Unit #13 | Cotton Draw Unit #131 | V0 Plan: Plan #1 V1   | 8040.00         | 8040.00      | 50.17               | 14.32            | 1.40              | Level 3 |

Site: Cotton Draw #134H

Well: Cotton Draw #134H

Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference MD ft | TVD ft  | Offset MD ft | TVD ft  | Semi-Major Axis Ref ft | Offset ft | TFO-HS deg | Offset Location North ft | East ft  | Ctr-Ctr Distance ft | Edge Distance ft | Separation Factor | Warning |
|-----------------|---------|--------------|---------|------------------------|-----------|------------|--------------------------|----------|---------------------|------------------|-------------------|---------|
| 0.00            | 0.00    | 2.50         | -2.50   | 0.00                   | 0.00      | 270.42     | 9.26                     | -1269.99 | 1270.02             |                  |                   | No Data |
| 30.00           | 30.00   | 27.50        | 27.50   | 0.01                   | 0.02      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.99          | 44100.89          |         |
| 60.00           | 60.00   | 57.50        | 57.50   | 0.04                   | 0.05      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.94          | 14465.09          |         |
| 90.00           | 90.00   | 87.50        | 87.50   | 0.07                   | 0.07      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.88          | 8651.37           |         |
| 120.00          | 120.00  | 117.50       | 117.50  | 0.13                   | 0.12      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.77          | 5022.60           |         |
| 150.00          | 150.00  | 147.50       | 147.50  | 0.20                   | 0.19      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.64          | 3275.61           |         |
| 180.00          | 180.00  | 177.50       | 177.50  | 0.26                   | 0.26      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.50          | 2430.29           |         |
| 210.00          | 210.00  | 207.50       | 207.50  | 0.33                   | 0.33      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.37          | 1931.77           |         |
| 240.00          | 240.00  | 237.50       | 237.50  | 0.40                   | 0.39      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.23          | 1602.96           |         |
| 270.00          | 270.00  | 267.50       | 267.50  | 0.47                   | 0.46      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1269.10          | 1369.80           |         |
| 300.00          | 300.00  | 297.50       | 297.50  | 0.53                   | 0.53      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.96          | 1195.86           |         |
| 330.00          | 330.00  | 327.50       | 327.50  | 0.60                   | 0.60      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.83          | 1061.11           |         |
| 360.00          | 360.00  | 357.50       | 357.50  | 0.67                   | 0.66      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.69          | 953.66            |         |
| 390.00          | 390.00  | 387.50       | 387.50  | 0.74                   | 0.73      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.56          | 865.97            |         |
| 420.00          | 420.00  | 417.50       | 417.50  | 0.80                   | 0.80      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.42          | 793.04            |         |
| 450.00          | 450.00  | 447.50       | 447.50  | 0.87                   | 0.87      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.29          | 731.45            |         |
| 480.00          | 480.00  | 477.50       | 477.50  | 0.94                   | 0.93      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.15          | 678.73            |         |
| 510.00          | 510.00  | 507.50       | 507.50  | 1.01                   | 1.00      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1268.02          | 633.10            |         |
| 540.00          | 540.00  | 537.50       | 537.50  | 1.07                   | 1.07      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1267.88          | 593.22            |         |
| 570.00          | 570.00  | 567.50       | 567.50  | 1.14                   | 1.14      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1267.75          | 558.07            |         |
| 600.00          | 600.00  | 597.50       | 597.50  | 1.21                   | 1.20      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1267.61          | 526.85            |         |
| 630.00          | 630.00  | 627.50       | 627.50  | 1.28                   | 1.27      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1267.48          | 498.93            |         |
| 660.00          | 660.00  | 657.50       | 657.50  | 1.34                   | 1.34      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1267.34          | 473.83            |         |
| 690.00          | 690.00  | 687.50       | 687.50  | 1.41                   | 1.40      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1267.21          | 451.13            |         |
| 720.00          | 720.00  | 717.50       | 717.50  | 1.48                   | 1.47      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1267.07          | 430.51            |         |
| 750.00          | 750.00  | 747.50       | 747.50  | 1.55                   | 1.54      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1266.94          | 411.69            |         |
| 780.00          | 780.00  | 777.50       | 777.50  | 1.61                   | 1.61      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1266.80          | 394.45            |         |
| 810.00          | 810.00  | 807.50       | 807.50  | 1.68                   | 1.67      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1266.67          | 378.59            |         |
| 840.00          | 840.00  | 837.50       | 837.50  | 1.75                   | 1.74      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1266.53          | 363.96            |         |
| 870.00          | 870.00  | 867.50       | 867.50  | 1.81                   | 1.81      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1266.40          | 350.41            |         |
| 900.00          | 900.00  | 897.50       | 897.50  | 1.88                   | 1.88      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1266.26          | 337.84            |         |
| 930.00          | 930.00  | 927.50       | 927.50  | 1.95                   | 1.94      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1266.13          | 326.14            |         |
| 960.00          | 960.00  | 957.50       | 957.50  | 2.02                   | 2.01      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1265.99          | 315.23            |         |
| 990.00          | 990.00  | 987.50       | 987.50  | 2.08                   | 2.08      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1265.86          | 305.02            |         |
| 1020.00         | 1020.00 | 1017.50      | 1017.50 | 2.15                   | 2.15      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1265.73          | 295.45            |         |
| 1050.00         | 1050.00 | 1047.50      | 1047.50 | 2.22                   | 2.21      | 270.42     | 9.26                     | -1269.99 | 1270.02             | 1265.59          | 286.46            |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H  
Reference Well: Cotton Draw Unit #135H  
Reference Wellpath: 1

Date: 11/1/2010  
Time: 11:32:18  
Page: 2

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 1080.00   | 1080.00   | 1077.50  | 1077.50   | 2.29            | 2.28         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1265.46                | 278.00               |         |
| 1110.00   | 1110.00   | 1107.50  | 1107.50   | 2.35            | 2.35         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1265.32                | 270.03               |         |
| 1140.00   | 1140.00   | 1137.50  | 1137.50   | 2.42            | 2.42         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1265.19                | 262.51               |         |
| 1170.00   | 1170.00   | 1167.50  | 1167.50   | 2.49            | 2.48         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1265.05                | 255.39               |         |
| 1200.00   | 1200.00   | 1197.50  | 1197.50   | 2.56            | 2.55         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1264.92                | 248.64               |         |
| 1230.00   | 1230.00   | 1227.50  | 1227.50   | 2.62            | 2.62         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1264.78                | 242.25               |         |
| 1260.00   | 1260.00   | 1257.50  | 1257.50   | 2.69            | 2.69         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1264.65                | 236.17               |         |
| 1290.00   | 1290.00   | 1287.50  | 1287.50   | 2.76            | 2.75         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1264.51                | 230.39               |         |
| 1320.00   | 1320.00   | 1317.50  | 1317.50   | 2.83            | 2.82         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1264.38                | 224.89               |         |
| 1350.00   | 1350.00   | 1347.50  | 1347.50   | 2.89            | 2.89         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1264.24                | 219.65               |         |
| 1380.00   | 1380.00   | 1377.50  | 1377.50   | 2.96            | 2.96         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1264.11                | 214.64               |         |
| 1410.00   | 1410.00   | 1407.50  | 1407.50   | 3.03            | 3.02         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.97                | 209.86               |         |
| 1440.00   | 1440.00   | 1437.50  | 1437.50   | 3.10            | 3.09         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.84                | 205.28               |         |
| 1470.00   | 1470.00   | 1467.50  | 1467.50   | 3.16            | 3.16         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.70                | 200.90               |         |
| 1500.00   | 1500.00   | 1497.50  | 1497.50   | 3.23            | 3.23         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.57                | 196.71               |         |
| 1530.00   | 1530.00   | 1527.50  | 1527.50   | 3.30            | 3.29         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.43                | 192.68               |         |
| 1560.00   | 1560.00   | 1557.50  | 1557.50   | 3.37            | 3.36         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.30                | 188.82               |         |
| 1590.00   | 1590.00   | 1587.50  | 1587.50   | 3.43            | 3.43         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.16                | 185.11               |         |
| 1620.00   | 1620.00   | 1617.50  | 1617.50   | 3.50            | 3.50         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1263.03                | 181.54               |         |
| 1650.00   | 1650.00   | 1647.50  | 1647.50   | 3.57            | 3.56         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1262.89                | 178.11               |         |
| 1680.00   | 1680.00   | 1677.50  | 1677.50   | 3.64            | 3.63         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1262.76                | 174.80               |         |
| 1710.00   | 1710.00   | 1707.50  | 1707.50   | 3.70            | 3.70         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1262.62                | 171.62               |         |
| 1740.00   | 1740.00   | 1737.50  | 1737.50   | 3.77            | 3.76         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1262.49                | 168.54               |         |
| 1770.00   | 1770.00   | 1767.50  | 1767.50   | 3.84            | 3.83         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1262.35                | 165.58               |         |
| 1800.00   | 1800.00   | 1797.50  | 1797.50   | 3.91            | 3.90         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1262.22                | 162.72               |         |
| 1830.00   | 1830.00   | 1827.50  | 1827.50   | 3.97            | 3.97         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1262.08                | 159.96               |         |
| 1860.00   | 1860.00   | 1857.50  | 1857.50   | 4.04            | 4.03         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.95                | 157.28               |         |
| 1890.00   | 1890.00   | 1887.50  | 1887.50   | 4.11            | 4.10         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.81                | 154.70               |         |
| 1920.00   | 1920.00   | 1917.50  | 1917.50   | 4.18            | 4.17         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.68                | 152.20               |         |
| 1950.00   | 1950.00   | 1947.50  | 1947.50   | 4.24            | 4.24         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.54                | 149.78               |         |
| 1980.00   | 1980.00   | 1977.50  | 1977.50   | 4.31            | 4.30         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.41                | 147.43               |         |
| 2010.00   | 2010.00   | 2007.50  | 2007.50   | 4.38            | 4.37         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.27                | 145.16               |         |
| 2040.00   | 2040.00   | 2037.50  | 2037.50   | 4.44            | 4.44         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.14                | 142.96               |         |
| 2070.00   | 2070.00   | 2067.50  | 2067.50   | 4.51            | 4.51         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1261.01                | 140.82               |         |
| 2100.00   | 2100.00   | 2097.50  | 2097.50   | 4.58            | 4.57         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1260.87                | 138.75               |         |
| 2130.00   | 2130.00   | 2127.50  | 2127.50   | 4.65            | 4.64         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1260.74                | 136.73               |         |
| 2160.00   | 2160.00   | 2157.50  | 2157.50   | 4.71            | 4.71         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1260.60                | 134.77               |         |
| 2190.00   | 2190.00   | 2187.50  | 2187.50   | 4.78            | 4.78         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1260.47                | 132.87               |         |
| 2220.00   | 2220.00   | 2217.50  | 2217.50   | 4.85            | 4.84         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1260.33                | 131.02               |         |
| 2250.00   | 2250.00   | 2247.50  | 2247.50   | 4.92            | 4.91         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1260.20                | 129.23               |         |
| 2280.00   | 2280.00   | 2277.50  | 2277.50   | 4.98            | 4.98         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1260.06                | 127.48               |         |
| 2310.00   | 2310.00   | 2307.50  | 2307.50   | 5.05            | 5.05         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1259.93                | 125.77               |         |
| 2340.00   | 2340.00   | 2337.50  | 2337.50   | 5.12            | 5.11         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1259.79                | 124.12               |         |
| 2370.00   | 2370.00   | 2367.50  | 2367.50   | 5.19            | 5.18         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1259.66                | 122.50               |         |
| 2400.00   | 2400.00   | 2397.50  | 2397.50   | 5.25            | 5.25         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1259.52                | 120.93               |         |
| 2430.00   | 2430.00   | 2427.50  | 2427.50   | 5.32            | 5.32         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1259.39                | 119.40               |         |
| 2460.00   | 2460.00   | 2457.50  | 2457.50   | 5.39            | 5.38         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1259.25                | 117.90               |         |
| 2490.00   | 2490.00   | 2487.50  | 2487.50   | 5.46            | 5.45         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1259.12                | 116.44               |         |
| 2520.00   | 2520.00   | 2517.50  | 2517.50   | 5.52            | 5.52         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1258.98                | 115.02               |         |
| 2550.00   | 2550.00   | 2547.50  | 2547.50   | 5.59            | 5.59         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1258.85                | 113.63               |         |
| 2580.00   | 2580.00   | 2577.50  | 2577.50   | 5.66            | 5.65         | 270.42        | 9.26            | -1269.99   | 1270.02                   | 1258.71                | 112.28               |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 3  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |          | Ctr-Ctr Edge |          | Separation | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|----------|--------------|----------|------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East     | Distance     | Distance | Factor     |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft       | ft           | ft       |            |         |
| 2610.00   | 2610.00 | 2607.50 | 2607.50 | 5.73            | 5.72   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1258.58  | 110.96     |         |
| 2640.00   | 2640.00 | 2637.50 | 2637.50 | 5.79            | 5.79   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1258.44  | 109.66     |         |
| 2670.00   | 2670.00 | 2667.50 | 2667.50 | 5.86            | 5.86   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1258.31  | 108.40     |         |
| 2700.00   | 2700.00 | 2697.50 | 2697.50 | 5.93            | 5.92   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1258.17  | 107.17     |         |
| 2730.00   | 2730.00 | 2727.50 | 2727.50 | 6.00            | 5.99   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1258.04  | 105.96     |         |
| 2760.00   | 2760.00 | 2757.50 | 2757.50 | 6.06            | 6.06   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1257.90  | 104.78     |         |
| 2790.00   | 2790.00 | 2787.50 | 2787.50 | 6.13            | 6.12   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1257.77  | 103.63     |         |
| 2820.00   | 2820.00 | 2817.50 | 2817.50 | 6.20            | 6.19   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1257.63  | 102.50     |         |
| 2850.00   | 2850.00 | 2847.50 | 2847.50 | 6.27            | 6.26   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1257.50  | 101.40     |         |
| 2880.00   | 2880.00 | 2877.50 | 2877.50 | 6.33            | 6.33   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1257.36  | 100.32     |         |
| 2910.00   | 2910.00 | 2907.50 | 2907.50 | 6.40            | 6.39   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1257.23  | 99.26      |         |
| 2940.00   | 2940.00 | 2937.50 | 2937.50 | 6.47            | 6.46   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1257.09  | 98.23      |         |
| 2970.00   | 2970.00 | 2967.50 | 2967.50 | 6.54            | 6.53   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.96  | 97.21      |         |
| 3000.00   | 3000.00 | 2997.50 | 2997.50 | 6.60            | 6.60   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.82  | 96.22      |         |
| 3030.00   | 3030.00 | 3027.50 | 3027.50 | 6.67            | 6.66   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.69  | 95.25      |         |
| 3060.00   | 3060.00 | 3057.50 | 3057.50 | 6.74            | 6.73   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.55  | 94.29      |         |
| 3090.00   | 3090.00 | 3087.50 | 3087.50 | 6.80            | 6.80   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.42  | 93.36      |         |
| 3120.00   | 3120.00 | 3117.50 | 3117.50 | 6.87            | 6.87   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.28  | 92.44      |         |
| 3150.00   | 3150.00 | 3147.50 | 3147.50 | 6.94            | 6.93   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.15  | 91.54      |         |
| 3180.00   | 3180.00 | 3177.50 | 3177.50 | 7.01            | 7.00   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1256.02  | 90.66      |         |
| 3210.00   | 3210.00 | 3207.50 | 3207.50 | 7.07            | 7.07   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1255.88  | 89.80      |         |
| 3240.00   | 3240.00 | 3237.50 | 3237.50 | 7.14            | 7.14   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1255.75  | 88.95      |         |
| 3270.00   | 3270.00 | 3267.50 | 3267.50 | 7.21            | 7.20   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1255.61  | 88.12      |         |
| 3300.00   | 3300.00 | 3297.50 | 3297.50 | 7.28            | 7.27   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1255.48  | 87.30      |         |
| 3330.00   | 3330.00 | 3327.50 | 3327.50 | 7.34            | 7.34   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1255.34  | 86.50      |         |
| 3360.00   | 3360.00 | 3357.50 | 3357.50 | 7.41            | 7.41   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1255.21  | 85.71      |         |
| 3390.00   | 3390.00 | 3387.50 | 3387.50 | 7.48            | 7.47   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1255.07  | 84.94      |         |
| 3420.00   | 3420.00 | 3417.50 | 3417.50 | 7.55            | 7.54   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1254.94  | 84.18      |         |
| 3450.00   | 3450.00 | 3447.50 | 3447.50 | 7.61            | 7.61   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1254.80  | 83.43      |         |
| 3480.00   | 3480.00 | 3477.50 | 3477.50 | 7.68            | 7.68   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1254.67  | 82.70      |         |
| 3510.00   | 3510.00 | 3507.50 | 3507.50 | 7.75            | 7.74   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1254.53  | 81.98      |         |
| 3540.00   | 3540.00 | 3537.50 | 3537.50 | 7.82            | 7.81   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1254.40  | 81.27      |         |
| 3570.00   | 3570.00 | 3567.50 | 3567.50 | 7.88            | 7.88   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1254.26  | 80.58      |         |
| 3600.00   | 3600.00 | 3597.50 | 3597.50 | 7.95            | 7.95   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1254.13  | 79.89      |         |
| 3630.00   | 3630.00 | 3627.50 | 3627.50 | 8.02            | 8.01   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.99  | 79.22      |         |
| 3660.00   | 3660.00 | 3657.50 | 3657.50 | 8.09            | 8.08   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.86  | 78.56      |         |
| 3690.00   | 3690.00 | 3687.50 | 3687.50 | 8.15            | 8.15   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.72  | 77.91      |         |
| 3720.00   | 3720.00 | 3717.50 | 3717.50 | 8.22            | 8.22   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.59  | 77.27      |         |
| 3750.00   | 3750.00 | 3747.50 | 3747.50 | 8.29            | 8.28   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.45  | 76.64      |         |
| 3780.00   | 3780.00 | 3777.50 | 3777.50 | 8.36            | 8.35   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.32  | 76.02      |         |
| 3810.00   | 3810.00 | 3807.50 | 3807.50 | 8.42            | 8.42   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.18  | 75.41      |         |
| 3840.00   | 3840.00 | 3837.50 | 3837.50 | 8.49            | 8.48   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1253.05  | 74.82      |         |
| 3870.00   | 3870.00 | 3867.50 | 3867.50 | 8.56            | 8.55   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1252.91  | 74.23      |         |
| 3900.00   | 3900.00 | 3897.50 | 3897.50 | 8.63            | 8.62   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1252.78  | 73.65      |         |
| 3930.00   | 3930.00 | 3927.50 | 3927.50 | 8.69            | 8.69   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1252.64  | 73.07      |         |
| 3960.00   | 3960.00 | 3957.50 | 3957.50 | 8.76            | 8.75   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1252.51  | 72.51      |         |
| 3990.00   | 3990.00 | 3987.50 | 3987.50 | 8.83            | 8.82   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1252.37  | 71.96      |         |
| 4020.00   | 4020.00 | 4017.50 | 4017.50 | 8.90            | 8.89   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1252.24  | 71.41      |         |
| 4050.00   | 4050.00 | 4047.50 | 4047.50 | 8.96            | 8.96   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1252.10  | 70.87      |         |
| 4080.00   | 4080.00 | 4077.50 | 4077.50 | 9.03            | 9.02   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1251.97  | 70.34      |         |
| 4110.00   | 4110.00 | 4107.50 | 4107.50 | 9.10            | 9.09   | 270.42 | 9.26            | -1269.99 | 1270.02      | 1251.83  | 69.82      |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H  
Reference Well: Cotton Draw Unit #135H  
Reference Wellpath: 1

Date: 11/1/2010

Time: 11:32:18

Page: 4

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Vertical (TVD) Reference: SITE 3446.0

Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |          | Ctr-Ctr  | Edge     | Separation | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|----------|----------|----------|------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East     | Distance | Distance | Factor     |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft       | ft       | ft       |            |         |
| 4140.00   | 4140.00 | 4137.50 | 4137.50 | 9.16            | 9.16   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1251.70  | 69.31      |         |
| 4170.00   | 4170.00 | 4167.50 | 4167.50 | 9.23            | 9.23   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1251.56  | 68.80      |         |
| 4200.00   | 4200.00 | 4197.50 | 4197.50 | 9.30            | 9.29   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1251.43  | 68.30      |         |
| 4230.00   | 4230.00 | 4227.50 | 4227.50 | 9.37            | 9.36   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1251.30  | 67.81      |         |
| 4260.00   | 4260.00 | 4257.50 | 4257.50 | 9.43            | 9.43   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1251.16  | 67.33      |         |
| 4290.00   | 4290.00 | 4287.50 | 4287.50 | 9.50            | 9.50   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1251.03  | 66.85      |         |
| 4320.00   | 4320.00 | 4317.50 | 4317.50 | 9.57            | 9.56   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1250.89  | 66.38      |         |
| 4350.00   | 4350.00 | 4347.50 | 4347.50 | 9.64            | 9.63   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1250.76  | 65.91      |         |
| 4380.00   | 4380.00 | 4377.50 | 4377.50 | 9.70            | 9.70   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1250.62  | 65.46      |         |
| 4410.00   | 4410.00 | 4407.50 | 4407.50 | 9.77            | 9.77   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1250.49  | 65.00      |         |
| 4440.00   | 4440.00 | 4437.50 | 4437.50 | 9.84            | 9.83   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1250.35  | 64.56      |         |
| 4470.00   | 4470.00 | 4467.50 | 4467.50 | 9.91            | 9.90   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1250.22  | 64.12      |         |
| 4500.00   | 4500.00 | 4497.50 | 4497.50 | 9.97            | 9.97   | 270.42 | 9.26            | -1269.99 | 1270.02  | 1250.08  | 63.68      |         |
| 4530.00   | 4530.00 | 4527.50 | 4527.50 | 10.04           | 10.04  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.95  | 63.26      |         |
| 4560.00   | 4560.00 | 4557.50 | 4557.50 | 10.11           | 10.10  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.81  | 62.83      |         |
| 4590.00   | 4590.00 | 4587.50 | 4587.50 | 10.18           | 10.17  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.68  | 62.42      |         |
| 4620.00   | 4620.00 | 4617.50 | 4617.50 | 10.24           | 10.24  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.54  | 62.01      |         |
| 4650.00   | 4650.00 | 4647.50 | 4647.50 | 10.31           | 10.31  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.41  | 61.60      |         |
| 4680.00   | 4680.00 | 4677.50 | 4677.50 | 10.38           | 10.37  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.27  | 61.20      |         |
| 4710.00   | 4710.00 | 4707.50 | 4707.50 | 10.45           | 10.44  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.14  | 60.81      |         |
| 4740.00   | 4740.00 | 4737.50 | 4737.50 | 10.51           | 10.51  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1249.00  | 60.42      |         |
| 4770.00   | 4770.00 | 4767.50 | 4767.50 | 10.58           | 10.58  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1248.87  | 60.03      |         |
| 4800.00   | 4800.00 | 4797.50 | 4797.50 | 10.65           | 10.64  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1248.73  | 59.65      |         |
| 4830.00   | 4830.00 | 4827.50 | 4827.50 | 10.72           | 10.71  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1248.60  | 59.28      |         |
| 4860.00   | 4860.00 | 4857.50 | 4857.50 | 10.78           | 10.78  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1248.46  | 58.90      |         |
| 4890.00   | 4890.00 | 4887.50 | 4887.50 | 10.85           | 10.84  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1248.33  | 58.54      |         |
| 4920.00   | 4920.00 | 4917.50 | 4917.50 | 10.92           | 10.91  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1248.19  | 58.18      |         |
| 4950.00   | 4950.00 | 4947.50 | 4947.50 | 10.99           | 10.98  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1248.06  | 57.82      |         |
| 4980.00   | 4980.00 | 4977.50 | 4977.50 | 11.05           | 11.05  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1247.92  | 57.47      |         |
| 5010.00   | 5010.00 | 5007.50 | 5007.50 | 11.12           | 11.11  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1247.79  | 57.12      |         |
| 5040.00   | 5040.00 | 5037.50 | 5037.50 | 11.19           | 11.18  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1247.65  | 56.77      |         |
| 5070.00   | 5070.00 | 5067.50 | 5067.50 | 11.26           | 11.25  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1247.52  | 56.43      |         |
| 5100.00   | 5100.00 | 5097.50 | 5097.50 | 11.32           | 11.32  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1247.38  | 56.10      |         |
| 5130.00   | 5130.00 | 5127.50 | 5127.50 | 11.39           | 11.38  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1247.25  | 55.77      |         |
| 5160.00   | 5160.00 | 5157.50 | 5157.50 | 11.46           | 11.45  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1247.11  | 55.44      |         |
| 5190.00   | 5190.00 | 5187.50 | 5187.50 | 11.52           | 11.52  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.98  | 55.11      |         |
| 5220.00   | 5220.00 | 5217.50 | 5217.50 | 11.59           | 11.59  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.84  | 54.79      |         |
| 5250.00   | 5250.00 | 5247.50 | 5247.50 | 11.66           | 11.65  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.71  | 54.48      |         |
| 5280.00   | 5280.00 | 5277.50 | 5277.50 | 11.73           | 11.72  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.58  | 54.16      |         |
| 5310.00   | 5310.00 | 5307.50 | 5307.50 | 11.79           | 11.79  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.44  | 53.85      |         |
| 5340.00   | 5340.00 | 5337.50 | 5337.50 | 11.86           | 11.86  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.31  | 53.55      |         |
| 5370.00   | 5370.00 | 5367.50 | 5367.50 | 11.93           | 11.92  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.17  | 53.24      |         |
| 5400.00   | 5400.00 | 5397.50 | 5397.50 | 12.00           | 11.99  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1246.04  | 52.94      |         |
| 5430.00   | 5430.00 | 5427.50 | 5427.50 | 12.06           | 12.06  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1245.90  | 52.65      |         |
| 5460.00   | 5460.00 | 5457.50 | 5457.50 | 12.13           | 12.13  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1245.77  | 52.36      |         |
| 5490.00   | 5490.00 | 5487.50 | 5487.50 | 12.20           | 12.19  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1245.63  | 52.07      |         |
| 5520.00   | 5520.00 | 5517.50 | 5517.50 | 12.27           | 12.26  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1245.50  | 51.78      |         |
| 5550.00   | 5550.00 | 5547.50 | 5547.50 | 12.33           | 12.33  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1245.36  | 51.50      |         |
| 5580.00   | 5580.00 | 5577.50 | 5577.50 | 12.40           | 12.40  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1245.23  | 51.22      |         |
| 5610.00   | 5610.00 | 5607.50 | 5607.50 | 12.47           | 12.46  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1245.09  | 50.94      |         |
| 5640.00   | 5640.00 | 5637.50 | 5637.50 | 12.54           | 12.53  | 270.42 | 9.26            | -1269.99 | 1270.02  | 1244.96  | 50.67      |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 5  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(N/E) Reference: Well: Cotton Draw Unit #135H Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference MD | Reference TVD | Offset MD | Offset TVD | Semi-Major Axis Ref | Semi-Major Axis Offset | Semi-Major Axis TFO-HIS | Offset Location North | Offset Location East | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|--------------|---------------|-----------|------------|---------------------|------------------------|-------------------------|-----------------------|----------------------|------------------|---------------|-------------------|---------|
| ft           | ft            | ft        | ft         | ft                  | ft                     | deg                     | ft                    | ft                   | ft               | ft            |                   |         |
| 5670.00      | 5670.00       | 5667.50   | 5667.50    | 12.60               | 12.60                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1244.82       | 50.39             |         |
| 5700.00      | 5700.00       | 5697.50   | 5697.50    | 12.67               | 12.67                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1244.69       | 50.13             |         |
| 5730.00      | 5730.00       | 5727.50   | 5727.50    | 12.74               | 12.73                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1244.55       | 49.86             |         |
| 5760.00      | 5760.00       | 5757.50   | 5757.50    | 12.81               | 12.80                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1244.42       | 49.60             |         |
| 5790.00      | 5790.00       | 5787.50   | 5787.50    | 12.87               | 12.87                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1244.28       | 49.34             |         |
| 5820.00      | 5820.00       | 5817.50   | 5817.50    | 12.94               | 12.94                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1244.15       | 49.08             |         |
| 5850.00      | 5850.00       | 5847.50   | 5847.50    | 13.01               | 13.00                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1244.01       | 48.83             |         |
| 5880.00      | 5880.00       | 5877.50   | 5877.50    | 13.08               | 13.07                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1243.88       | 48.57             |         |
| 5910.00      | 5910.00       | 5907.50   | 5907.50    | 13.14               | 13.14                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1243.74       | 48.33             |         |
| 5940.00      | 5940.00       | 5937.50   | 5937.50    | 13.21               | 13.21                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1243.61       | 48.08             |         |
| 5970.00      | 5970.00       | 5967.50   | 5967.50    | 13.28               | 13.27                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1243.47       | 47.83             |         |
| 6000.00      | 6000.00       | 5997.50   | 5997.50    | 13.35               | 13.34                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1243.34       | 47.59             |         |
| 6030.00      | 6030.00       | 6027.50   | 6027.50    | 13.41               | 13.41                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1243.20       | 47.35             |         |
| 6060.00      | 6060.00       | 6057.50   | 6057.50    | 13.48               | 13.47                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1243.07       | 47.12             |         |
| 6090.00      | 6090.00       | 6087.50   | 6087.50    | 13.55               | 13.54                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1242.93       | 46.88             |         |
| 6120.00      | 6120.00       | 6117.50   | 6117.50    | 13.62               | 13.61                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1242.80       | 46.65             |         |
| 6150.00      | 6150.00       | 6147.50   | 6147.50    | 13.68               | 13.68                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1242.66       | 46.42             |         |
| 6180.00      | 6180.00       | 6177.50   | 6177.50    | 13.75               | 13.74                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1242.53       | 46.19             |         |
| 6210.00      | 6210.00       | 6207.50   | 6207.50    | 13.82               | 13.81                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1242.39       | 45.97             |         |
| 6240.00      | 6240.00       | 6237.50   | 6237.50    | 13.88               | 13.88                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1242.26       | 45.74             |         |
| 6270.00      | 6270.00       | 6267.50   | 6267.50    | 13.95               | 13.95                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1242.12       | 45.52             |         |
| 6300.00      | 6300.00       | 6297.50   | 6297.50    | 14.02               | 14.01                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.99       | 45.30             |         |
| 6330.00      | 6330.00       | 6327.50   | 6327.50    | 14.09               | 14.08                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.85       | 45.09             |         |
| 6360.00      | 6360.00       | 6357.50   | 6357.50    | 14.15               | 14.15                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.72       | 44.87             |         |
| 6390.00      | 6390.00       | 6387.50   | 6387.50    | 14.22               | 14.22                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.59       | 44.66             |         |
| 6420.00      | 6420.00       | 6417.50   | 6417.50    | 14.29               | 14.28                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.45       | 44.45             |         |
| 6450.00      | 6450.00       | 6447.50   | 6447.50    | 14.36               | 14.35                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.32       | 44.24             |         |
| 6480.00      | 6480.00       | 6477.50   | 6477.50    | 14.42               | 14.42                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.18       | 44.03             |         |
| 6510.00      | 6510.00       | 6507.50   | 6507.50    | 14.49               | 14.49                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1241.05       | 43.83             |         |
| 6540.00      | 6540.00       | 6537.50   | 6537.50    | 14.56               | 14.55                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1240.91       | 43.62             |         |
| 6570.00      | 6570.00       | 6567.50   | 6567.50    | 14.63               | 14.62                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1240.78       | 43.42             |         |
| 6600.00      | 6600.00       | 6597.50   | 6597.50    | 14.69               | 14.69                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1240.64       | 43.22             |         |
| 6630.00      | 6630.00       | 6627.50   | 6627.50    | 14.76               | 14.76                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1240.51       | 43.03             |         |
| 6660.00      | 6660.00       | 6657.50   | 6657.50    | 14.83               | 14.82                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1240.37       | 42.83             |         |
| 6690.00      | 6690.00       | 6687.50   | 6687.50    | 14.90               | 14.89                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1240.24       | 42.64             |         |
| 6720.00      | 6720.00       | 6717.50   | 6717.50    | 14.96               | 14.96                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1240.10       | 42.44             |         |
| 6750.00      | 6750.00       | 6747.50   | 6747.50    | 15.03               | 15.03                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.97       | 42.25             |         |
| 6780.00      | 6780.00       | 6777.50   | 6777.50    | 15.10               | 15.09                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.83       | 42.07             |         |
| 6810.00      | 6810.00       | 6807.50   | 6807.50    | 15.17               | 15.16                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.70       | 41.88             |         |
| 6840.00      | 6840.00       | 6837.50   | 6837.50    | 15.23               | 15.23                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.56       | 41.69             |         |
| 6870.00      | 6870.00       | 6867.50   | 6867.50    | 15.30               | 15.30                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.43       | 41.51             |         |
| 6900.00      | 6900.00       | 6897.50   | 6897.50    | 15.37               | 15.36                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.29       | 41.33             |         |
| 6930.00      | 6930.00       | 6927.50   | 6927.50    | 15.44               | 15.43                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.16       | 41.15             |         |
| 6960.00      | 6960.00       | 6957.50   | 6957.50    | 15.50               | 15.50                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1239.02       | 40.97             |         |
| 6990.00      | 6990.00       | 6987.50   | 6987.50    | 15.57               | 15.57                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1238.89       | 40.79             |         |
| 7020.00      | 7020.00       | 7017.50   | 7017.50    | 15.64               | 15.63                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1238.75       | 40.61             |         |
| 7050.00      | 7050.00       | 7047.50   | 7047.50    | 15.71               | 15.70                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1238.62       | 40.44             |         |
| 7080.00      | 7080.00       | 7077.50   | 7077.50    | 15.77               | 15.77                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1238.48       | 40.27             |         |
| 7110.00      | 7110.00       | 7107.50   | 7107.50    | 15.84               | 15.83                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1238.35       | 40.10             |         |
| 7140.00      | 7140.00       | 7137.50   | 7137.50    | 15.91               | 15.90                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1238.21       | 39.93             |         |
| 7170.00      | 7170.00       | 7167.50   | 7167.50    | 15.98               | 15.97                  | 270.42                  | 9.26                  | -1269.99             | 1270.02          | 1238.08       | 39.76             |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 6  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |          | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|----------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East     |                  |               |                   |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft       | ft               | ft            |                   |         |
| 7200.00   | 7200.00 | 7197.50 | 7197.50 | 16.04           | 16.04  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.94       | 39.59             |         |
| 7230.00   | 7230.00 | 7227.50 | 7227.50 | 16.11           | 16.10  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.81       | 39.42             |         |
| 7260.00   | 7260.00 | 7257.50 | 7257.50 | 16.18           | 16.17  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.67       | 39.26             |         |
| 7290.00   | 7290.00 | 7287.50 | 7287.50 | 16.24           | 16.24  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.54       | 39.10             |         |
| 7320.00   | 7320.00 | 7317.50 | 7317.50 | 16.31           | 16.31  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.40       | 38.93             |         |
| 7350.00   | 7350.00 | 7347.50 | 7347.50 | 16.38           | 16.37  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.27       | 38.77             |         |
| 7380.00   | 7380.00 | 7377.50 | 7377.50 | 16.45           | 16.44  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.13       | 38.62             |         |
| 7410.00   | 7410.00 | 7407.50 | 7407.50 | 16.51           | 16.51  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1237.00       | 38.46             |         |
| 7440.00   | 7440.00 | 7437.50 | 7437.50 | 16.58           | 16.58  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1236.87       | 38.30             |         |
| 7470.00   | 7470.00 | 7467.50 | 7467.50 | 16.65           | 16.64  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1236.73       | 38.15             |         |
| 7500.00   | 7500.00 | 7497.50 | 7497.50 | 16.72           | 16.71  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1236.60       | 37.99             |         |
| 7530.00   | 7530.00 | 7527.50 | 7527.50 | 16.78           | 16.78  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1236.46       | 37.84             |         |
| 7560.00   | 7560.00 | 7557.50 | 7557.50 | 16.85           | 16.85  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1236.33       | 37.69             |         |
| 7590.00   | 7590.00 | 7587.50 | 7587.50 | 16.92           | 16.91  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1236.19       | 37.54             |         |
| 7620.00   | 7620.00 | 7617.50 | 7617.50 | 16.99           | 16.98  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1236.06       | 37.39             |         |
| 7650.00   | 7650.00 | 7647.50 | 7647.50 | 17.05           | 17.05  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1235.92       | 37.24             |         |
| 7680.00   | 7680.00 | 7677.50 | 7677.50 | 17.12           | 17.12  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1235.79       | 37.09             |         |
| 7710.00   | 7710.00 | 7707.50 | 7707.50 | 17.19           | 17.18  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1235.65       | 36.95             |         |
| 7740.00   | 7740.00 | 7737.50 | 7737.50 | 17.26           | 17.25  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1235.52       | 36.80             |         |
| 7770.00   | 7770.00 | 7767.50 | 7767.50 | 17.32           | 17.32  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1235.38       | 36.66             |         |
| 7800.00   | 7800.00 | 7797.50 | 7797.50 | 17.39           | 17.39  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1235.25       | 36.52             |         |
| 7830.00   | 7830.00 | 7827.50 | 7827.50 | 17.46           | 17.45  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1235.11       | 36.38             |         |
| 7860.00   | 7860.00 | 7857.50 | 7857.50 | 17.53           | 17.52  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1234.98       | 36.24             |         |
| 7890.00   | 7890.00 | 7887.50 | 7887.50 | 17.59           | 17.59  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1234.84       | 36.10             |         |
| 7920.00   | 7920.00 | 7917.50 | 7917.50 | 17.66           | 17.66  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1234.71       | 35.96             |         |
| 7950.00   | 7950.00 | 7947.50 | 7947.50 | 17.73           | 17.72  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1234.57       | 35.82             |         |
| 7980.00   | 7980.00 | 7977.50 | 7977.50 | 17.80           | 17.79  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1234.44       | 35.69             |         |
| 8010.00   | 8010.00 | 8007.50 | 8007.50 | 17.86           | 17.86  | 270.42 | 9.26            | -1269.99 | 1270.02          | 1234.30       | 35.55             |         |
| 8040.00   | 8040.00 | 8037.50 | 8037.50 | 17.93           | 17.93  | 10.49  | 9.26            | -1269.99 | 1269.85          | 1234.00       | 35.42             |         |
| 8070.00   | 8069.96 | 8067.46 | 8067.46 | 17.99           | 17.99  | 10.53  | 9.26            | -1269.99 | 1268.47          | 1232.52       | 35.29             |         |
| 8100.00   | 8099.83 | 8097.33 | 8097.33 | 18.05           | 18.06  | 10.60  | 9.26            | -1269.99 | 1265.70          | 1229.68       | 35.14             |         |
| 8130.00   | 8129.53 | 8127.03 | 8127.03 | 18.11           | 18.13  | 10.70  | 9.26            | -1269.99 | 1261.55          | 1225.49       | 34.99             |         |
| 8160.00   | 8158.99 | 8156.49 | 8156.49 | 18.16           | 18.19  | 10.85  | 9.26            | -1269.99 | 1256.03          | 1219.96       | 34.82             |         |
| 8190.00   | 8188.16 | 8185.66 | 8185.66 | 18.23           | 18.26  | 11.03  | 9.26            | -1269.99 | 1249.15          | 1213.10       | 34.64             |         |
| 8220.00   | 8216.97 | 8214.47 | 8214.47 | 18.29           | 18.32  | 11.25  | 9.26            | -1269.99 | 1240.94          | 1204.92       | 34.45             |         |
| 8250.00   | 8245.35 | 8242.85 | 8242.85 | 18.35           | 18.39  | 11.52  | 9.26            | -1269.99 | 1231.40          | 1195.44       | 34.25             |         |
| 8280.00   | 8273.25 | 8270.55 | 8270.55 | 18.42           | 18.45  | 11.83  | 9.29            | -1269.99 | 1220.56          | 1184.70       | 34.03             |         |
| 8310.00   | 8300.59 | 8296.99 | 8296.98 | 18.49           | 18.51  | 12.24  | 10.03           | -1269.99 | 1208.46          | 1172.71       | 33.81             |         |
| 8340.00   | 8327.32 | 8322.59 | 8322.52 | 18.57           | 18.56  | 12.75  | 11.67           | -1270.00 | 1195.14          | 1159.53       | 33.56             |         |
| 8370.00   | 8353.38 | 8347.21 | 8347.02 | 18.65           | 18.62  | 13.37  | 14.11           | -1270.00 | 1180.65          | 1145.19       | 33.30             |         |
| 8400.00   | 8378.71 | 8370.76 | 8370.37 | 18.74           | 18.67  | 14.11  | 17.23           | -1270.01 | 1165.02          | 1129.73       | 33.01             |         |
| 8430.00   | 8403.25 | 8393.15 | 8392.45 | 18.84           | 18.72  | 14.97  | 20.91           | -1270.02 | 1148.30          | 1113.19       | 32.71             |         |
| 8460.00   | 8426.96 | 8414.31 | 8413.21 | 18.95           | 18.76  | 15.96  | 25.02           | -1270.03 | 1130.55          | 1095.63       | 32.37             |         |
| 8490.00   | 8449.90 | 8434.35 | 8432.74 | 19.07           | 18.81  | 14.20  | 29.47           | -1270.04 | 1111.93          | 1077.10       | 31.93             |         |
| 8520.00   | 8472.79 | 8454.20 | 8451.97 | 19.20           | 18.85  | 9.36   | 34.42           | -1270.05 | 1093.14          | 1058.30       | 31.37             |         |
| 8550.00   | 8495.74 | 8474.07 | 8471.06 | 19.32           | 18.89  | 4.47   | 39.90           | -1270.06 | 1074.33          | 1039.44       | 30.80             |         |
| 8580.00   | 8518.67 | 8493.97 | 8490.03 | 19.46           | 18.93  | -0.45  | 45.93           | -1270.08 | 1055.53          | 1020.58       | 30.20             |         |
| 8610.00   | 8541.55 | 8513.94 | 8508.88 | 19.59           | 18.98  | 354.63 | 52.50           | -1270.10 | 1036.76          | 1001.72       | 29.59             |         |
| 8640.00   | 8564.32 | 8534.00 | 8527.63 | 19.72           | 19.02  | 349.75 | 59.62           | -1270.11 | 1018.07          | 982.91        | 28.95             |         |
| 8670.00   | 8586.93 | 8554.16 | 8546.27 | 19.85           | 19.07  | 344.94 | 67.32           | -1270.13 | 999.48           | 964.16        | 28.30             |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 7  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |          | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|----------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East     |                  |               |                   |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft       | ft               | ft            |                   |         |
| 8700.00   | 8609.34 | 8574.47 | 8564.82 | 19.97           | 19.11  | 340.22 | 75.59           | -1270.15 | 981.02           | 945.52        | 27.64             |         |
| 8730.00   | 8631.48 | 8594.93 | 8583.26 | 20.10           | 19.16  | 335.61 | 84.45           | -1270.17 | 962.72           | 927.01        | 26.96             |         |
| 8760.00   | 8653.32 | 8615.56 | 8601.59 | 20.23           | 19.21  | 331.14 | 93.92           | -1270.20 | 944.64           | 908.68        | 26.27             |         |
| 8790.00   | 8674.80 | 8636.40 | 8619.82 | 20.34           | 19.26  | 326.82 | 104.01          | -1270.22 | 926.78           | 890.55        | 25.58             |         |
| 8820.00   | 8695.88 | 8657.46 | 8637.93 | 20.46           | 19.32  | 322.66 | 114.75          | -1270.25 | 909.20           | 872.67        | 24.88             |         |
| 8850.00   | 8716.51 | 8678.75 | 8655.92 | 20.59           | 19.37  | 318.67 | 126.14          | -1270.28 | 891.93           | 855.06        | 24.19             |         |
| 8880.00   | 8736.64 | 8700.29 | 8673.77 | 20.71           | 19.43  | 314.84 | 138.20          | -1270.31 | 875.01           | 837.79        | 23.51             |         |
| 8910.00   | 8756.24 | 8722.11 | 8691.47 | 20.83           | 19.49  | 311.20 | 150.96          | -1270.34 | 858.48           | 820.88        | 22.83             |         |
| 8940.00   | 8775.24 | 8744.22 | 8709.00 | 20.95           | 19.56  | 307.73 | 164.44          | -1270.37 | 842.36           | 804.37        | 22.17             |         |
| 8970.00   | 8793.62 | 8766.64 | 8726.33 | 21.07           | 19.63  | 304.43 | 178.64          | -1270.40 | 826.71           | 788.31        | 21.53             |         |
| 9000.00   | 8811.34 | 8789.37 | 8743.45 | 21.19           | 19.70  | 301.31 | 193.60          | -1270.44 | 811.56           | 772.75        | 20.91             |         |
| 9030.00   | 8828.34 | 8812.44 | 8760.33 | 21.31           | 19.78  | 298.36 | 209.32          | -1270.48 | 796.94           | 757.72        | 20.32             |         |
| 9060.00   | 8844.61 | 8835.85 | 8776.94 | 21.43           | 19.87  | 295.57 | 225.82          | -1270.52 | 782.91           | 743.26        | 19.75             |         |
| 9090.00   | 8860.09 | 8859.62 | 8793.23 | 21.56           | 19.96  | 292.94 | 243.13          | -1270.56 | 769.48           | 729.41        | 19.20             |         |
| 9120.00   | 8874.75 | 8883.75 | 8809.18 | 21.68           | 20.06  | 290.47 | 261.24          | -1270.61 | 756.72           | 716.22        | 18.69             |         |
| 9150.00   | 8888.57 | 8908.26 | 8824.75 | 21.80           | 20.16  | 288.16 | 280.17          | -1270.65 | 744.64           | 703.72        | 18.20             |         |
| 9180.00   | 8901.52 | 8933.15 | 8839.88 | 21.92           | 20.28  | 285.99 | 299.93          | -1270.70 | 733.28           | 691.95        | 17.74             |         |
| 9210.00   | 8913.55 | 8958.42 | 8854.53 | 22.05           | 20.40  | 283.97 | 320.52          | -1270.75 | 722.68           | 680.95        | 17.32             |         |
| 9240.00   | 8924.65 | 8984.08 | 8868.66 | 22.17           | 20.53  | 282.10 | 341.94          | -1270.80 | 712.87           | 670.74        | 16.92             |         |
| 9270.00   | 8934.79 | 9010.13 | 8882.20 | 22.29           | 20.67  | 280.36 | 364.18          | -1270.86 | 703.88           | 661.35        | 16.55             |         |
| 9300.00   | 8943.95 | 9036.56 | 8895.11 | 22.41           | 20.82  | 278.76 | 387.24          | -1270.91 | 695.73           | 652.83        | 16.22             |         |
| 9330.00   | 8952.12 | 9063.36 | 8907.32 | 22.53           | 20.98  | 277.30 | 411.10          | -1270.97 | 688.45           | 645.17        | 15.91             |         |
| 9360.00   | 8959.26 | 9090.54 | 8918.79 | 22.64           | 21.15  | 275.97 | 435.74          | -1271.03 | 682.06           | 638.42        | 15.63             |         |
| 9390.00   | 8965.36 | 9118.07 | 8929.44 | 22.75           | 21.34  | 274.77 | 461.13          | -1271.09 | 676.58           | 632.58        | 15.38             |         |
| 9420.00   | 8970.42 | 9145.95 | 8939.22 | 22.87           | 21.53  | 273.71 | 487.23          | -1271.16 | 672.03           | 627.68        | 15.15             |         |
| 9450.00   | 8974.42 | 9174.16 | 8948.08 | 22.97           | 21.74  | 272.77 | 514.01          | -1271.22 | 668.41           | 623.71        | 14.96             |         |
| 9480.00   | 8977.35 | 9202.68 | 8955.95 | 23.08           | 21.96  | 271.97 | 541.42          | -1271.29 | 665.73           | 620.70        | 14.78             |         |
| 9510.00   | 8979.20 | 9231.48 | 8962.79 | 23.18           | 22.19  | 271.31 | 569.39          | -1271.36 | 664.01           | 618.64        | 14.64             |         |
| 9540.00   | 8979.97 | 9260.55 | 8968.55 | 23.28           | 22.43  | 270.78 | 597.88          | -1271.43 | 663.23           | 617.54        | 14.51             |         |
| 9570.00   | 8980.00 | 9289.90 | 8973.18 | 23.32           | 22.68  | 270.37 | 626.87          | -1271.50 | 663.13           | 616.96        | 14.36             |         |
| 9600.00   | 8980.00 | 9319.59 | 8976.66 | 23.79           | 22.95  | 270.07 | 656.35          | -1271.57 | 663.09           | 616.38        | 14.19             |         |
| 9630.00   | 8980.00 | 9349.52 | 8978.92 | 24.08           | 23.22  | 269.88 | 686.19          | -1271.65 | 663.06           | 615.79        | 14.03             |         |
| 9660.00   | 8980.00 | 9379.58 | 8979.94 | 24.38           | 23.50  | 269.79 | 716.24          | -1271.72 | 663.03           | 615.18        | 13.86             |         |
| 9690.00   | 8980.00 | 9409.62 | 8980.00 | 24.67           | 23.80  | 269.78 | 746.27          | -1271.79 | 663.00           | 614.57        | 13.69             |         |
| 9720.00   | 8980.00 | 9439.62 | 8980.00 | 24.98           | 24.11  | 269.78 | 776.27          | -1271.87 | 662.97           | 613.92        | 13.52             |         |
| 9750.00   | 8980.00 | 9469.62 | 8980.00 | 25.30           | 24.41  | 269.78 | 806.27          | -1271.94 | 662.94           | 613.27        | 13.35             |         |
| 9780.00   | 8980.00 | 9499.62 | 8980.00 | 25.62           | 24.72  | 269.78 | 836.27          | -1272.01 | 662.91           | 612.61        | 13.18             |         |
| 9810.00   | 8980.00 | 9529.62 | 8980.00 | 25.94           | 25.05  | 269.78 | 866.27          | -1272.09 | 662.88           | 611.92        | 13.01             |         |
| 9840.00   | 8980.00 | 9559.62 | 8980.00 | 26.29           | 25.39  | 269.78 | 896.27          | -1272.16 | 662.85           | 611.21        | 12.84             |         |
| 9870.00   | 8980.00 | 9589.62 | 8980.00 | 26.63           | 25.72  | 269.78 | 926.27          | -1272.23 | 662.82           | 610.50        | 12.67             |         |
| 9900.00   | 8980.00 | 9619.62 | 8980.00 | 26.97           | 26.07  | 269.78 | 956.27          | -1272.31 | 662.79           | 609.78        | 12.50             |         |
| 9930.00   | 8980.00 | 9649.62 | 8980.00 | 27.34           | 26.43  | 269.78 | 986.27          | -1272.38 | 662.76           | 609.03        | 12.33             |         |
| 9960.00   | 8980.00 | 9679.62 | 8980.00 | 27.70           | 26.78  | 269.78 | 1016.27         | -1272.45 | 662.73           | 608.28        | 12.17             |         |
| 9990.00   | 8980.00 | 9709.62 | 8980.00 | 28.07           | 27.15  | 269.78 | 1046.27         | -1272.53 | 662.70           | 607.52        | 12.01             |         |
| 10020.00  | 8980.00 | 9739.62 | 8980.00 | 28.45           | 27.52  | 269.78 | 1076.27         | -1272.60 | 662.67           | 606.73        | 11.85             |         |
| 10050.00  | 8980.00 | 9769.62 | 8980.00 | 28.83           | 27.90  | 269.78 | 1106.27         | -1272.67 | 662.64           | 605.94        | 11.69             |         |
| 10080.00  | 8980.00 | 9799.62 | 8980.00 | 29.21           | 28.28  | 269.78 | 1136.27         | -1272.75 | 662.61           | 605.15        | 11.53             |         |
| 10110.00  | 8980.00 | 9829.62 | 8980.00 | 29.60           | 28.67  | 269.78 | 1166.27         | -1272.82 | 662.58           | 604.33        | 11.38             |         |
| 10140.00  | 8980.01 | 9859.62 | 8980.00 | 30.00           | 29.07  | 269.78 | 1196.27         | -1272.89 | 662.55           | 603.51        | 11.22             |         |
| 10170.00  | 8980.01 | 9889.62 | 8980.00 | 30.40           | 29.46  | 269.78 | 1226.27         | -1272.97 | 662.52           | 602.68        | 11.07             |         |
| 10200.00  | 8980.01 | 9919.62 | 8980.00 | 30.81           | 29.87  | 269.78 | 1256.27         | -1273.04 | 662.49           | 601.85        | 10.92             |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 8  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr        | Edge           | Separation | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|----------------|----------------|------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft | Distance<br>ft | Distance<br>ft | Factor     |         |
| 10230.00  | 8980.01   | 9949.62  | 8980.00   | 31.22           | 30.28        | 269.78        | 1286.27         | -1273.11   | 662.46         | 600.99         | 10.78      |         |
| 10260.00  | 8980.01   | 9979.62  | 8980.00   | 31.63           | 30.69        | 269.78        | 1316.27         | -1273.19   | 662.43         | 600.13         | 10.63      |         |
| 10290.00  | 8980.01   | 10009.62 | 8980.00   | 32.05           | 31.11        | 269.78        | 1346.27         | -1273.26   | 662.40         | 599.27         | 10.49      |         |
| 10320.00  | 8980.01   | 10039.62 | 8980.00   | 32.47           | 31.53        | 269.78        | 1376.27         | -1273.33   | 662.36         | 598.39         | 10.35      |         |
| 10350.00  | 8980.01   | 10069.62 | 8980.00   | 32.90           | 31.95        | 269.78        | 1406.27         | -1273.41   | 662.33         | 597.51         | 10.22      |         |
| 10380.00  | 8980.01   | 10099.62 | 8980.00   | 33.33           | 32.38        | 269.78        | 1436.27         | -1273.48   | 662.30         | 596.63         | 10.08      |         |
| 10410.00  | 8980.01   | 10129.62 | 8980.00   | 33.76           | 32.81        | 269.78        | 1466.27         | -1273.55   | 662.27         | 595.73         | 9.95       |         |
| 10440.00  | 8980.01   | 10159.62 | 8980.00   | 34.20           | 33.25        | 269.78        | 1496.27         | -1273.63   | 662.24         | 594.83         | 9.82       |         |
| 10470.00  | 8980.01   | 10189.62 | 8980.00   | 34.64           | 33.69        | 269.78        | 1526.27         | -1273.70   | 662.21         | 593.92         | 9.70       |         |
| 10500.00  | 8980.01   | 10219.62 | 8980.00   | 35.08           | 34.13        | 269.78        | 1556.27         | -1273.77   | 662.18         | 593.01         | 9.57       |         |
| 10530.00  | 8980.01   | 10249.62 | 8980.00   | 35.52           | 34.58        | 269.78        | 1586.26         | -1273.85   | 662.15         | 592.08         | 9.45       |         |
| 10560.00  | 8980.01   | 10279.62 | 8980.00   | 35.97           | 35.02        | 269.78        | 1616.26         | -1273.92   | 662.12         | 591.16         | 9.33       |         |
| 10590.00  | 8980.01   | 10309.62 | 8980.00   | 36.42           | 35.47        | 269.78        | 1646.26         | -1273.99   | 662.09         | 590.23         | 9.21       |         |
| 10620.00  | 8980.01   | 10339.62 | 8980.00   | 36.88           | 35.93        | 269.78        | 1676.26         | -1274.07   | 662.06         | 589.29         | 9.10       |         |
| 10650.00  | 8980.01   | 10369.62 | 8980.00   | 37.33           | 36.38        | 269.78        | 1706.26         | -1274.14   | 662.03         | 588.34         | 8.98       |         |
| 10680.00  | 8980.01   | 10399.62 | 8980.00   | 37.79           | 36.84        | 269.78        | 1736.26         | -1274.21   | 662.00         | 587.40         | 8.87       |         |
| 10710.00  | 8980.01   | 10429.62 | 8980.00   | 38.25           | 37.30        | 269.78        | 1766.26         | -1274.29   | 661.97         | 586.45         | 8.77       |         |
| 10740.00  | 8980.01   | 10459.61 | 8980.00   | 38.71           | 37.77        | 269.78        | 1796.26         | -1274.36   | 661.94         | 585.49         | 8.66       |         |
| 10770.00  | 8980.01   | 10489.61 | 8980.00   | 39.18           | 38.23        | 269.78        | 1826.26         | -1274.43   | 661.91         | 584.53         | 8.55       |         |
| 10800.00  | 8980.01   | 10519.61 | 8980.00   | 39.64           | 38.70        | 269.78        | 1856.26         | -1274.51   | 661.88         | 583.57         | 8.45       |         |
| 10830.00  | 8980.01   | 10549.61 | 8980.00   | 40.12           | 39.17        | 269.78        | 1886.26         | -1274.58   | 661.85         | 582.59         | 8.35       |         |
| 10860.00  | 8980.01   | 10579.61 | 8980.00   | 40.59           | 39.64        | 269.78        | 1916.26         | -1274.65   | 661.82         | 581.62         | 8.25       |         |
| 10890.00  | 8980.01   | 10609.61 | 8980.00   | 41.06           | 40.11        | 269.78        | 1946.26         | -1274.73   | 661.79         | 580.64         | 8.16       |         |
| 10920.00  | 8980.01   | 10639.61 | 8980.00   | 41.54           | 40.59        | 269.78        | 1976.26         | -1274.80   | 661.76         | 579.66         | 8.06       |         |
| 10950.00  | 8980.01   | 10669.61 | 8980.00   | 42.01           | 41.07        | 269.78        | 2006.26         | -1274.87   | 661.73         | 578.68         | 7.97       |         |
| 10980.00  | 8980.01   | 10699.61 | 8980.00   | 42.49           | 41.54        | 269.78        | 2036.26         | -1274.95   | 661.70         | 577.69         | 7.88       |         |
| 11010.00  | 8980.01   | 10729.61 | 8980.00   | 42.97           | 42.03        | 269.78        | 2066.26         | -1275.02   | 661.67         | 576.70         | 7.79       |         |
| 11040.00  | 8980.01   | 10759.61 | 8980.00   | 43.45           | 42.51        | 269.78        | 2096.26         | -1275.09   | 661.64         | 575.70         | 7.70       |         |
| 11070.00  | 8980.01   | 10789.61 | 8980.00   | 43.94           | 42.99        | 269.78        | 2126.26         | -1275.17   | 661.61         | 574.70         | 7.61       |         |
| 11100.00  | 8980.01   | 10819.61 | 8980.00   | 44.42           | 43.48        | 269.78        | 2156.26         | -1275.24   | 661.57         | 573.70         | 7.53       |         |
| 11130.00  | 8980.01   | 10849.61 | 8980.00   | 44.91           | 43.97        | 269.78        | 2186.26         | -1275.31   | 661.54         | 572.70         | 7.45       |         |
| 11160.00  | 8980.01   | 10879.61 | 8980.00   | 45.40           | 44.45        | 269.78        | 2216.26         | -1275.39   | 661.51         | 571.69         | 7.36       |         |
| 11190.00  | 8980.01   | 10909.61 | 8980.00   | 45.88           | 44.94        | 269.78        | 2246.26         | -1275.46   | 661.48         | 570.68         | 7.29       |         |
| 11220.00  | 8980.01   | 10939.61 | 8980.00   | 46.37           | 45.43        | 269.78        | 2276.26         | -1275.53   | 661.45         | 569.67         | 7.21       |         |
| 11250.00  | 8980.01   | 10969.61 | 8980.00   | 46.87           | 45.93        | 269.78        | 2306.26         | -1275.61   | 661.42         | 568.66         | 7.13       |         |
| 11280.00  | 8980.02   | 10999.61 | 8980.00   | 47.36           | 46.42        | 269.78        | 2336.26         | -1275.68   | 661.39         | 567.64         | 7.05       |         |
| 11310.00  | 8980.02   | 11029.61 | 8980.00   | 47.85           | 46.92        | 269.78        | 2366.26         | -1275.75   | 661.36         | 566.62         | 6.98       |         |
| 11340.00  | 8980.02   | 11059.61 | 8980.00   | 48.35           | 47.41        | 269.78        | 2396.26         | -1275.83   | 661.33         | 565.60         | 6.91       |         |
| 11370.00  | 8980.02   | 11089.61 | 8980.00   | 48.85           | 47.91        | 269.78        | 2426.26         | -1275.90   | 661.30         | 564.57         | 6.84       |         |
| 11400.00  | 8980.02   | 11119.61 | 8980.00   | 49.34           | 48.41        | 269.78        | 2456.26         | -1275.97   | 661.27         | 563.55         | 6.77       |         |
| 11430.00  | 8980.02   | 11149.61 | 8980.00   | 49.84           | 48.91        | 269.78        | 2486.26         | -1276.05   | 661.24         | 562.52         | 6.70       |         |
| 11460.00  | 8980.02   | 11179.61 | 8980.00   | 50.34           | 49.41        | 269.78        | 2516.26         | -1276.12   | 661.21         | 561.49         | 6.63       |         |
| 11490.00  | 8980.02   | 11209.61 | 8980.00   | 50.84           | 49.91        | 269.78        | 2546.26         | -1276.19   | 661.18         | 560.46         | 6.56       |         |
| 11520.00  | 8980.02   | 11239.61 | 8980.00   | 51.34           | 50.41        | 269.78        | 2576.26         | -1276.27   | 661.15         | 559.42         | 6.50       |         |
| 11550.00  | 8980.02   | 11269.61 | 8980.00   | 51.85           | 50.91        | 269.78        | 2606.26         | -1276.34   | 661.12         | 558.38         | 6.44       |         |
| 11580.00  | 8980.02   | 11299.61 | 8980.00   | 52.35           | 51.42        | 269.78        | 2636.26         | -1276.41   | 661.09         | 557.35         | 6.37       |         |
| 11610.00  | 8980.02   | 11329.61 | 8980.00   | 52.85           | 51.92        | 269.78        | 2666.26         | -1276.49   | 661.06         | 556.31         | 6.31       |         |
| 11640.00  | 8980.02   | 11359.61 | 8980.00   | 53.36           | 52.43        | 269.78        | 2696.26         | -1276.56   | 661.03         | 555.26         | 6.25       |         |
| 11670.00  | 8980.02   | 11389.61 | 8980.00   | 53.86           | 52.93        | 269.78        | 2726.26         | -1276.63   | 661.00         | 554.22         | 6.19       |         |
| 11700.00  | 8980.02   | 11419.61 | 8980.00   | 54.37           | 53.44        | 269.78        | 2756.26         | -1276.71   | 660.97         | 553.18         | 6.13       |         |
| 11730.00  | 8980.02   | 11449.61 | 8980.00   | 54.88           | 53.95        | 269.78        | 2786.26         | -1276.78   | 660.94         | 552.13         | 6.07       |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 9  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              | Offset Location |             |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|-----------------|-------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg   | North<br>ft | East<br>ft |                           |                        |                      |         |
| 11760.00  | 8980.02   | 11479.61 | 8980.00   | 55.39           | 54.46        | 269.78          | 2816.26     | -1276.85   | 660.91                    | 551.08                 | 6.02                 |         |
| 11790.00  | 8980.02   | 11509.61 | 8980.00   | 55.90           | 54.97        | 269.78          | 2846.26     | -1276.93   | 660.88                    | 550.03                 | 5.96                 |         |
| 11820.00  | 8980.02   | 11539.61 | 8980.00   | 56.41           | 55.48        | 269.78          | 2876.26     | -1277.00   | 660.85                    | 548.98                 | 5.91                 |         |
| 11850.00  | 8980.02   | 11569.61 | 8980.00   | 56.92           | 55.99        | 269.78          | 2906.26     | -1277.07   | 660.82                    | 547.93                 | 5.85                 |         |
| 11880.00  | 8980.02   | 11599.61 | 8980.00   | 57.43           | 56.50        | 269.79          | 2936.26     | -1277.15   | 660.79                    | 546.88                 | 5.80                 |         |
| 11910.00  | 8980.02   | 11629.61 | 8980.00   | 57.94           | 57.02        | 269.79          | 2966.26     | -1277.22   | 660.75                    | 545.82                 | 5.75                 |         |
| 11940.00  | 8980.02   | 11659.61 | 8980.00   | 58.45           | 57.53        | 269.79          | 2996.26     | -1277.29   | 660.72                    | 544.76                 | 5.70                 |         |
| 11970.00  | 8980.02   | 11689.61 | 8980.00   | 58.97           | 58.04        | 269.79          | 3026.26     | -1277.37   | 660.69                    | 543.71                 | 5.65                 |         |
| 12000.00  | 8980.02   | 11719.61 | 8980.00   | 59.48           | 58.56        | 269.79          | 3056.26     | -1277.44   | 660.66                    | 542.65                 | 5.60                 |         |
| 12030.00  | 8980.02   | 11749.61 | 8980.00   | 59.99           | 59.07        | 269.79          | 3086.26     | -1277.51   | 660.63                    | 541.59                 | 5.55                 |         |
| 12060.00  | 8980.02   | 11779.61 | 8980.00   | 60.51           | 59.59        | 269.79          | 3116.26     | -1277.59   | 660.60                    | 540.53                 | 5.50                 |         |
| 12090.00  | 8980.02   | 11809.61 | 8980.00   | 61.02           | 60.10        | 269.79          | 3146.26     | -1277.66   | 660.57                    | 539.46                 | 5.45                 |         |
| 12120.00  | 8980.02   | 11839.61 | 8980.00   | 61.54           | 60.62        | 269.79          | 3176.26     | -1277.73   | 660.54                    | 538.40                 | 5.41                 |         |
| 12150.00  | 8980.02   | 11869.61 | 8980.00   | 62.06           | 61.14        | 269.79          | 3206.26     | -1277.81   | 660.51                    | 537.34                 | 5.36                 |         |
| 12180.00  | 8980.02   | 11899.61 | 8980.00   | 62.57           | 61.66        | 269.79          | 3236.26     | -1277.88   | 660.48                    | 536.27                 | 5.32                 |         |
| 12210.00  | 8980.02   | 11929.61 | 8980.00   | 63.09           | 62.18        | 269.79          | 3266.26     | -1277.95   | 660.45                    | 535.20                 | 5.27                 |         |
| 12240.00  | 8980.02   | 11959.61 | 8980.00   | 63.61           | 62.69        | 269.79          | 3296.26     | -1278.03   | 660.42                    | 534.14                 | 5.23                 |         |
| 12270.00  | 8980.02   | 11989.61 | 8980.00   | 64.13           | 63.21        | 269.79          | 3326.26     | -1278.10   | 660.39                    | 533.07                 | 5.19                 |         |
| 12300.00  | 8980.02   | 12019.61 | 8980.00   | 64.65           | 63.73        | 269.79          | 3356.26     | -1278.17   | 660.36                    | 532.00                 | 5.14                 |         |
| 12330.00  | 8980.02   | 12049.61 | 8980.00   | 65.17           | 64.25        | 269.79          | 3386.26     | -1278.25   | 660.33                    | 530.93                 | 5.10                 |         |
| 12360.00  | 8980.02   | 12079.61 | 8980.00   | 65.69           | 64.78        | 269.79          | 3416.26     | -1278.32   | 660.30                    | 529.85                 | 5.06                 |         |
| 12390.00  | 8980.02   | 12109.61 | 8980.00   | 66.21           | 65.30        | 269.79          | 3446.26     | -1278.39   | 660.27                    | 528.78                 | 5.02                 |         |
| 12420.00  | 8980.03   | 12139.61 | 8980.00   | 66.73           | 65.82        | 269.79          | 3476.26     | -1278.47   | 660.24                    | 527.71                 | 4.98                 |         |
| 12450.00  | 8980.03   | 12169.61 | 8980.00   | 67.25           | 66.34        | 269.79          | 3506.26     | -1278.54   | 660.21                    | 526.63                 | 4.94                 |         |
| 12480.00  | 8980.03   | 12199.61 | 8980.00   | 67.77           | 66.86        | 269.79          | 3536.26     | -1278.61   | 660.18                    | 525.56                 | 4.90                 |         |
| 12510.00  | 8980.03   | 12229.61 | 8980.00   | 68.30           | 67.39        | 269.79          | 3566.26     | -1278.69   | 660.15                    | 524.48                 | 4.87                 |         |
| 12540.00  | 8980.03   | 12259.61 | 8980.00   | 68.82           | 67.91        | 269.79          | 3596.26     | -1278.76   | 660.12                    | 523.41                 | 4.83                 |         |
| 12570.00  | 8980.03   | 12289.61 | 8980.00   | 69.34           | 68.43        | 269.79          | 3626.26     | -1278.83   | 660.09                    | 522.33                 | 4.79                 |         |
| 12600.00  | 8980.03   | 12319.61 | 8980.00   | 69.87           | 68.96        | 269.79          | 3656.26     | -1278.91   | 660.06                    | 521.25                 | 4.76                 |         |
| 12630.00  | 8980.03   | 12349.61 | 8980.00   | 70.39           | 69.48        | 269.79          | 3686.26     | -1278.98   | 660.03                    | 520.17                 | 4.72                 |         |
| 12660.00  | 8980.03   | 12379.61 | 8980.00   | 70.91           | 70.01        | 269.79          | 3716.26     | -1279.05   | 660.00                    | 519.09                 | 4.68                 |         |
| 12690.00  | 8980.03   | 12409.61 | 8980.00   | 71.44           | 70.53        | 269.79          | 3746.26     | -1279.13   | 659.97                    | 518.01                 | 4.65                 |         |
| 12720.00  | 8980.03   | 12439.61 | 8980.00   | 71.96           | 71.06        | 269.79          | 3776.26     | -1279.20   | 659.93                    | 516.93                 | 4.61                 |         |
| 12750.00  | 8980.03   | 12469.61 | 8980.00   | 72.49           | 71.58        | 269.79          | 3806.26     | -1279.27   | 659.90                    | 515.85                 | 4.58                 |         |
| 12780.00  | 8980.03   | 12499.61 | 8980.00   | 73.01           | 72.11        | 269.79          | 3836.26     | -1279.35   | 659.87                    | 514.77                 | 4.55                 |         |
| 12810.00  | 8980.03   | 12529.61 | 8980.00   | 73.54           | 72.64        | 269.79          | 3866.26     | -1279.42   | 659.84                    | 513.69                 | 4.51                 |         |
| 12840.00  | 8980.03   | 12559.61 | 8980.00   | 74.07           | 73.16        | 269.79          | 3896.26     | -1279.49   | 659.81                    | 512.60                 | 4.48                 |         |
| 12870.00  | 8980.03   | 12589.61 | 8980.00   | 74.59           | 73.69        | 269.79          | 3926.26     | -1279.57   | 659.78                    | 511.52                 | 4.45                 |         |
| 12900.00  | 8980.03   | 12619.61 | 8980.00   | 75.12           | 74.22        | 269.79          | 3956.26     | -1279.64   | 659.75                    | 510.43                 | 4.42                 |         |
| 12930.00  | 8980.03   | 12649.61 | 8980.00   | 75.65           | 74.74        | 269.79          | 3986.26     | -1279.71   | 659.72                    | 509.35                 | 4.39                 |         |
| 12960.00  | 8980.03   | 12679.61 | 8980.00   | 76.18           | 75.27        | 269.79          | 4016.26     | -1279.79   | 659.69                    | 508.26                 | 4.36                 |         |
| 12990.00  | 8980.03   | 12709.61 | 8980.00   | 76.70           | 75.80        | 269.79          | 4046.26     | -1279.86   | 659.66                    | 507.18                 | 4.33                 |         |
| 13020.00  | 8980.03   | 12739.61 | 8980.00   | 77.23           | 76.33        | 269.79          | 4076.26     | -1279.93   | 659.63                    | 506.09                 | 4.30                 |         |
| 13050.00  | 8980.03   | 12769.61 | 8980.00   | 77.76           | 76.86        | 269.79          | 4106.26     | -1280.01   | 659.60                    | 505.00                 | 4.27                 |         |
| 13080.00  | 8980.03   | 12799.61 | 8980.00   | 78.29           | 77.39        | 269.79          | 4136.26     | -1280.08   | 659.57                    | 503.91                 | 4.24                 |         |
| 13110.00  | 8980.03   | 12829.61 | 8980.00   | 78.82           | 77.92        | 269.79          | 4166.26     | -1280.15   | 659.54                    | 502.82                 | 4.21                 |         |
| 13140.00  | 8980.03   | 12859.61 | 8980.00   | 79.35           | 78.45        | 269.79          | 4196.26     | -1280.23   | 659.51                    | 501.73                 | 4.18                 |         |
| 13170.00  | 8980.03   | 12889.61 | 8980.00   | 79.88           | 78.98        | 269.79          | 4226.26     | -1280.30   | 659.48                    | 500.64                 | 4.15                 |         |
| 13200.00  | 8980.03   | 12919.61 | 8980.00   | 80.40           | 79.51        | 269.79          | 4256.26     | -1280.37   | 659.45                    | 499.55                 | 4.12                 |         |
| 13230.00  | 8980.03   | 12949.61 | 8980.00   | 80.93           | 80.04        | 269.79          | 4286.26     | -1280.45   | 659.42                    | 498.46                 | 4.10                 |         |
| 13260.00  | 8980.03   | 12979.61 | 8980.00   | 81.46           | 80.57        | 269.79          | 4316.26     | -1280.52   | 659.39                    | 497.37                 | 4.07                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 10  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              | Offset Location |             | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|-----------------|-------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg   | North<br>ft |                           |                        |                      |         |
| 13290.00  | 8980.03   | 13009.61 | 8980.00   | 82.00           | 81.10        | 269.79          | 4346.26     | -1280.59                  | 659.36                 | 496.28               | 4.04    |
| 13320.00  | 8980.03   | 13039.61 | 8980.00   | 82.53           | 81.63        | 269.79          | 4376.26     | -1280.67                  | 659.33                 | 495.19               | 4.02    |
| 13350.00  | 8980.03   | 13069.61 | 8980.00   | 83.06           | 82.16        | 269.79          | 4406.26     | -1280.74                  | 659.30                 | 494.10               | 3.99    |
| 13380.00  | 8980.03   | 13099.61 | 8980.00   | 83.59           | 82.69        | 269.79          | 4436.25     | -1280.81                  | 659.27                 | 493.00               | 3.97    |
| 13410.00  | 8980.03   | 13129.61 | 8980.00   | 84.12           | 83.22        | 269.79          | 4466.25     | -1280.89                  | 659.24                 | 491.91               | 3.94    |
| 13440.00  | 8980.03   | 13159.61 | 8980.00   | 84.65           | 83.76        | 269.79          | 4496.25     | -1280.96                  | 659.21                 | 490.82               | 3.91    |
| 13470.00  | 8980.03   | 13189.61 | 8980.00   | 85.18           | 84.29        | 269.79          | 4526.25     | -1281.03                  | 659.18                 | 489.72               | 3.89    |
| 13500.00  | 8980.03   | 13219.61 | 8980.00   | 85.71           | 84.82        | 269.79          | 4556.25     | -1281.11                  | 659.15                 | 488.63               | 3.87    |
| 13530.00  | 8980.03   | 13249.61 | 8980.00   | 86.25           | 85.35        | 269.79          | 4586.25     | -1281.18                  | 659.11                 | 487.53               | 3.84    |
| 13560.00  | 8980.04   | 13279.61 | 8980.00   | 86.78           | 85.89        | 269.79          | 4616.25     | -1281.25                  | 659.08                 | 486.44               | 3.82    |
| 13590.00  | 8980.04   | 13309.61 | 8980.00   | 87.31           | 86.42        | 269.79          | 4646.25     | -1281.33                  | 659.05                 | 485.34               | 3.79    |
| 13620.00  | 8980.04   | 13339.61 | 8980.00   | 87.84           | 86.95        | 269.79          | 4676.25     | -1281.40                  | 659.02                 | 484.24               | 3.77    |
| 13650.00  | 8980.04   | 13369.61 | 8980.00   | 88.38           | 87.49        | 269.79          | 4706.25     | -1281.47                  | 658.99                 | 483.15               | 3.75    |
| 13680.00  | 8980.04   | 13399.61 | 8980.00   | 88.91           | 88.02        | 269.79          | 4736.25     | -1281.55                  | 658.96                 | 482.05               | 3.72    |
| 13710.00  | 8980.04   | 13429.61 | 8980.00   | 89.44           | 88.55        | 269.79          | 4766.25     | -1281.62                  | 658.93                 | 480.95               | 3.70    |
| 13740.00  | 8980.04   | 13459.61 | 8980.00   | 89.98           | 89.09        | 269.79          | 4796.25     | -1281.69                  | 658.90                 | 479.86               | 3.68    |
| 13770.00  | 8980.04   | 13489.61 | 8980.00   | 90.51           | 89.62        | 269.79          | 4826.25     | -1281.77                  | 658.87                 | 478.76               | 3.66    |
| 13800.00  | 8980.04   | 13519.61 | 8980.00   | 91.04           | 90.15        | 269.79          | 4856.25     | -1281.84                  | 658.84                 | 477.66               | 3.64    |
| 13830.00  | 8980.04   | 13549.61 | 8980.00   | 91.58           | 90.69        | 269.79          | 4886.25     | -1281.91                  | 658.81                 | 476.56               | 3.61    |
| 13860.00  | 8980.04   | 13579.61 | 8980.00   | 92.11           | 91.22        | 269.79          | 4916.25     | -1281.99                  | 658.78                 | 475.46               | 3.59    |
| 13890.00  | 8980.04   | 13609.61 | 8980.00   | 92.65           | 91.76        | 269.79          | 4946.25     | -1282.06                  | 658.75                 | 474.36               | 3.57    |
| 13920.00  | 8980.04   | 13639.61 | 8980.00   | 93.18           | 92.29        | 269.79          | 4976.25     | -1282.13                  | 658.72                 | 473.26               | 3.55    |
| 13950.00  | 8980.04   | 13669.61 | 8980.00   | 93.71           | 92.83        | 269.79          | 5006.25     | -1282.21                  | 658.69                 | 472.16               | 3.53    |
| 13980.00  | 8980.04   | 13699.61 | 8980.00   | 94.25           | 93.36        | 269.79          | 5036.25     | -1282.28                  | 658.66                 | 471.06               | 3.51    |
| 14010.00  | 8980.04   | 13729.61 | 8980.00   | 94.78           | 93.90        | 269.79          | 5066.25     | -1282.35                  | 658.63                 | 469.96               | 3.49    |
| 14040.00  | 8980.04   | 13759.61 | 8980.00   | 95.32           | 94.43        | 269.79          | 5096.25     | -1282.43                  | 658.60                 | 468.86               | 3.47    |
| 14070.00  | 8980.04   | 13789.61 | 8980.00   | 95.85           | 94.97        | 269.79          | 5126.25     | -1282.50                  | 658.57                 | 467.76               | 3.45    |
| 14100.00  | 8980.04   | 13819.61 | 8980.00   | 96.39           | 95.50        | 269.79          | 5156.25     | -1282.57                  | 658.54                 | 466.66               | 3.43    |
| 14130.00  | 8980.04   | 13849.61 | 8980.00   | 96.93           | 96.04        | 269.79          | 5186.25     | -1282.65                  | 658.51                 | 465.56               | 3.41    |
| 14160.00  | 8980.04   | 13879.61 | 8980.00   | 97.46           | 96.58        | 269.79          | 5216.25     | -1282.72                  | 658.48                 | 464.45               | 3.39    |
| 14190.00  | 8980.04   | 13909.61 | 8980.00   | 98.00           | 97.11        | 269.79          | 5246.25     | -1282.79                  | 658.45                 | 463.35               | 3.38    |
| 14220.00  | 8980.04   | 13939.61 | 8980.00   | 98.53           | 97.65        | 269.79          | 5276.25     | -1282.87                  | 658.42                 | 462.25               | 3.36    |
| 14250.00  | 8980.04   | 13969.61 | 8980.00   | 99.07           | 98.18        | 269.79          | 5306.25     | -1282.94                  | 658.39                 | 461.15               | 3.34    |
| 14280.00  | 8980.04   | 13999.61 | 8980.00   | 99.60           | 98.72        | 269.79          | 5336.25     | -1283.01                  | 658.36                 | 460.04               | 3.32    |
| 14310.00  | 8980.04   | 14029.61 | 8980.00   | 100.14          | 99.26        | 269.79          | 5366.25     | -1283.09                  | 658.33                 | 458.94               | 3.30    |
| 14340.00  | 8980.04   | 14059.61 | 8980.00   | 100.68          | 99.79        | 269.79          | 5396.25     | -1283.16                  | 658.29                 | 457.84               | 3.28    |
| 14370.00  | 8980.04   | 14089.61 | 8980.00   | 101.21          | 100.33       | 269.79          | 5426.25     | -1283.23                  | 658.26                 | 456.73               | 3.27    |
| 14400.00  | 8980.04   | 14119.61 | 8980.00   | 101.75          | 100.87       | 269.79          | 5456.25     | -1283.31                  | 658.23                 | 455.63               | 3.25    |
| 14430.00  | 8980.04   | 14149.61 | 8980.00   | 102.29          | 101.41       | 269.79          | 5486.25     | -1283.38                  | 658.20                 | 454.52               | 3.23    |
| 14460.00  | 8980.04   | 14179.61 | 8980.00   | 102.82          | 101.94       | 269.79          | 5516.25     | -1283.45                  | 658.17                 | 453.42               | 3.21    |
| 14490.00  | 8980.04   | 14209.61 | 8980.00   | 103.36          | 102.48       | 269.79          | 5546.25     | -1283.53                  | 658.14                 | 452.32               | 3.20    |
| 14520.00  | 8980.04   | 14239.61 | 8980.00   | 103.90          | 103.02       | 269.79          | 5576.25     | -1283.60                  | 658.11                 | 451.21               | 3.18    |
| 14550.00  | 8980.04   | 14269.61 | 8980.00   | 104.44          | 103.56       | 269.79          | 5606.25     | -1283.67                  | 658.08                 | 450.11               | 3.16    |
| 14580.00  | 8980.04   | 14299.61 | 8980.00   | 104.97          | 104.09       | 269.79          | 5636.25     | -1283.75                  | 658.05                 | 449.00               | 3.15    |
| 14610.00  | 8980.04   | 14329.61 | 8980.00   | 105.51          | 104.63       | 269.79          | 5666.25     | -1283.82                  | 658.02                 | 447.89               | 3.13    |
| 14640.00  | 8980.04   | 14359.61 | 8980.00   | 106.05          | 105.17       | 269.79          | 5696.25     | -1283.89                  | 657.99                 | 446.79               | 3.12    |
| 14670.00  | 8980.04   | 14389.61 | 8980.00   | 106.59          | 105.71       | 269.79          | 5726.25     | -1283.97                  | 657.96                 | 445.68               | 3.10    |
| 14700.00  | 8980.05   | 14419.61 | 8980.00   | 107.12          | 106.24       | 269.79          | 5756.25     | -1284.04                  | 657.93                 | 444.58               | 3.08    |
| 14730.00  | 8980.05   | 14449.61 | 8980.00   | 107.66          | 106.78       | 269.79          | 5786.25     | -1284.11                  | 657.90                 | 443.47               | 3.07    |
| 14760.00  | 8980.05   | 14479.61 | 8980.00   | 108.20          | 107.32       | 269.79          | 5816.25     | -1284.19                  | 657.87                 | 442.36               | 3.05    |
| 14790.00  | 8980.05   | 14509.61 | 8980.00   | 108.74          | 107.86       | 269.79          | 5846.25     | -1284.26                  | 657.84                 | 441.26               | 3.04    |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 11  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid: North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              | Offset Location |             |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|-----------------|-------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg   | North<br>ft | East<br>ft |                           |                        |                      |         |
| 14820.00  | 8980.05   | 14539.61 | 8980.00   | 109.28          | 108.40       | 269.79          | 5876.25     | -1284.33   | 657.81                    | 440.15                 | 3.02                 |         |
| 14850.00  | 8980.05   | 14569.61 | 8980.00   | 109.81          | 108.94       | 269.79          | 5906.25     | -1284.41   | 657.78                    | 439.04                 | 3.01                 |         |
| 14880.00  | 8980.05   | 14599.61 | 8980.00   | 110.35          | 109.47       | 269.79          | 5936.25     | -1284.48   | 657.75                    | 437.93                 | 2.99                 |         |
| 14910.00  | 8980.05   | 14629.61 | 8980.00   | 110.89          | 110.01       | 269.79          | 5966.25     | -1284.55   | 657.72                    | 436.83                 | 2.98                 |         |
| 14940.00  | 8980.05   | 14659.61 | 8980.00   | 111.43          | 110.55       | 269.79          | 5996.25     | -1284.63   | 657.69                    | 435.72                 | 2.96                 |         |
| 14970.00  | 8980.05   | 14689.61 | 8980.00   | 111.97          | 111.09       | 269.79          | 6026.25     | -1284.70   | 657.66                    | 434.61                 | 2.95                 |         |
| 15000.00  | 8980.05   | 14719.61 | 8980.00   | 112.51          | 111.63       | 269.79          | 6056.25     | -1284.78   | 657.63                    | 433.50                 | 2.93                 |         |
| 15030.00  | 8980.05   | 14749.61 | 8980.00   | 113.05          | 112.17       | 269.79          | 6086.25     | -1284.85   | 657.60                    | 432.39                 | 2.92                 |         |
| 15060.00  | 8980.05   | 14779.61 | 8980.00   | 113.58          | 112.71       | 269.79          | 6116.25     | -1284.92   | 657.57                    | 431.29                 | 2.91                 |         |
| 15090.00  | 8980.05   | 14809.61 | 8980.00   | 114.12          | 113.25       | 269.79          | 6146.25     | -1285.00   | 657.54                    | 430.18                 | 2.89                 |         |
| 15120.00  | 8980.05   | 14839.61 | 8980.00   | 114.66          | 113.79       | 269.79          | 6176.25     | -1285.07   | 657.51                    | 429.07                 | 2.88                 |         |
| 15150.00  | 8980.05   | 14869.61 | 8980.00   | 115.20          | 114.33       | 269.79          | 6206.25     | -1285.14   | 657.47                    | 427.96                 | 2.86                 |         |
| 15180.00  | 8980.05   | 14899.61 | 8980.00   | 115.74          | 114.87       | 269.79          | 6236.25     | -1285.22   | 657.44                    | 426.85                 | 2.85                 |         |
| 15210.00  | 8980.05   | 14929.61 | 8980.00   | 116.28          | 115.41       | 269.79          | 6266.25     | -1285.29   | 657.41                    | 425.74                 | 2.84                 |         |
| 15240.00  | 8980.05   | 14959.61 | 8980.00   | 116.82          | 115.95       | 269.79          | 6296.25     | -1285.36   | 657.38                    | 424.63                 | 2.82                 |         |
| 15270.00  | 8980.05   | 14989.61 | 8980.00   | 117.36          | 116.49       | 269.79          | 6326.25     | -1285.44   | 657.35                    | 423.52                 | 2.81                 |         |
| 15300.00  | 8980.05   | 15019.61 | 8980.00   | 117.90          | 117.02       | 269.79          | 6356.25     | -1285.51   | 657.32                    | 422.41                 | 2.80                 |         |
| 15330.00  | 8980.05   | 15049.61 | 8980.00   | 118.44          | 117.56       | 269.79          | 6386.25     | -1285.58   | 657.29                    | 421.30                 | 2.79                 |         |
| 15360.00  | 8980.05   | 15079.61 | 8980.00   | 118.98          | 118.10       | 269.79          | 6416.25     | -1285.66   | 657.26                    | 420.19                 | 2.77                 |         |
| 15390.00  | 8980.05   | 15109.61 | 8980.00   | 119.52          | 118.64       | 269.79          | 6446.25     | -1285.73   | 657.23                    | 419.08                 | 2.76                 |         |
| 15420.00  | 8980.05   | 15139.61 | 8980.00   | 120.06          | 119.19       | 269.79          | 6476.25     | -1285.80   | 657.20                    | 417.97                 | 2.75                 |         |
| 15450.00  | 8980.05   | 15169.61 | 8980.00   | 120.60          | 119.73       | 269.79          | 6506.25     | -1285.88   | 657.17                    | 416.86                 | 2.73                 |         |
| 15480.00  | 8980.05   | 15199.61 | 8980.00   | 121.14          | 120.27       | 269.79          | 6536.25     | -1285.95   | 657.14                    | 415.75                 | 2.72                 |         |
| 15510.00  | 8980.05   | 15229.61 | 8980.00   | 121.68          | 120.81       | 269.79          | 6566.25     | -1286.02   | 657.11                    | 414.64                 | 2.71                 |         |
| 15540.00  | 8980.05   | 15259.61 | 8980.00   | 122.22          | 121.35       | 269.79          | 6596.25     | -1286.10   | 657.08                    | 413.53                 | 2.70                 |         |
| 15570.00  | 8980.05   | 15289.61 | 8980.00   | 122.76          | 121.89       | 269.79          | 6626.25     | -1286.17   | 657.05                    | 412.42                 | 2.69                 |         |
| 15600.00  | 8980.05   | 15319.61 | 8980.00   | 123.30          | 122.43       | 269.79          | 6656.25     | -1286.24   | 657.02                    | 411.31                 | 2.67                 |         |
| 15630.00  | 8980.05   | 15349.61 | 8980.00   | 123.84          | 122.97       | 269.79          | 6686.25     | -1286.32   | 656.99                    | 410.19                 | 2.66                 |         |
| 15660.00  | 8980.05   | 15379.61 | 8980.00   | 124.38          | 123.51       | 269.79          | 6716.25     | -1286.39   | 656.96                    | 409.08                 | 2.65                 |         |
| 15690.00  | 8980.05   | 15409.61 | 8980.00   | 124.92          | 124.05       | 269.79          | 6746.25     | -1286.46   | 656.93                    | 407.97                 | 2.64                 |         |
| 15720.00  | 8980.05   | 15439.61 | 8980.00   | 125.46          | 124.59       | 269.79          | 6776.25     | -1286.54   | 656.90                    | 406.86                 | 2.63                 |         |
| 15750.00  | 8980.05   | 15469.61 | 8980.00   | 126.00          | 125.13       | 269.79          | 6806.25     | -1286.61   | 656.87                    | 405.75                 | 2.62                 |         |
| 15780.00  | 8980.05   | 15499.61 | 8980.00   | 126.54          | 125.67       | 269.79          | 6836.25     | -1286.68   | 656.84                    | 404.64                 | 2.60                 |         |
| 15810.00  | 8980.05   | 15529.61 | 8980.00   | 127.08          | 126.21       | 269.79          | 6866.25     | -1286.76   | 656.81                    | 403.52                 | 2.59                 |         |
| 15840.00  | 8980.06   | 15559.61 | 8980.00   | 127.62          | 126.75       | 269.79          | 6896.25     | -1286.83   | 656.78                    | 402.41                 | 2.58                 |         |
| 15870.00  | 8980.06   | 15589.61 | 8980.00   | 128.16          | 127.29       | 269.79          | 6926.25     | -1286.90   | 656.75                    | 401.30                 | 2.57                 |         |
| 15900.00  | 8980.06   | 15619.61 | 8980.00   | 128.71          | 127.84       | 269.79          | 6956.25     | -1286.98   | 656.72                    | 400.19                 | 2.56                 |         |
| 15930.00  | 8980.06   | 15649.61 | 8980.00   | 129.25          | 128.38       | 269.79          | 6986.25     | -1287.05   | 656.68                    | 399.07                 | 2.55                 |         |
| 15960.00  | 8980.06   | 15679.61 | 8980.00   | 129.79          | 128.92       | 269.79          | 7016.25     | -1287.12   | 656.65                    | 397.96                 | 2.54                 |         |
| 15990.00  | 8980.06   | 15709.61 | 8980.00   | 130.33          | 129.46       | 269.79          | 7046.25     | -1287.20   | 656.62                    | 396.85                 | 2.53                 |         |
| 16020.00  | 8980.06   | 15739.61 | 8980.00   | 130.87          | 130.00       | 269.79          | 7076.25     | -1287.27   | 656.59                    | 395.73                 | 2.52                 |         |
| 16050.00  | 8980.06   | 15769.61 | 8980.00   | 131.41          | 130.54       | 269.79          | 7106.25     | -1287.34   | 656.56                    | 394.62                 | 2.51                 |         |
| 16080.00  | 8980.06   | 15799.61 | 8980.00   | 131.95          | 131.08       | 269.79          | 7136.25     | -1287.42   | 656.53                    | 393.51                 | 2.50                 |         |
| 16110.00  | 8980.06   | 15829.61 | 8980.00   | 132.49          | 131.63       | 269.79          | 7166.25     | -1287.49   | 656.50                    | 392.40                 | 2.49                 |         |
| 16140.00  | 8980.06   | 15859.61 | 8980.00   | 133.04          | 132.17       | 269.79          | 7196.25     | -1287.56   | 656.47                    | 391.28                 | 2.48                 |         |
| 16170.00  | 8980.06   | 15889.61 | 8980.00   | 133.58          | 132.71       | 269.79          | 7226.25     | -1287.64   | 656.44                    | 390.17                 | 2.47                 |         |
| 16200.00  | 8980.06   | 15919.61 | 8980.00   | 134.12          | 133.25       | 269.79          | 7256.25     | -1287.71   | 656.41                    | 389.05                 | 2.46                 |         |
| 16230.00  | 8980.06   | 15949.61 | 8980.00   | 134.66          | 133.79       | 269.79          | 7286.25     | -1287.78   | 656.38                    | 387.94                 | 2.45                 |         |
| 16260.00  | 8980.06   | 15979.61 | 8980.00   | 135.20          | 134.33       | 269.79          | 7316.24     | -1287.86   | 656.35                    | 386.83                 | 2.44                 |         |
| 16290.00  | 8980.06   | 16009.61 | 8980.00   | 135.74          | 134.88       | 269.79          | 7346.24     | -1287.93   | 656.32                    | 385.71                 | 2.43                 |         |
| 16320.00  | 8980.06   | 16039.61 | 8980.00   | 136.28          | 135.42       | 269.79          | 7376.24     | -1288.00   | 656.29                    | 384.60                 | 2.42                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 12  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H; Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw #134H  
Well: Cotton Draw #134H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        |        | Offset Location |          | Ctr-Ctr  | Edge     | Separation | Warning |
|-----------|---------|----------|---------|-----------------|--------|--------|-----------------|----------|----------|----------|------------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-HS | North           | East     | Distance | Distance | Factor     |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg    | ft              | ft       | ft       | ft       |            |         |
| 16350.00  | 8980.06 | 16069.61 | 8980.00 | 136.83          | 135.96 | 269.79 | 7406.24         | -1288.08 | 656.26   | 383.49   | 2.41       |         |
| 16380.00  | 8980.06 | 16099.61 | 8980.00 | 137.37          | 136.50 | 269.79 | 7436.24         | -1288.15 | 656.23   | 382.37   | 2.40       |         |
| 16410.00  | 8980.06 | 16129.61 | 8980.00 | 137.91          | 137.04 | 269.79 | 7466.24         | -1288.22 | 656.20   | 381.26   | 2.39       |         |
| 16440.00  | 8980.06 | 16159.61 | 8980.00 | 138.45          | 137.59 | 269.79 | 7496.24         | -1288.30 | 656.17   | 380.14   | 2.38       |         |
| 16470.00  | 8980.06 | 16189.61 | 8980.00 | 138.99          | 138.13 | 269.79 | 7526.24         | -1288.37 | 656.14   | 379.03   | 2.37       |         |
| 16500.00  | 8980.06 | 16219.61 | 8980.00 | 139.54          | 138.67 | 269.79 | 7556.24         | -1288.44 | 656.11   | 377.91   | 2.36       |         |
| 16530.00  | 8980.06 | 16249.61 | 8980.00 | 140.08          | 139.21 | 269.79 | 7586.24         | -1288.52 | 656.08   | 376.80   | 2.35       |         |
| 16560.00  | 8980.06 | 16279.61 | 8980.00 | 140.62          | 139.75 | 269.79 | 7616.24         | -1288.59 | 656.05   | 375.68   | 2.34       |         |
| 16590.00  | 8980.06 | 16309.61 | 8980.00 | 141.16          | 140.30 | 269.79 | 7646.24         | -1288.66 | 656.02   | 374.57   | 2.33       |         |
| 16620.00  | 8980.06 | 16339.61 | 8980.00 | 141.70          | 140.84 | 269.79 | 7676.24         | -1288.74 | 655.99   | 373.45   | 2.32       |         |
| 16640.89  | 8980.00 | 16360.50 | 8980.00 | 142.08          | 141.22 | 269.78 | 7697.14         | -1288.79 | 656.02   | 372.74   | 2.32       |         |

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |        | Offset |        | Semi-Major Axis |        |        | Offset Location |       | Ctr-Ctr  | Edge     | Separation | Warning |
|-----------|--------|--------|--------|-----------------|--------|--------|-----------------|-------|----------|----------|------------|---------|
| MD        | TVD    | MD     | TVD    | Ref             | Offset | TFO-HS | North           | East  | Distance | Distance | Factor     |         |
| ft        | ft     | ft     | ft     | ft              | ft     | deg    | ft              | ft    | ft       | ft       |            |         |
| 0.00      | 0.00   | 0.00   | 0.00   | 0.00            | 0.00   | 90.50  | -0.44           | 50.00 | 50.00    |          |            | No Data |
| 30.00     | 30.00  | 30.00  | 30.00  | 0.01            | 0.03   | 90.50  | -0.44           | 50.00 | 50.00    | 49.97    | 1617.91    |         |
| 60.00     | 60.00  | 60.00  | 60.00  | 0.04            | 0.05   | 90.50  | -0.44           | 50.00 | 50.00    | 49.91    | 556.16     |         |
| 90.00     | 90.00  | 90.00  | 90.00  | 0.07            | 0.08   | 90.50  | -0.44           | 50.00 | 50.00    | 49.85    | 335.79     |         |
| 120.00    | 120.00 | 120.00 | 120.00 | 0.13            | 0.13   | 90.50  | -0.44           | 50.00 | 50.00    | 49.74    | 193.45     |         |
| 150.00    | 150.00 | 150.00 | 150.00 | 0.20            | 0.20   | 90.50  | -0.44           | 50.00 | 50.00    | 49.61    | 127.12     |         |
| 180.00    | 180.00 | 180.00 | 180.00 | 0.26            | 0.26   | 90.50  | -0.44           | 50.00 | 50.00    | 49.47    | 94.66      |         |
| 210.00    | 210.00 | 210.00 | 210.00 | 0.33            | 0.33   | 90.50  | -0.44           | 50.00 | 50.00    | 49.34    | 75.41      |         |
| 240.00    | 240.00 | 240.00 | 240.00 | 0.40            | 0.40   | 90.50  | -0.44           | 50.00 | 50.00    | 49.20    | 62.67      |         |
| 270.00    | 270.00 | 270.00 | 270.00 | 0.47            | 0.47   | 90.50  | -0.44           | 50.00 | 50.00    | 49.07    | 53.61      |         |
| 300.00    | 300.00 | 300.00 | 300.00 | 0.53            | 0.53   | 90.50  | -0.44           | 50.00 | 50.00    | 48.93    | 46.83      |         |
| 330.00    | 330.00 | 330.00 | 330.00 | 0.60            | 0.60   | 90.50  | -0.44           | 50.00 | 50.00    | 48.80    | 41.58      |         |
| 360.00    | 360.00 | 360.00 | 360.00 | 0.67            | 0.67   | 90.50  | -0.44           | 50.00 | 50.00    | 48.66    | 37.39      |         |
| 390.00    | 390.00 | 390.00 | 390.00 | 0.74            | 0.74   | 90.50  | -0.44           | 50.00 | 50.00    | 48.53    | 33.96      |         |
| 420.00    | 420.00 | 420.00 | 420.00 | 0.80            | 0.80   | 90.50  | -0.44           | 50.00 | 50.00    | 48.39    | 31.11      |         |
| 450.00    | 450.00 | 450.00 | 450.00 | 0.87            | 0.87   | 90.50  | -0.44           | 50.00 | 50.00    | 48.26    | 28.70      |         |
| 480.00    | 480.00 | 480.00 | 480.00 | 0.94            | 0.94   | 90.50  | -0.44           | 50.00 | 50.00    | 48.13    | 26.64      |         |
| 510.00    | 510.00 | 510.00 | 510.00 | 1.01            | 1.01   | 90.50  | -0.44           | 50.00 | 50.00    | 47.99    | 24.86      |         |
| 540.00    | 540.00 | 540.00 | 540.00 | 1.07            | 1.07   | 90.50  | -0.44           | 50.00 | 50.00    | 47.86    | 23.29      |         |
| 570.00    | 570.00 | 570.00 | 570.00 | 1.14            | 1.14   | 90.50  | -0.44           | 50.00 | 50.00    | 47.72    | 21.92      |         |
| 600.00    | 600.00 | 600.00 | 600.00 | 1.21            | 1.21   | 90.50  | -0.44           | 50.00 | 50.00    | 47.59    | 20.69      |         |
| 630.00    | 630.00 | 630.00 | 630.00 | 1.28            | 1.28   | 90.50  | -0.44           | 50.00 | 50.00    | 47.45    | 19.60      |         |
| 660.00    | 660.00 | 660.00 | 660.00 | 1.34            | 1.34   | 90.50  | -0.44           | 50.00 | 50.00    | 47.32    | 18.62      |         |
| 690.00    | 690.00 | 690.00 | 690.00 | 1.41            | 1.41   | 90.50  | -0.44           | 50.00 | 50.00    | 47.18    | 17.73      |         |
| 720.00    | 720.00 | 720.00 | 720.00 | 1.48            | 1.48   | 90.50  | -0.44           | 50.00 | 50.00    | 47.05    | 16.92      |         |
| 750.00    | 750.00 | 750.00 | 750.00 | 1.55            | 1.55   | 90.50  | -0.44           | 50.00 | 50.00    | 46.91    | 16.18      |         |
| 780.00    | 780.00 | 780.00 | 780.00 | 1.61            | 1.61   | 90.50  | -0.44           | 50.00 | 50.00    | 46.78    | 15.50      |         |
| 810.00    | 810.00 | 810.00 | 810.00 | 1.68            | 1.68   | 90.50  | -0.44           | 50.00 | 50.00    | 46.64    | 14.88      |         |
| 840.00    | 840.00 | 840.00 | 840.00 | 1.75            | 1.75   | 90.50  | -0.44           | 50.00 | 50.00    | 46.51    | 14.31      |         |
| 870.00    | 870.00 | 870.00 | 870.00 | 1.81            | 1.81   | 90.50  | -0.44           | 50.00 | 50.00    | 46.37    | 13.77      |         |
| 900.00    | 900.00 | 900.00 | 900.00 | 1.88            | 1.88   | 90.50  | -0.44           | 50.00 | 50.00    | 46.24    | 13.28      |         |
| 930.00    | 930.00 | 930.00 | 930.00 | 1.95            | 1.95   | 90.50  | -0.44           | 50.00 | 50.00    | 46.10    | 12.82      |         |
| 960.00    | 960.00 | 960.00 | 960.00 | 2.02            | 2.02   | 90.50  | -0.44           | 50.00 | 50.00    | 45.97    | 12.39      |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 13  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(N/E) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 990.00    | 990.00    | 990.00   | 990.00    | 2.08            | 2.08         | 90.50         | -0.44           | 50.00      | 50.00                     | 45.83                  | 11.99                |         |
| 1020.00   | 1020.00   | 1020.00  | 1020.00   | 2.15            | 2.15         | 90.50         | -0.44           | 50.00      | 50.00                     | 45.70                  | 11.62                |         |
| 1050.00   | 1050.00   | 1050.00  | 1050.00   | 2.22            | 2.22         | 90.50         | -0.44           | 50.00      | 50.00                     | 45.56                  | 11.26                |         |
| 1080.00   | 1080.00   | 1080.00  | 1080.00   | 2.29            | 2.29         | 90.50         | -0.44           | 50.00      | 50.00                     | 45.43                  | 10.93                |         |
| 1110.00   | 1110.00   | 1110.00  | 1110.00   | 2.35            | 2.35         | 90.50         | -0.44           | 50.00      | 50.00                     | 45.29                  | 10.62                |         |
| 1140.00   | 1140.00   | 1140.00  | 1140.00   | 2.42            | 2.42         | 90.50         | -0.44           | 50.00      | 50.00                     | 45.16                  | 10.32                |         |
| 1170.00   | 1170.00   | 1170.00  | 1170.00   | 2.49            | 2.49         | 90.50         | -0.44           | 50.00      | 50.00                     | 45.02                  | 10.04                |         |
| 1200.00   | 1200.00   | 1200.00  | 1200.00   | 2.56            | 2.56         | 90.50         | -0.44           | 50.00      | 50.00                     | 44.89                  | 9.78                 |         |
| 1230.00   | 1230.00   | 1230.00  | 1230.00   | 2.62            | 2.62         | 90.50         | -0.44           | 50.00      | 50.00                     | 44.75                  | 9.53                 |         |
| 1260.00   | 1260.00   | 1260.00  | 1260.00   | 2.69            | 2.69         | 90.50         | -0.44           | 50.00      | 50.00                     | 44.62                  | 9.29                 |         |
| 1290.00   | 1290.00   | 1290.00  | 1290.00   | 2.76            | 2.76         | 90.50         | -0.44           | 50.00      | 50.00                     | 44.48                  | 9.06                 |         |
| 1320.00   | 1320.00   | 1320.00  | 1320.00   | 2.83            | 2.83         | 90.50         | -0.44           | 50.00      | 50.00                     | 44.35                  | 8.85                 |         |
| 1350.00   | 1350.00   | 1350.00  | 1350.00   | 2.89            | 2.89         | 90.50         | -0.44           | 50.00      | 50.00                     | 44.21                  | 8.64                 |         |
| 1380.00   | 1380.00   | 1380.00  | 1380.00   | 2.96            | 2.96         | 90.50         | -0.44           | 50.00      | 50.00                     | 44.08                  | 8.44                 |         |
| 1410.00   | 1410.00   | 1410.00  | 1410.00   | 3.03            | 3.03         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.94                  | 8.25                 |         |
| 1440.00   | 1440.00   | 1440.00  | 1440.00   | 3.10            | 3.10         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.81                  | 8.07                 |         |
| 1470.00   | 1470.00   | 1470.00  | 1470.00   | 3.16            | 3.16         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.67                  | 7.90                 |         |
| 1500.00   | 1500.00   | 1500.00  | 1500.00   | 3.23            | 3.23         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.54                  | 7.74                 |         |
| 1530.00   | 1530.00   | 1530.00  | 1530.00   | 3.30            | 3.30         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.41                  | 7.58                 |         |
| 1560.00   | 1560.00   | 1560.00  | 1560.00   | 3.37            | 3.37         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.27                  | 7.43                 |         |
| 1590.00   | 1590.00   | 1590.00  | 1590.00   | 3.43            | 3.43         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.14                  | 7.28                 |         |
| 1620.00   | 1620.00   | 1620.00  | 1620.00   | 3.50            | 3.50         | 90.50         | -0.44           | 50.00      | 50.00                     | 43.00                  | 7.14                 |         |
| 1650.00   | 1650.00   | 1650.00  | 1650.00   | 3.57            | 3.57         | 90.50         | -0.44           | 50.00      | 50.00                     | 42.87                  | 7.01                 |         |
| 1680.00   | 1680.00   | 1680.00  | 1680.00   | 3.64            | 3.64         | 90.50         | -0.44           | 50.00      | 50.00                     | 42.73                  | 6.88                 |         |
| 1710.00   | 1710.00   | 1710.00  | 1710.00   | 3.70            | 3.70         | 90.50         | -0.44           | 50.00      | 50.00                     | 42.60                  | 6.75                 |         |
| 1740.00   | 1740.00   | 1740.00  | 1740.00   | 3.77            | 3.77         | 90.50         | -0.44           | 50.00      | 50.00                     | 42.46                  | 6.63                 |         |
| 1770.00   | 1770.00   | 1770.00  | 1770.00   | 3.84            | 3.84         | 90.50         | -0.44           | 50.00      | 50.00                     | 42.33                  | 6.51                 |         |
| 1800.00   | 1800.00   | 1800.00  | 1800.00   | 3.91            | 3.91         | 90.50         | -0.44           | 50.00      | 50.00                     | 42.19                  | 6.40                 |         |
| 1830.00   | 1830.00   | 1830.00  | 1830.00   | 3.97            | 3.97         | 90.50         | -0.44           | 50.00      | 50.00                     | 42.06                  | 6.29                 |         |
| 1860.00   | 1860.00   | 1860.00  | 1860.00   | 4.04            | 4.04         | 90.50         | -0.44           | 50.00      | 50.00                     | 41.92                  | 6.19                 |         |
| 1890.00   | 1890.00   | 1890.00  | 1890.00   | 4.11            | 4.11         | 90.50         | -0.44           | 50.00      | 50.00                     | 41.79                  | 6.09                 |         |
| 1920.00   | 1920.00   | 1920.00  | 1920.00   | 4.18            | 4.18         | 90.50         | -0.44           | 50.00      | 50.00                     | 41.65                  | 5.99                 |         |
| 1950.00   | 1950.00   | 1950.00  | 1950.00   | 4.24            | 4.24         | 90.50         | -0.44           | 50.00      | 50.00                     | 41.52                  | 5.89                 |         |
| 1980.00   | 1980.00   | 1980.00  | 1980.00   | 4.31            | 4.31         | 90.50         | -0.44           | 50.00      | 50.00                     | 41.38                  | 5.80                 |         |
| 2010.00   | 2010.00   | 2010.00  | 2010.00   | 4.38            | 4.38         | 90.50         | -0.44           | 50.00      | 50.00                     | 41.25                  | 5.71                 |         |
| 2040.00   | 2040.00   | 2040.00  | 2040.00   | 4.44            | 4.44         | 90.50         | -0.44           | 50.00      | 50.00                     | 41.11                  | 5.62                 |         |
| 2070.00   | 2070.00   | 2070.00  | 2070.00   | 4.51            | 4.51         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.98                  | 5.54                 |         |
| 2100.00   | 2100.00   | 2100.00  | 2100.00   | 4.58            | 4.58         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.84                  | 5.46                 |         |
| 2130.00   | 2130.00   | 2130.00  | 2130.00   | 4.65            | 4.65         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.71                  | 5.38                 |         |
| 2160.00   | 2160.00   | 2160.00  | 2160.00   | 4.71            | 4.71         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.57                  | 5.30                 |         |
| 2190.00   | 2190.00   | 2190.00  | 2190.00   | 4.78            | 4.78         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.44                  | 5.23                 |         |
| 2220.00   | 2220.00   | 2220.00  | 2220.00   | 4.85            | 4.85         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.30                  | 5.16                 |         |
| 2250.00   | 2250.00   | 2250.00  | 2250.00   | 4.92            | 4.92         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.17                  | 5.08                 |         |
| 2280.00   | 2280.00   | 2280.00  | 2280.00   | 4.98            | 4.98         | 90.50         | -0.44           | 50.00      | 50.00                     | 40.03                  | 5.02                 |         |
| 2310.00   | 2310.00   | 2310.00  | 2310.00   | 5.05            | 5.05         | 90.50         | -0.44           | 50.00      | 50.00                     | 39.90                  | 4.95                 |         |
| 2340.00   | 2340.00   | 2340.00  | 2340.00   | 5.12            | 5.12         | 90.50         | -0.44           | 50.00      | 50.00                     | 39.76                  | 4.88                 |         |
| 2370.00   | 2370.00   | 2370.00  | 2370.00   | 5.19            | 5.19         | 90.50         | -0.44           | 50.00      | 50.00                     | 39.63                  | 4.82                 |         |
| 2400.00   | 2400.00   | 2400.00  | 2400.00   | 5.25            | 5.25         | 90.50         | -0.44           | 50.00      | 50.00                     | 39.49                  | 4.76                 |         |
| 2430.00   | 2430.00   | 2430.00  | 2430.00   | 5.32            | 5.32         | 90.50         | -0.44           | 50.00      | 50.00                     | 39.36                  | 4.70                 |         |
| 2460.00   | 2460.00   | 2460.00  | 2460.00   | 5.39            | 5.39         | 90.50         | -0.44           | 50.00      | 50.00                     | 39.22                  | 4.64                 |         |
| 2490.00   | 2490.00   | 2490.00  | 2490.00   | 5.46            | 5.46         | 90.50         | -0.44           | 50.00      | 50.00                     | 39.09                  | 4.58                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 14  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 2520.00   | 2520.00   | 2520.00  | 2520.00   | 5.52            | 5.52         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.95                  | 4.53                 |         |
| 2550.00   | 2550.00   | 2550.00  | 2550.00   | 5.59            | 5.59         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.82                  | 4.47                 |         |
| 2580.00   | 2580.00   | 2580.00  | 2580.00   | 5.66            | 5.66         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.68                  | 4.42                 |         |
| 2610.00   | 2610.00   | 2610.00  | 2610.00   | 5.73            | 5.73         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.55                  | 4.37                 |         |
| 2640.00   | 2640.00   | 2640.00  | 2640.00   | 5.79            | 5.79         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.42                  | 4.32                 |         |
| 2670.00   | 2670.00   | 2670.00  | 2670.00   | 5.86            | 5.86         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.28                  | 4.27                 |         |
| 2700.00   | 2700.00   | 2700.00  | 2700.00   | 5.93            | 5.93         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.15                  | 4.22                 |         |
| 2730.00   | 2730.00   | 2730.00  | 2730.00   | 6.00            | 6.00         | 90.50         | -0.44           | 50.00      | 50.00                     | 38.01                  | 4.17                 |         |
| 2760.00   | 2760.00   | 2760.00  | 2760.00   | 6.06            | 6.06         | 90.50         | -0.44           | 50.00      | 50.00                     | 37.88                  | 4.12                 |         |
| 2790.00   | 2790.00   | 2790.00  | 2790.00   | 6.13            | 6.13         | 90.50         | -0.44           | 50.00      | 50.00                     | 37.74                  | 4.08                 |         |
| 2820.00   | 2820.00   | 2820.00  | 2820.00   | 6.20            | 6.20         | 90.50         | -0.44           | 50.00      | 50.00                     | 37.61                  | 4.03                 |         |
| 2850.00   | 2850.00   | 2850.00  | 2850.00   | 6.27            | 6.27         | 90.50         | -0.44           | 50.00      | 50.00                     | 37.47                  | 3.99                 |         |
| 2880.00   | 2880.00   | 2880.00  | 2880.00   | 6.33            | 6.33         | 90.50         | -0.44           | 50.00      | 50.00                     | 37.34                  | 3.95                 |         |
| 2910.00   | 2910.00   | 2910.00  | 2910.00   | 6.40            | 6.40         | 90.50         | -0.44           | 50.00      | 50.00                     | 37.20                  | 3.91                 |         |
| 2940.00   | 2940.00   | 2940.00  | 2940.00   | 6.47            | 6.47         | 90.50         | -0.44           | 50.00      | 50.00                     | 37.07                  | 3.87                 |         |
| 2970.00   | 2970.00   | 2970.00  | 2970.00   | 6.54            | 6.54         | 90.50         | -0.44           | 50.00      | 50.00                     | 36.93                  | 3.83                 |         |
| 3000.00   | 3000.00   | 3000.00  | 3000.00   | 6.60            | 6.60         | 90.50         | -0.44           | 50.00      | 50.00                     | 36.80                  | 3.79                 |         |
| 3030.00   | 3030.00   | 3030.00  | 3030.00   | 6.67            | 6.67         | 90.50         | -0.44           | 50.00      | 50.00                     | 36.66                  | 3.75                 |         |
| 3060.00   | 3060.00   | 3060.00  | 3060.00   | 6.74            | 6.74         | 90.50         | -0.44           | 50.00      | 50.00                     | 36.53                  | 3.71                 |         |
| 3090.00   | 3090.00   | 3090.00  | 3090.00   | 6.80            | 6.80         | 90.50         | -0.44           | 50.00      | 50.00                     | 36.39                  | 3.67                 |         |
| 3120.00   | 3120.00   | 3120.00  | 3120.00   | 6.87            | 6.87         | 90.50         | -0.44           | 50.00      | 50.00                     | 36.26                  | 3.64                 |         |
| 3150.00   | 3150.00   | 3150.00  | 3150.00   | 6.94            | 6.94         | 90.50         | -0.44           | 50.00      | 50.00                     | 36.12                  | 3.60                 |         |
| 3180.00   | 3180.00   | 3180.00  | 3180.00   | 7.01            | 7.01         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.99                  | 3.57                 |         |
| 3210.00   | 3210.00   | 3210.00  | 3210.00   | 7.07            | 7.07         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.85                  | 3.53                 |         |
| 3240.00   | 3240.00   | 3240.00  | 3240.00   | 7.14            | 7.14         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.72                  | 3.50                 |         |
| 3270.00   | 3270.00   | 3270.00  | 3270.00   | 7.21            | 7.21         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.58                  | 3.47                 |         |
| 3300.00   | 3300.00   | 3300.00  | 3300.00   | 7.28            | 7.28         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.45                  | 3.44                 |         |
| 3330.00   | 3330.00   | 3330.00  | 3330.00   | 7.34            | 7.34         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.31                  | 3.40                 |         |
| 3360.00   | 3360.00   | 3360.00  | 3360.00   | 7.41            | 7.41         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.18                  | 3.37                 |         |
| 3390.00   | 3390.00   | 3390.00  | 3390.00   | 7.48            | 7.48         | 90.50         | -0.44           | 50.00      | 50.00                     | 35.04                  | 3.34                 |         |
| 3420.00   | 3420.00   | 3420.00  | 3420.00   | 7.55            | 7.55         | 90.50         | -0.44           | 50.00      | 50.00                     | 34.91                  | 3.31                 |         |
| 3450.00   | 3450.00   | 3450.00  | 3450.00   | 7.61            | 7.61         | 90.50         | -0.44           | 50.00      | 50.00                     | 34.77                  | 3.28                 |         |
| 3480.00   | 3480.00   | 3480.00  | 3480.00   | 7.68            | 7.68         | 90.50         | -0.44           | 50.00      | 50.00                     | 34.64                  | 3.25                 |         |
| 3510.00   | 3510.00   | 3510.00  | 3510.00   | 7.75            | 7.75         | 90.50         | -0.44           | 50.00      | 50.00                     | 34.50                  | 3.23                 |         |
| 3540.00   | 3540.00   | 3540.00  | 3540.00   | 7.82            | 7.82         | 90.50         | -0.44           | 50.00      | 50.00                     | 34.37                  | 3.20                 |         |
| 3570.00   | 3570.00   | 3570.00  | 3570.00   | 7.88            | 7.88         | 90.50         | -0.44           | 50.00      | 50.00                     | 34.23                  | 3.17                 |         |
| 3600.00   | 3600.00   | 3600.00  | 3600.00   | 7.95            | 7.95         | 90.50         | -0.44           | 50.00      | 50.00                     | 34.10                  | 3.14                 |         |
| 3630.00   | 3630.00   | 3630.00  | 3630.00   | 8.02            | 8.02         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.96                  | 3.12                 |         |
| 3660.00   | 3660.00   | 3660.00  | 3660.00   | 8.09            | 8.09         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.83                  | 3.09                 |         |
| 3690.00   | 3690.00   | 3690.00  | 3690.00   | 8.15            | 8.15         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.70                  | 3.07                 |         |
| 3720.00   | 3720.00   | 3720.00  | 3720.00   | 8.22            | 8.22         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.56                  | 3.04                 |         |
| 3750.00   | 3750.00   | 3750.00  | 3750.00   | 8.29            | 8.29         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.43                  | 3.02                 |         |
| 3780.00   | 3780.00   | 3780.00  | 3780.00   | 8.36            | 8.36         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.29                  | 2.99                 |         |
| 3810.00   | 3810.00   | 3810.00  | 3810.00   | 8.42            | 8.42         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.16                  | 2.97                 |         |
| 3840.00   | 3840.00   | 3840.00  | 3840.00   | 8.49            | 8.49         | 90.50         | -0.44           | 50.00      | 50.00                     | 33.02                  | 2.94                 |         |
| 3870.00   | 3870.00   | 3870.00  | 3870.00   | 8.56            | 8.56         | 90.50         | -0.44           | 50.00      | 50.00                     | 32.89                  | 2.92                 |         |
| 3900.00   | 3900.00   | 3900.00  | 3900.00   | 8.63            | 8.63         | 90.50         | -0.44           | 50.00      | 50.00                     | 32.75                  | 2.90                 |         |
| 3930.00   | 3930.00   | 3930.00  | 3930.00   | 8.69            | 8.69         | 90.50         | -0.44           | 50.00      | 50.00                     | 32.62                  | 2.88                 |         |
| 3960.00   | 3960.00   | 3960.00  | 3960.00   | 8.76            | 8.76         | 90.50         | -0.44           | 50.00      | 50.00                     | 32.48                  | 2.85                 |         |
| 3990.00   | 3990.00   | 3990.00  | 3990.00   | 8.83            | 8.83         | 90.50         | -0.44           | 50.00      | 50.00                     | 32.35                  | 2.83                 |         |
| 4020.00   | 4020.00   | 4020.00  | 4020.00   | 8.90            | 8.90         | 90.50         | -0.44           | 50.00      | 50.00                     | 32.21                  | 2.81                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD:83)  
Reference Site: Cotton Draw Unit #135H  
Reference Well: Cotton Draw Unit #135H  
Reference Wellpath: 1

Date: 11/1/2010  
Time: 11:32:18  
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Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |       | Ctr-Ctr  | Edge     | Separation | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|-------|----------|----------|------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East  | Distance | Distance | Factor     |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft    | ft       | ft       |            |         |
| 4050.00   | 4050.00 | 4050.00 | 4050.00 | 8.96            | 8.96   | 90.50  | -0.44           | 50.00 | 50.00    | 32.08    | 2.79       |         |
| 4080.00   | 4080.00 | 4080.00 | 4080.00 | 9.03            | 9.03   | 90.50  | -0.44           | 50.00 | 50.00    | 31.94    | 2.77       |         |
| 4110.00   | 4110.00 | 4110.00 | 4110.00 | 9.10            | 9.10   | 90.50  | -0.44           | 50.00 | 50.00    | 31.81    | 2.75       |         |
| 4140.00   | 4140.00 | 4140.00 | 4140.00 | 9.16            | 9.16   | 90.50  | -0.44           | 50.00 | 50.00    | 31.67    | 2.73       |         |
| 4170.00   | 4170.00 | 4170.00 | 4170.00 | 9.23            | 9.23   | 90.50  | -0.44           | 50.00 | 50.00    | 31.54    | 2.71       |         |
| 4200.00   | 4200.00 | 4200.00 | 4200.00 | 9.30            | 9.30   | 90.50  | -0.44           | 50.00 | 50.00    | 31.40    | 2.69       |         |
| 4230.00   | 4230.00 | 4230.00 | 4230.00 | 9.37            | 9.37   | 90.50  | -0.44           | 50.00 | 50.00    | 31.27    | 2.67       |         |
| 4260.00   | 4260.00 | 4260.00 | 4260.00 | 9.43            | 9.43   | 90.50  | -0.44           | 50.00 | 50.00    | 31.13    | 2.65       |         |
| 4290.00   | 4290.00 | 4290.00 | 4290.00 | 9.50            | 9.50   | 90.50  | -0.44           | 50.00 | 50.00    | 31.00    | 2.63       |         |
| 4320.00   | 4320.00 | 4320.00 | 4320.00 | 9.57            | 9.57   | 90.50  | -0.44           | 50.00 | 50.00    | 30.86    | 2.61       |         |
| 4350.00   | 4350.00 | 4350.00 | 4350.00 | 9.64            | 9.64   | 90.50  | -0.44           | 50.00 | 50.00    | 30.73    | 2.59       |         |
| 4380.00   | 4380.00 | 4380.00 | 4380.00 | 9.70            | 9.70   | 90.50  | -0.44           | 50.00 | 50.00    | 30.59    | 2.58       |         |
| 4410.00   | 4410.00 | 4410.00 | 4410.00 | 9.77            | 9.77   | 90.50  | -0.44           | 50.00 | 50.00    | 30.46    | 2.56       |         |
| 4440.00   | 4440.00 | 4440.00 | 4440.00 | 9.84            | 9.84   | 90.50  | -0.44           | 50.00 | 50.00    | 30.32    | 2.54       |         |
| 4470.00   | 4470.00 | 4470.00 | 4470.00 | 9.91            | 9.91   | 90.50  | -0.44           | 50.00 | 50.00    | 30.19    | 2.52       |         |
| 4500.00   | 4500.00 | 4500.00 | 4500.00 | 9.97            | 9.97   | 90.50  | -0.44           | 50.00 | 50.00    | 30.05    | 2.51       |         |
| 4530.00   | 4530.00 | 4530.00 | 4530.00 | 10.04           | 10.04  | 90.50  | -0.44           | 50.00 | 50.00    | 29.92    | 2.49       |         |
| 4560.00   | 4560.00 | 4560.00 | 4560.00 | 10.11           | 10.11  | 90.50  | -0.44           | 50.00 | 50.00    | 29.78    | 2.47       |         |
| 4590.00   | 4590.00 | 4590.00 | 4590.00 | 10.18           | 10.18  | 90.50  | -0.44           | 50.00 | 50.00    | 29.65    | 2.46       |         |
| 4620.00   | 4620.00 | 4620.00 | 4620.00 | 10.24           | 10.24  | 90.50  | -0.44           | 50.00 | 50.00    | 29.51    | 2.44       |         |
| 4650.00   | 4650.00 | 4650.00 | 4650.00 | 10.31           | 10.31  | 90.50  | -0.44           | 50.00 | 50.00    | 29.38    | 2.42       |         |
| 4680.00   | 4680.00 | 4680.00 | 4680.00 | 10.38           | 10.38  | 90.50  | -0.44           | 50.00 | 50.00    | 29.24    | 2.41       |         |
| 4710.00   | 4710.00 | 4710.00 | 4710.00 | 10.45           | 10.45  | 90.50  | -0.44           | 50.00 | 50.00    | 29.11    | 2.39       |         |
| 4740.00   | 4740.00 | 4740.00 | 4740.00 | 10.51           | 10.51  | 90.50  | -0.44           | 50.00 | 50.00    | 28.98    | 2.38       |         |
| 4770.00   | 4770.00 | 4770.00 | 4770.00 | 10.58           | 10.58  | 90.50  | -0.44           | 50.00 | 50.00    | 28.84    | 2.36       |         |
| 4800.00   | 4800.00 | 4800.00 | 4800.00 | 10.65           | 10.65  | 90.50  | -0.44           | 50.00 | 50.00    | 28.71    | 2.35       |         |
| 4830.00   | 4830.00 | 4830.00 | 4830.00 | 10.72           | 10.72  | 90.50  | -0.44           | 50.00 | 50.00    | 28.57    | 2.33       |         |
| 4860.00   | 4860.00 | 4860.00 | 4860.00 | 10.78           | 10.78  | 90.50  | -0.44           | 50.00 | 50.00    | 28.44    | 2.32       |         |
| 4890.00   | 4890.00 | 4890.00 | 4890.00 | 10.85           | 10.85  | 90.50  | -0.44           | 50.00 | 50.00    | 28.30    | 2.30       |         |
| 4920.00   | 4920.00 | 4920.00 | 4920.00 | 10.92           | 10.92  | 90.50  | -0.44           | 50.00 | 50.00    | 28.17    | 2.29       |         |
| 4950.00   | 4950.00 | 4950.00 | 4950.00 | 10.99           | 10.99  | 90.50  | -0.44           | 50.00 | 50.00    | 28.03    | 2.28       |         |
| 4980.00   | 4980.00 | 4980.00 | 4980.00 | 11.05           | 11.05  | 90.50  | -0.44           | 50.00 | 50.00    | 27.90    | 2.26       |         |
| 5010.00   | 5010.00 | 5010.00 | 5010.00 | 11.12           | 11.12  | 90.50  | -0.44           | 50.00 | 50.00    | 27.76    | 2.25       |         |
| 5040.00   | 5040.00 | 5040.00 | 5040.00 | 11.19           | 11.19  | 90.50  | -0.44           | 50.00 | 50.00    | 27.63    | 2.23       |         |
| 5070.00   | 5070.00 | 5070.00 | 5070.00 | 11.26           | 11.26  | 90.50  | -0.44           | 50.00 | 50.00    | 27.49    | 2.22       |         |
| 5100.00   | 5100.00 | 5100.00 | 5100.00 | 11.32           | 11.32  | 90.50  | -0.44           | 50.00 | 50.00    | 27.36    | 2.21       |         |
| 5130.00   | 5130.00 | 5130.00 | 5130.00 | 11.39           | 11.39  | 90.50  | -0.44           | 50.00 | 50.00    | 27.22    | 2.19       |         |
| 5160.00   | 5160.00 | 5160.00 | 5160.00 | 11.46           | 11.46  | 90.50  | -0.44           | 50.00 | 50.00    | 27.09    | 2.18       |         |
| 5190.00   | 5190.00 | 5190.00 | 5190.00 | 11.52           | 11.52  | 90.50  | -0.44           | 50.00 | 50.00    | 26.95    | 2.17       |         |
| 5220.00   | 5220.00 | 5220.00 | 5220.00 | 11.59           | 11.59  | 90.50  | -0.44           | 50.00 | 50.00    | 26.82    | 2.16       |         |
| 5250.00   | 5250.00 | 5250.00 | 5250.00 | 11.66           | 11.66  | 90.50  | -0.44           | 50.00 | 50.00    | 26.68    | 2.14       |         |
| 5280.00   | 5280.00 | 5280.00 | 5280.00 | 11.73           | 11.73  | 90.50  | -0.44           | 50.00 | 50.00    | 26.55    | 2.13       |         |
| 5310.00   | 5310.00 | 5310.00 | 5310.00 | 11.79           | 11.79  | 90.50  | -0.44           | 50.00 | 50.00    | 26.41    | 2.12       |         |
| 5340.00   | 5340.00 | 5340.00 | 5340.00 | 11.86           | 11.86  | 90.50  | -0.44           | 50.00 | 50.00    | 26.28    | 2.11       |         |
| 5370.00   | 5370.00 | 5370.00 | 5370.00 | 11.93           | 11.93  | 90.50  | -0.44           | 50.00 | 50.00    | 26.14    | 2.10       |         |
| 5400.00   | 5400.00 | 5400.00 | 5400.00 | 12.00           | 12.00  | 90.50  | -0.44           | 50.00 | 50.00    | 26.01    | 2.08       |         |
| 5430.00   | 5430.00 | 5430.00 | 5430.00 | 12.06           | 12.06  | 90.50  | -0.44           | 50.00 | 50.00    | 25.87    | 2.07       |         |
| 5460.00   | 5460.00 | 5460.00 | 5460.00 | 12.13           | 12.13  | 90.50  | -0.44           | 50.00 | 50.00    | 25.74    | 2.06       |         |
| 5490.00   | 5490.00 | 5490.00 | 5490.00 | 12.20           | 12.20  | 90.50  | -0.44           | 50.00 | 50.00    | 25.60    | 2.05       |         |
| 5520.00   | 5520.00 | 5520.00 | 5520.00 | 12.27           | 12.27  | 90.50  | -0.44           | 50.00 | 50.00    | 25.47    | 2.04       |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H  
Reference Well: Cotton Draw Unit #135H  
Reference Wellpath: 1

Date: 11/1/2010  
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Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 5550.00   | 5550.00   | 5550.00  | 5550.00   | 12.33           | 12.33        | 90.50         | -0.44           | 50.00      | 50.00                     | 25.33                  | 2.03                 |         |
| 5580.00   | 5580.00   | 5580.00  | 5580.00   | 12.40           | 12.40        | 90.50         | -0.44           | 50.00      | 50.00                     | 25.20                  | 2.02                 |         |
| 5610.00   | 5610.00   | 5610.00  | 5610.00   | 12.47           | 12.47        | 90.50         | -0.44           | 50.00      | 50.00                     | 25.06                  | 2.01                 |         |
| 5640.00   | 5640.00   | 5640.00  | 5640.00   | 12.54           | 12.54        | 90.50         | -0.44           | 50.00      | 50.00                     | 24.93                  | 1.99                 |         |
| 5670.00   | 5670.00   | 5670.00  | 5670.00   | 12.60           | 12.60        | 90.50         | -0.44           | 50.00      | 50.00                     | 24.79                  | 1.98                 |         |
| 5700.00   | 5700.00   | 5700.00  | 5700.00   | 12.67           | 12.67        | 90.50         | -0.44           | 50.00      | 50.00                     | 24.66                  | 1.97                 |         |
| 5730.00   | 5730.00   | 5730.00  | 5730.00   | 12.74           | 12.74        | 90.50         | -0.44           | 50.00      | 50.00                     | 24.52                  | 1.96                 |         |
| 5760.00   | 5760.00   | 5760.00  | 5760.00   | 12.81           | 12.81        | 90.50         | -0.44           | 50.00      | 50.00                     | 24.39                  | 1.95                 |         |
| 5790.00   | 5790.00   | 5790.00  | 5790.00   | 12.87           | 12.87        | 90.50         | -0.44           | 50.00      | 50.00                     | 24.25                  | 1.94                 |         |
| 5820.00   | 5820.00   | 5820.00  | 5820.00   | 12.94           | 12.94        | 90.50         | -0.44           | 50.00      | 50.00                     | 24.12                  | 1.93                 |         |
| 5850.00   | 5850.00   | 5850.00  | 5850.00   | 13.01           | 13.01        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.99                  | 1.92                 |         |
| 5880.00   | 5880.00   | 5880.00  | 5880.00   | 13.08           | 13.08        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.85                  | 1.91                 |         |
| 5910.00   | 5910.00   | 5910.00  | 5910.00   | 13.14           | 13.14        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.72                  | 1.90                 |         |
| 5940.00   | 5940.00   | 5940.00  | 5940.00   | 13.21           | 13.21        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.58                  | 1.89                 |         |
| 5970.00   | 5970.00   | 5970.00  | 5970.00   | 13.28           | 13.28        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.45                  | 1.88                 |         |
| 6000.00   | 6000.00   | 6000.00  | 6000.00   | 13.35           | 13.35        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.31                  | 1.87                 |         |
| 6030.00   | 6030.00   | 6030.00  | 6030.00   | 13.41           | 13.41        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.18                  | 1.86                 |         |
| 6060.00   | 6060.00   | 6060.00  | 6060.00   | 13.48           | 13.48        | 90.50         | -0.44           | 50.00      | 50.00                     | 23.04                  | 1.85                 |         |
| 6090.00   | 6090.00   | 6090.00  | 6090.00   | 13.55           | 13.55        | 90.50         | -0.44           | 50.00      | 50.00                     | 22.91                  | 1.85                 |         |
| 6120.00   | 6120.00   | 6120.00  | 6120.00   | 13.62           | 13.62        | 90.50         | -0.44           | 50.00      | 50.00                     | 22.77                  | 1.84                 |         |
| 6150.00   | 6150.00   | 6150.00  | 6150.00   | 13.68           | 13.68        | 90.50         | -0.44           | 50.00      | 50.00                     | 22.64                  | 1.83                 |         |
| 6180.00   | 6180.00   | 6180.00  | 6180.00   | 13.75           | 13.75        | 90.50         | -0.44           | 50.00      | 50.00                     | 22.50                  | 1.82                 |         |
| 6210.00   | 6210.00   | 6210.00  | 6210.00   | 13.82           | 13.82        | 90.50         | -0.44           | 50.00      | 50.00                     | 22.37                  | 1.81                 |         |
| 6240.00   | 6240.00   | 6240.00  | 6240.00   | 13.88           | 13.88        | 90.50         | -0.44           | 50.00      | 50.00                     | 22.23                  | 1.80                 |         |
| 6270.00   | 6270.00   | 6270.00  | 6270.00   | 13.95           | 13.95        | 90.50         | -0.44           | 50.00      | 50.00                     | 22.10                  | 1.79                 |         |
| 6300.00   | 6300.00   | 6300.00  | 6300.00   | 14.02           | 14.02        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.96                  | 1.78                 |         |
| 6330.00   | 6330.00   | 6330.00  | 6330.00   | 14.09           | 14.09        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.83                  | 1.77                 |         |
| 6360.00   | 6360.00   | 6360.00  | 6360.00   | 14.15           | 14.15        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.69                  | 1.77                 |         |
| 6390.00   | 6390.00   | 6390.00  | 6390.00   | 14.22           | 14.22        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.56                  | 1.76                 |         |
| 6420.00   | 6420.00   | 6420.00  | 6420.00   | 14.29           | 14.29        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.42                  | 1.75                 |         |
| 6450.00   | 6450.00   | 6450.00  | 6450.00   | 14.36           | 14.36        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.29                  | 1.74                 |         |
| 6480.00   | 6480.00   | 6480.00  | 6480.00   | 14.42           | 14.42        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.15                  | 1.73                 |         |
| 6510.00   | 6510.00   | 6510.00  | 6510.00   | 14.49           | 14.49        | 90.50         | -0.44           | 50.00      | 50.00                     | 21.02                  | 1.73                 |         |
| 6540.00   | 6540.00   | 6540.00  | 6540.00   | 14.56           | 14.56        | 90.50         | -0.44           | 50.00      | 50.00                     | 20.88                  | 1.72                 |         |
| 6570.00   | 6570.00   | 6570.00  | 6570.00   | 14.63           | 14.63        | 90.50         | -0.44           | 50.00      | 50.00                     | 20.75                  | 1.71                 |         |
| 6600.00   | 6600.00   | 6600.00  | 6600.00   | 14.69           | 14.69        | 90.50         | -0.44           | 50.00      | 50.00                     | 20.61                  | 1.70                 |         |
| 6630.00   | 6630.00   | 6630.00  | 6630.00   | 14.76           | 14.76        | 90.50         | -0.44           | 50.00      | 50.00                     | 20.48                  | 1.69                 |         |
| 6660.00   | 6660.00   | 6660.00  | 6660.00   | 14.83           | 14.83        | 90.50         | -0.44           | 50.00      | 50.00                     | 20.34                  | 1.69                 |         |
| 6690.00   | 6690.00   | 6690.00  | 6690.00   | 14.90           | 14.90        | 90.50         | -0.44           | 50.00      | 50.00                     | 20.21                  | 1.68                 |         |
| 6720.00   | 6720.00   | 6720.00  | 6720.00   | 14.96           | 14.96        | 90.50         | -0.44           | 50.00      | 50.00                     | 20.07                  | 1.67                 |         |
| 6750.00   | 6750.00   | 6750.00  | 6750.00   | 15.03           | 15.03        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.94                  | 1.66                 |         |
| 6780.00   | 6780.00   | 6780.00  | 6780.00   | 15.10           | 15.10        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.80                  | 1.66                 |         |
| 6810.00   | 6810.00   | 6810.00  | 6810.00   | 15.17           | 15.17        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.67                  | 1.65                 |         |
| 6840.00   | 6840.00   | 6840.00  | 6840.00   | 15.23           | 15.23        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.53                  | 1.64                 |         |
| 6870.00   | 6870.00   | 6870.00  | 6870.00   | 15.30           | 15.30        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.40                  | 1.63                 |         |
| 6900.00   | 6900.00   | 6900.00  | 6900.00   | 15.37           | 15.37        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.27                  | 1.63                 |         |
| 6930.00   | 6930.00   | 6930.00  | 6930.00   | 15.44           | 15.44        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.13                  | 1.62                 |         |
| 6960.00   | 6960.00   | 6960.00  | 6960.00   | 15.50           | 15.50        | 90.50         | -0.44           | 50.00      | 50.00                     | 19.00                  | 1.61                 |         |
| 6990.00   | 6990.00   | 6990.00  | 6990.00   | 15.57           | 15.57        | 90.50         | -0.44           | 50.00      | 50.00                     | 18.86                  | 1.61                 |         |
| 7020.00   | 7020.00   | 7020.00  | 7020.00   | 15.64           | 15.64        | 90.50         | -0.44           | 50.00      | 50.00                     | 18.73                  | 1.60                 |         |
| 7050.00   | 7050.00   | 7050.00  | 7050.00   | 15.71           | 15.71        | 90.50         | -0.44           | 50.00      | 50.00                     | 18.59                  | 1.59                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 17  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H Gnd North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H

Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 7080.00   | 7080.00   | 7080.00  | 7080.00   | 15.77           | 15.77        | 90.50         | -0.44           | 50.00      | 50.00                     | 18.46                  | 1.59                 |         |
| 7110.00   | 7110.00   | 7110.00  | 7110.00   | 15.84           | 15.84        | 90.50         | -0.44           | 50.00      | 50.00                     | 18.32                  | 1.58                 |         |
| 7140.00   | 7140.00   | 7140.00  | 7140.00   | 15.91           | 15.91        | 90.50         | -0.44           | 50.00      | 50.00                     | 18.19                  | 1.57                 |         |
| 7170.00   | 7170.00   | 7170.00  | 7170.00   | 15.98           | 15.98        | 90.50         | -0.44           | 50.00      | 50.00                     | 18.05                  | 1.56                 |         |
| 7200.00   | 7200.00   | 7200.00  | 7200.00   | 16.04           | 16.04        | 90.50         | -0.44           | 50.00      | 50.00                     | 17.92                  | 1.56                 |         |
| 7230.00   | 7230.00   | 7230.00  | 7230.00   | 16.11           | 16.11        | 90.50         | -0.44           | 50.00      | 50.00                     | 17.78                  | 1.55                 |         |
| 7260.00   | 7260.00   | 7260.00  | 7260.00   | 16.18           | 16.18        | 90.50         | -0.44           | 50.00      | 50.00                     | 17.65                  | 1.55                 |         |
| 7290.00   | 7290.00   | 7290.00  | 7290.00   | 16.24           | 16.24        | 90.50         | -0.44           | 50.00      | 50.00                     | 17.51                  | 1.54                 |         |
| 7320.00   | 7320.00   | 7320.00  | 7320.00   | 16.31           | 16.31        | 90.50         | -0.44           | 50.00      | 50.00                     | 17.38                  | 1.53                 |         |
| 7350.00   | 7350.00   | 7350.00  | 7350.00   | 16.38           | 16.38        | 90.50         | -0.44           | 50.00      | 50.00                     | 17.24                  | 1.53                 |         |
| 7380.00   | 7380.00   | 7380.00  | 7380.00   | 16.45           | 16.45        | 90.50         | -0.44           | 50.00      | 50.00                     | 17.11                  | 1.52                 |         |
| 7410.00   | 7410.00   | 7410.00  | 7410.00   | 16.51           | 16.51        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.97                  | 1.51                 |         |
| 7440.00   | 7440.00   | 7440.00  | 7440.00   | 16.58           | 16.58        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.84                  | 1.51                 |         |
| 7470.00   | 7470.00   | 7470.00  | 7470.00   | 16.65           | 16.65        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.70                  | 1.50                 |         |
| 7500.00   | 7500.00   | 7500.00  | 7500.00   | 16.72           | 16.72        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.57                  | 1.50                 | Level 3 |
| 7530.00   | 7530.00   | 7530.00  | 7530.00   | 16.78           | 16.78        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.43                  | 1.49                 | Level 3 |
| 7560.00   | 7560.00   | 7560.00  | 7560.00   | 16.85           | 16.85        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.30                  | 1.48                 | Level 3 |
| 7590.00   | 7590.00   | 7590.00  | 7590.00   | 16.92           | 16.92        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.16                  | 1.48                 | Level 3 |
| 7620.00   | 7620.00   | 7620.00  | 7620.00   | 16.99           | 16.99        | 90.50         | -0.44           | 50.00      | 50.00                     | 16.03                  | 1.47                 | Level 3 |
| 7650.00   | 7650.00   | 7650.00  | 7650.00   | 17.05           | 17.05        | 90.50         | -0.44           | 50.00      | 50.00                     | 15.89                  | 1.47                 | Level 3 |
| 7680.00   | 7680.00   | 7680.00  | 7680.00   | 17.12           | 17.12        | 90.50         | -0.44           | 50.00      | 50.00                     | 15.76                  | 1.46                 | Level 3 |
| 7710.00   | 7710.00   | 7710.00  | 7710.00   | 17.19           | 17.19        | 90.50         | -0.44           | 50.00      | 50.00                     | 15.62                  | 1.45                 | Level 3 |
| 7740.00   | 7740.00   | 7740.00  | 7740.00   | 17.26           | 17.26        | 90.50         | -0.44           | 50.00      | 50.00                     | 15.49                  | 1.45                 | Level 3 |
| 7770.00   | 7770.00   | 7770.00  | 7770.00   | 17.32           | 17.32        | 90.50         | -0.44           | 50.00      | 50.00                     | 15.35                  | 1.44                 | Level 3 |
| 7800.00   | 7800.00   | 7800.00  | 7800.00   | 17.39           | 17.39        | 90.50         | -0.44           | 50.00      | 50.00                     | 15.22                  | 1.44                 | Level 3 |
| 7830.00   | 7830.00   | 7830.00  | 7830.00   | 17.46           | 17.46        | 90.50         | -0.44           | 50.00      | 50.00                     | 15.08                  | 1.43                 | Level 3 |
| 7860.00   | 7860.00   | 7860.00  | 7860.00   | 17.53           | 17.53        | 90.50         | -0.44           | 50.00      | 50.00                     | 14.95                  | 1.43                 | Level 3 |
| 7890.00   | 7890.00   | 7890.00  | 7890.00   | 17.59           | 17.59        | 90.50         | -0.44           | 50.00      | 50.00                     | 14.81                  | 1.42                 | Level 3 |
| 7920.00   | 7920.00   | 7920.00  | 7920.00   | 17.66           | 17.66        | 90.50         | -0.44           | 50.00      | 50.00                     | 14.68                  | 1.42                 | Level 3 |
| 7950.00   | 7950.00   | 7950.00  | 7950.00   | 17.73           | 17.73        | 90.50         | -0.44           | 50.00      | 50.00                     | 14.55                  | 1.41                 | Level 3 |
| 7980.00   | 7980.00   | 7980.00  | 7980.00   | 17.80           | 17.80        | 90.50         | -0.44           | 50.00      | 50.00                     | 14.41                  | 1.40                 | Level 3 |
| 8010.00   | 8010.00   | 8010.00  | 8010.00   | 17.86           | 17.86        | 90.50         | -0.44           | 50.00      | 50.00                     | 14.28                  | 1.40                 | Level 3 |
| 8040.00   | 8040.00   | 8040.00  | 8040.00   | 17.93           | 17.93        | 190.54        | -0.44           | 50.00      | 50.17                     | 14.32                  | 1.40                 | Level 3 |
| 8070.00   | 8069.96   | 8069.96  | 8069.96   | 17.99           | 18.00        | 190.28        | -0.44           | 50.00      | 51.56                     | 15.60                  | 1.43                 | Level 3 |
| 8100.00   | 8099.83   | 8099.83  | 8099.83   | 18.05           | 18.07        | 189.79        | -0.44           | 50.00      | 54.33                     | 18.31                  | 1.51                 |         |
| 8130.00   | 8129.53   | 8129.53  | 8129.53   | 18.11           | 18.13        | 189.15        | -0.44           | 50.00      | 58.49                     | 22.43                  | 1.62                 |         |
| 8160.00   | 8158.99   | 8158.99  | 8158.99   | 18.16           | 18.20        | 188.42        | -0.44           | 50.00      | 64.05                     | 27.97                  | 1.78                 |         |
| 8190.00   | 8188.16   | 8188.16  | 8188.16   | 18.23           | 18.26        | 187.68        | -0.44           | 50.00      | 70.98                     | 34.92                  | 1.97                 |         |
| 8220.00   | 8216.97   | 8216.97  | 8216.97   | 18.29           | 18.33        | 186.97        | -0.44           | 50.00      | 79.28                     | 43.27                  | 2.20                 |         |
| 8250.00   | 8245.35   | 8245.35  | 8245.35   | 18.35           | 18.39        | 186.31        | -0.44           | 50.00      | 88.93                     | 53.00                  | 2.47                 |         |
| 8280.00   | 8273.25   | 8273.25  | 8273.25   | 18.42           | 18.45        | 185.72        | -0.44           | 50.00      | 99.92                     | 64.08                  | 2.79                 |         |
| 8310.00   | 8300.59   | 8300.59  | 8300.59   | 18.49           | 18.52        | 185.20        | -0.44           | 50.00      | 112.21                    | 76.50                  | 3.14                 |         |
| 8340.00   | 8327.32   | 8327.32  | 8327.32   | 18.57           | 18.58        | 184.75        | -0.44           | 50.00      | 125.78                    | 90.23                  | 3.54                 |         |
| 8370.00   | 8353.38   | 8353.38  | 8353.38   | 18.65           | 18.64        | 184.37        | -0.44           | 50.00      | 140.60                    | 105.22                 | 3.97                 |         |
| 8400.00   | 8378.71   | 8378.71  | 8378.71   | 18.74           | 18.69        | 184.04        | -0.44           | 50.00      | 156.64                    | 121.46                 | 4.45                 |         |
| 8430.00   | 8403.25   | 8402.43  | 8402.42   | 18.84           | 18.75        | 183.60        | -0.02           | 50.00      | 173.91                    | 138.95                 | 4.97                 |         |
| 8460.00   | 8426.96   | 8424.99  | 8424.95   | 18.95           | 18.79        | 182.91        | 1.24            | 50.00      | 192.45                    | 157.74                 | 5.54                 |         |
| 8490.00   | 8449.90   | 8446.47  | 8446.34   | 19.07           | 18.84        | 179.38        | 3.24            | 50.01      | 212.09                    | 177.44                 | 6.12                 |         |
| 8520.00   | 8472.79   | 8467.69  | 8467.38   | 19.20           | 18.89        | 173.23        | 5.95            | 50.02      | 231.90                    | 197.09                 | 6.66                 |         |
| 8550.00   | 8495.74   | 8488.83  | 8488.23   | 19.32           | 18.93        | 167.35        | 9.40            | 50.03      | 251.67                    | 216.64                 | 7.18                 |         |
| 8580.00   | 8518.67   | 8509.93  | 8508.92   | 19.46           | 18.98        | 161.73        | 13.57           | 50.04      | 271.35                    | 236.06                 | 7.69                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 18  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H; Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H

Well: Cotton Draw Unit #136H

Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 8610.00   | 8541.55   | 8531.03  | 8529.44   | 19.59           | 19.02        | 156.34        | 18.46           | 50.05      | 290.90                    | 255.32                 | 8.18                 |         |
| 8640.00   | 8564.32   | 8552.17  | 8549.82   | 19.72           | 19.07        | 151.20        | 24.09           | 50.07      | 310.27                    | 274.38                 | 8.65                 |         |
| 8670.00   | 8586.93   | 8573.39  | 8570.06   | 19.85           | 19.11        | 146.29        | 30.45           | 50.09      | 329.42                    | 293.21                 | 9.10                 |         |
| 8700.00   | 8609.34   | 8594.71  | 8590.16   | 19.97           | 19.16        | 141.63        | 37.56           | 50.11      | 348.32                    | 311.78                 | 9.53                 |         |
| 8730.00   | 8631.48   | 8616.18  | 8610.12   | 20.10           | 19.21        | 137.21        | 45.44           | 50.13      | 366.94                    | 330.06                 | 9.95                 |         |
| 8760.00   | 8653.32   | 8637.81  | 8629.95   | 20.23           | 19.25        | 133.04        | 54.10           | 50.15      | 385.24                    | 348.02                 | 10.35                |         |
| 8790.00   | 8674.80   | 8659.65  | 8649.64   | 20.34           | 19.30        | 129.12        | 63.55           | 50.18      | 403.20                    | 365.64                 | 10.73                |         |
| 8820.00   | 8695.88   | 8681.72  | 8669.17   | 20.46           | 19.35        | 125.43        | 73.83           | 50.21      | 420.78                    | 382.87                 | 11.10                |         |
| 8850.00   | 8716.51   | 8704.05  | 8688.53   | 20.59           | 19.41        | 121.99        | 84.96           | 50.24      | 437.97                    | 399.70                 | 11.45                |         |
| 8880.00   | 8736.64   | 8726.67  | 8707.71   | 20.71           | 19.46        | 118.78        | 96.95           | 50.28      | 454.71                    | 416.10                 | 11.78                |         |
| 8910.00   | 8756.24   | 8749.61  | 8726.67   | 20.83           | 19.52        | 115.80        | 109.84          | 50.31      | 471.00                    | 432.04                 | 12.09                |         |
| 8940.00   | 8775.24   | 8772.88  | 8745.40   | 20.95           | 19.58        | 113.03        | 123.65          | 50.35      | 486.80                    | 447.50                 | 12.39                |         |
| 8970.00   | 8793.62   | 8796.50  | 8763.85   | 21.07           | 19.65        | 110.47        | 138.40          | 50.39      | 502.08                    | 462.44                 | 12.67                |         |
| 9000.00   | 8811.34   | 8820.51  | 8781.99   | 21.19           | 19.72        | 108.11        | 154.13          | 50.44      | 516.81                    | 476.85                 | 12.93                |         |
| 9030.00   | 8828.34   | 8844.91  | 8799.77   | 21.31           | 19.80        | 105.93        | 170.84          | 50.49      | 530.97                    | 490.68                 | 13.18                |         |
| 9060.00   | 8844.61   | 8869.73  | 8817.14   | 21.43           | 19.88        | 103.94        | 188.56          | 50.54      | 544.53                    | 503.91                 | 13.40                |         |
| 9090.00   | 8860.09   | 8894.96  | 8834.03   | 21.56           | 19.97        | 102.11        | 207.30          | 50.59      | 557.47                    | 516.52                 | 13.62                |         |
| 9120.00   | 8874.75   | 8920.62  | 8850.39   | 21.68           | 20.07        | 100.44        | 227.07          | 50.64      | 569.75                    | 528.48                 | 13.81                |         |
| 9150.00   | 8888.57   | 8946.72  | 8866.14   | 21.80           | 20.17        | 98.93         | 247.88          | 50.70      | 581.35                    | 539.77                 | 13.98                |         |
| 9180.00   | 8901.52   | 8973.26  | 8881.21   | 21.92           | 20.29        | 97.55         | 269.72          | 50.77      | 592.24                    | 550.34                 | 14.13                |         |
| 9210.00   | 8913.55   | 9000.22  | 8895.52   | 22.05           | 20.41        | 96.31         | 292.56          | 50.83      | 602.40                    | 560.19                 | 14.27                |         |
| 9240.00   | 8924.65   | 9027.60  | 8908.99   | 22.17           | 20.54        | 95.20         | 316.40          | 50.90      | 611.81                    | 569.27                 | 14.38                |         |
| 9270.00   | 8934.79   | 9055.39  | 8921.53   | 22.29           | 20.69        | 94.21         | 341.20          | 50.97      | 620.43                    | 577.58                 | 14.48                |         |
| 9300.00   | 8943.95   | 9083.57  | 8933.06   | 22.41           | 20.85        | 93.34         | 366.91          | 51.04      | 628.26                    | 585.09                 | 14.55                |         |
| 9330.00   | 8952.12   | 9112.11  | 8943.50   | 22.53           | 21.01        | 92.58         | 393.47          | 51.12      | 635.26                    | 591.77                 | 14.61                |         |
| 9360.00   | 8959.26   | 9140.99  | 8952.76   | 22.64           | 21.19        | 91.92         | 420.82          | 51.19      | 641.42                    | 597.62                 | 14.64                |         |
| 9390.00   | 8965.36   | 9170.16  | 8960.77   | 22.75           | 21.39        | 91.37         | 448.86          | 51.27      | 646.73                    | 602.60                 | 14.65                |         |
| 9420.00   | 8970.42   | 9199.59  | 8967.46   | 22.87           | 21.59        | 90.91         | 477.52          | 51.35      | 651.16                    | 606.71                 | 14.65                |         |
| 9450.00   | 8974.42   | 9229.23  | 8972.77   | 22.97           | 21.81        | 90.55         | 506.68          | 51.44      | 654.71                    | 609.93                 | 14.62                |         |
| 9480.00   | 8977.35   | 9259.04  | 8976.65   | 23.08           | 22.03        | 90.28         | 536.23          | 51.52      | 657.36                    | 612.25                 | 14.57                |         |
| 9510.00   | 8979.20   | 9288.96  | 8979.06   | 23.18           | 22.27        | 90.10         | 566.05          | 51.61      | 659.11                    | 613.67                 | 14.50                |         |
| 9540.00   | 8979.97   | 9318.95  | 8979.99   | 23.28           | 22.51        | 90.01         | 596.02          | 51.69      | 659.95                    | 614.18                 | 14.42                |         |
| 9570.00   | 8980.00   | 9348.98  | 8980.00   | 23.52           | 22.77        | 90.00         | 626.05          | 51.77      | 660.16                    | 613.90                 | 14.27                |         |
| 9600.00   | 8980.00   | 9379.02  | 8980.00   | 23.79           | 23.03        | 90.00         | 656.09          | 51.86      | 660.34                    | 613.55                 | 14.11                |         |
| 9630.00   | 8980.00   | 9409.06  | 8980.00   | 24.08           | 23.29        | 90.00         | 686.13          | 51.94      | 660.53                    | 613.18                 | 13.95                |         |
| 9660.00   | 8980.00   | 9439.09  | 8980.00   | 24.38           | 23.57        | 90.00         | 716.17          | 52.02      | 660.71                    | 612.79                 | 13.79                |         |
| 9690.00   | 8980.00   | 9469.13  | 8980.00   | 24.67           | 23.85        | 90.00         | 746.20          | 52.09      | 660.89                    | 612.40                 | 13.63                |         |
| 9720.00   | 8980.00   | 9499.17  | 8980.00   | 24.98           | 24.13        | 90.00         | 776.24          | 52.17      | 661.07                    | 611.99                 | 13.47                |         |
| 9750.00   | 8980.00   | 9529.21  | 8980.00   | 25.30           | 24.44        | 90.00         | 806.28          | 52.24      | 661.25                    | 611.54                 | 13.30                |         |
| 9780.00   | 8980.00   | 9559.25  | 8980.00   | 25.62           | 24.75        | 90.00         | 836.32          | 52.32      | 661.43                    | 611.09                 | 13.14                |         |
| 9810.00   | 8980.00   | 9589.28  | 8980.00   | 25.94           | 25.06        | 90.00         | 866.35          | 52.39      | 661.60                    | 610.63                 | 12.98                |         |
| 9840.00   | 8980.00   | 9619.32  | 8980.00   | 26.29           | 25.38        | 90.00         | 896.39          | 52.46      | 661.77                    | 610.13                 | 12.82                |         |
| 9870.00   | 8980.00   | 9649.36  | 8980.00   | 26.63           | 25.72        | 90.00         | 926.43          | 52.52      | 661.94                    | 609.63                 | 12.65                |         |
| 9900.00   | 8980.00   | 9679.40  | 8980.00   | 26.97           | 26.05        | 90.00         | 956.47          | 52.59      | 662.11                    | 609.12                 | 12.49                |         |
| 9930.00   | 8980.00   | 9709.43  | 8980.00   | 27.34           | 26.39        | 90.00         | 986.51          | 52.65      | 662.28                    | 608.58                 | 12.33                |         |
| 9960.00   | 8980.00   | 9739.47  | 8980.00   | 27.70           | 26.75        | 90.00         | 1016.54         | 52.71      | 662.44                    | 608.02                 | 12.17                |         |
| 9990.00   | 8980.00   | 9769.51  | 8980.00   | 28.07           | 27.11        | 90.00         | 1046.58         | 52.77      | 662.61                    | 607.46                 | 12.02                |         |
| 10020.00  | 8980.00   | 9799.55  | 8980.00   | 28.45           | 27.47        | 90.00         | 1076.62         | 52.83      | 662.77                    | 606.89                 | 11.86                |         |
| 10050.00  | 8980.00   | 9829.59  | 8980.00   | 28.83           | 27.85        | 90.00         | 1106.66         | 52.89      | 662.93                    | 606.28                 | 11.70                |         |
| 10080.00  | 8980.00   | 9859.63  | 8980.00   | 29.21           | 28.22        | 90.00         | 1136.70         | 52.94      | 663.09                    | 605.68                 | 11.55                |         |
| 10110.00  | 8980.00   | 9889.66  | 8980.00   | 29.60           | 28.60        | 90.00         | 1166.73         | 53.00      | 663.25                    | 605.07                 | 11.40                |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 19  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H, Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 10140.00  | 8980.01   | 9919.70  | 8980.00   | 30.00           | 28.99        | 90.00         | 1196.77         | 53.05      | 663.40                    | 604.44                 | 11.25                |         |
| 10170.00  | 8980.01   | 9949.74  | 8980.00   | 30.40           | 29.39        | 90.00         | 1226.81         | 53.10      | 663.55                    | 603.79                 | 11.10                |         |
| 10200.00  | 8980.01   | 9979.78  | 8980.00   | 30.81           | 29.78        | 90.00         | 1256.85         | 53.15      | 663.71                    | 603.15                 | 10.96                |         |
| 10230.00  | 8980.01   | 10009.82 | 8980.00   | 31.22           | 30.18        | 90.00         | 1286.89         | 53.19      | 663.86                    | 602.48                 | 10.82                |         |
| 10260.00  | 8980.01   | 10039.85 | 8980.00   | 31.63           | 30.59        | 90.00         | 1316.92         | 53.24      | 664.00                    | 601.81                 | 10.68                |         |
| 10290.00  | 8980.01   | 10069.89 | 8980.00   | 32.05           | 31.00        | 90.00         | 1346.96         | 53.28      | 664.15                    | 601.13                 | 10.54                |         |
| 10320.00  | 8980.01   | 10099.93 | 8980.00   | 32.47           | 31.41        | 90.00         | 1377.00         | 53.32      | 664.29                    | 600.44                 | 10.40                |         |
| 10350.00  | 8980.01   | 10129.97 | 8980.00   | 32.90           | 31.84        | 90.00         | 1407.04         | 53.36      | 664.44                    | 599.73                 | 10.27                |         |
| 10380.00  | 8980.01   | 10160.01 | 8980.00   | 33.33           | 32.26        | 90.00         | 1437.08         | 53.40      | 664.58                    | 599.02                 | 10.14                |         |
| 10410.00  | 8980.01   | 10190.04 | 8980.00   | 33.76           | 32.69        | 90.00         | 1467.12         | 53.43      | 664.72                    | 598.30                 | 10.01                |         |
| 10440.00  | 8980.01   | 10220.08 | 8980.00   | 34.20           | 33.12        | 90.00         | 1497.15         | 53.47      | 664.85                    | 597.57                 | 9.88                 |         |
| 10470.00  | 8980.01   | 10250.12 | 8980.00   | 34.64           | 33.55        | 90.00         | 1527.19         | 53.50      | 664.99                    | 596.83                 | 9.76                 |         |
| 10500.00  | 8980.01   | 10280.16 | 8980.00   | 35.08           | 33.99        | 90.00         | 1557.23         | 53.53      | 665.12                    | 596.09                 | 9.63                 |         |
| 10530.00  | 8980.01   | 10310.20 | 8980.00   | 35.52           | 34.43        | 90.00         | 1587.27         | 53.56      | 665.26                    | 595.33                 | 9.51                 |         |
| 10560.00  | 8980.01   | 10340.24 | 8980.00   | 35.97           | 34.87        | 90.00         | 1617.31         | 53.58      | 665.39                    | 594.57                 | 9.40                 |         |
| 10590.00  | 8980.01   | 10370.27 | 8980.00   | 36.42           | 35.32        | 90.00         | 1647.34         | 53.61      | 665.52                    | 593.80                 | 9.28                 |         |
| 10620.00  | 8980.01   | 10400.31 | 8980.00   | 36.88           | 35.77        | 90.00         | 1677.38         | 53.63      | 665.64                    | 593.03                 | 9.17                 |         |
| 10650.00  | 8980.01   | 10430.35 | 8980.00   | 37.33           | 36.22        | 90.00         | 1707.42         | 53.65      | 665.77                    | 592.24                 | 9.05                 |         |
| 10680.00  | 8980.01   | 10460.39 | 8980.00   | 37.79           | 36.68        | 90.00         | 1737.46         | 53.67      | 665.89                    | 591.45                 | 8.95                 |         |
| 10710.00  | 8980.01   | 10490.43 | 8980.00   | 38.25           | 37.13        | 90.00         | 1767.50         | 53.69      | 666.01                    | 590.66                 | 8.84                 |         |
| 10740.00  | 8980.01   | 10520.47 | 8980.00   | 38.71           | 37.59        | 90.00         | 1797.54         | 53.71      | 666.13                    | 589.85                 | 8.73                 |         |
| 10770.00  | 8980.01   | 10550.50 | 8980.00   | 39.18           | 38.06        | 90.00         | 1827.58         | 53.72      | 666.25                    | 589.04                 | 8.63                 |         |
| 10800.00  | 8980.01   | 10580.54 | 8980.00   | 39.64           | 38.52        | 90.00         | 1857.61         | 53.74      | 666.37                    | 588.23                 | 8.53                 |         |
| 10830.00  | 8980.01   | 10610.58 | 8980.00   | 40.12           | 38.99        | 90.00         | 1887.65         | 53.75      | 666.48                    | 587.41                 | 8.43                 |         |
| 10860.00  | 8980.01   | 10640.62 | 8980.00   | 40.59           | 39.46        | 90.00         | 1917.69         | 53.76      | 666.60                    | 586.58                 | 8.33                 |         |
| 10890.00  | 8980.01   | 10670.66 | 8980.00   | 41.06           | 39.93        | 90.00         | 1947.73         | 53.76      | 666.71                    | 585.75                 | 8.23                 |         |
| 10920.00  | 8980.01   | 10700.70 | 8980.00   | 41.54           | 40.40        | 90.00         | 1977.77         | 53.77      | 666.82                    | 584.91                 | 8.14                 |         |
| 10950.00  | 8980.01   | 10730.74 | 8980.00   | 42.01           | 40.87        | 90.00         | 2007.81         | 53.77      | 666.93                    | 584.06                 | 8.05                 |         |
| 10980.00  | 8980.01   | 10760.77 | 8980.00   | 42.49           | 41.35        | 90.00         | 2037.84         | 53.78      | 667.03                    | 583.21                 | 7.96                 |         |
| 11010.00  | 8980.01   | 10790.81 | 8980.00   | 42.97           | 41.83        | 90.00         | 2067.88         | 53.78      | 667.14                    | 582.36                 | 7.87                 |         |
| 11040.00  | 8980.01   | 10820.85 | 8980.00   | 43.45           | 42.31        | 90.00         | 2097.92         | 53.78      | 667.24                    | 581.50                 | 7.78                 |         |
| 11070.00  | 8980.01   | 10850.89 | 8980.00   | 43.94           | 42.79        | 90.00         | 2127.96         | 53.77      | 667.34                    | 580.64                 | 7.70                 |         |
| 11100.00  | 8980.01   | 10880.93 | 8980.00   | 44.42           | 43.27        | 90.00         | 2158.00         | 53.77      | 667.44                    | 579.77                 | 7.61                 |         |
| 11130.00  | 8980.01   | 10910.97 | 8980.00   | 44.91           | 43.76        | 90.00         | 2188.04         | 53.76      | 667.54                    | 578.90                 | 7.53                 |         |
| 11160.00  | 8980.01   | 10941.01 | 8980.00   | 45.40           | 44.24        | 90.00         | 2218.08         | 53.76      | 667.63                    | 578.02                 | 7.45                 |         |
| 11190.00  | 8980.01   | 10971.04 | 8980.00   | 45.88           | 44.73        | 90.00         | 2248.11         | 53.75      | 667.73                    | 577.13                 | 7.37                 |         |
| 11220.00  | 8980.01   | 11001.08 | 8980.00   | 46.37           | 45.22        | 90.00         | 2278.15         | 53.73      | 667.82                    | 576.25                 | 7.29                 |         |
| 11250.00  | 8980.01   | 11031.12 | 8980.00   | 46.87           | 45.71        | 90.00         | 2308.19         | 53.72      | 667.91                    | 575.35                 | 7.22                 |         |
| 11280.00  | 8980.02   | 11061.16 | 8980.00   | 47.36           | 46.20        | 90.00         | 2338.23         | 53.71      | 668.00                    | 574.46                 | 7.14                 |         |
| 11310.00  | 8980.02   | 11091.20 | 8980.00   | 47.85           | 46.70        | 90.00         | 2368.27         | 53.69      | 668.09                    | 573.56                 | 7.07                 |         |
| 11340.00  | 8980.02   | 11121.24 | 8980.00   | 48.35           | 47.19        | 90.00         | 2398.31         | 53.67      | 668.17                    | 572.65                 | 7.00                 |         |
| 11370.00  | 8980.02   | 11151.28 | 8980.00   | 48.85           | 47.69        | 90.00         | 2428.35         | 53.65      | 668.26                    | 571.74                 | 6.92                 |         |
| 11400.00  | 8980.02   | 11181.31 | 8980.00   | 49.34           | 48.18        | 90.00         | 2458.38         | 53.63      | 668.34                    | 570.83                 | 6.85                 |         |
| 11430.00  | 8980.02   | 11211.35 | 8980.00   | 49.84           | 48.68        | 90.00         | 2488.42         | 53.61      | 668.42                    | 569.92                 | 6.79                 |         |
| 11460.00  | 8980.02   | 11241.39 | 8980.00   | 50.34           | 49.18        | 90.00         | 2518.46         | 53.58      | 668.50                    | 569.00                 | 6.72                 |         |
| 11490.00  | 8980.02   | 11271.43 | 8980.00   | 50.84           | 49.68        | 90.00         | 2548.50         | 53.55      | 668.57                    | 568.07                 | 6.65                 |         |
| 11520.00  | 8980.02   | 11301.47 | 8980.00   | 51.34           | 50.18        | 90.00         | 2578.54         | 53.52      | 668.65                    | 567.15                 | 6.59                 |         |
| 11550.00  | 8980.02   | 11331.51 | 8980.00   | 51.85           | 50.68        | 90.00         | 2608.58         | 53.49      | 668.72                    | 566.21                 | 6.52                 |         |
| 11580.00  | 8980.02   | 11361.55 | 8980.00   | 52.35           | 51.18        | 90.00         | 2638.62         | 53.46      | 668.79                    | 565.28                 | 6.46                 |         |
| 11610.00  | 8980.02   | 11391.59 | 8980.00   | 52.85           | 51.69        | 90.00         | 2668.66         | 53.43      | 668.86                    | 564.34                 | 6.40                 |         |
| 11640.00  | 8980.02   | 11421.62 | 8980.00   | 53.36           | 52.19        | 90.00         | 2698.69         | 53.39      | 668.93                    | 563.40                 | 6.34                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 20  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H; Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |                | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|----------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-IIS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 11670.00  | 8980.02   | 11451.66 | 8980.00   | 53.86           | 52.70        | 90.00          | 2728.73         | 53.35      | 669.00                    | 562.45                 | 6.28                 |         |
| 11700.00  | 8980.02   | 11481.70 | 8980.00   | 54.37           | 53.20        | 90.00          | 2758.77         | 53.32      | 669.06                    | 561.50                 | 6.22                 |         |
| 11730.00  | 8980.02   | 11511.74 | 8980.00   | 54.88           | 53.71        | 90.00          | 2788.81         | 53.27      | 669.12                    | 560.55                 | 6.16                 |         |
| 11760.00  | 8980.02   | 11541.78 | 8980.00   | 55.39           | 54.22        | 90.00          | 2818.85         | 53.23      | 669.18                    | 559.59                 | 6.11                 |         |
| 11790.00  | 8980.02   | 11571.82 | 8980.00   | 55.90           | 54.73        | 90.00          | 2848.89         | 53.19      | 669.24                    | 558.64                 | 6.05                 |         |
| 11820.00  | 8980.02   | 11601.86 | 8980.00   | 56.41           | 55.24        | 90.00          | 2878.93         | 53.14      | 669.30                    | 557.68                 | 6.00                 |         |
| 11850.00  | 8980.02   | 11631.90 | 8980.00   | 56.92           | 55.75        | 90.00          | 2908.97         | 53.09      | 669.36                    | 556.71                 | 5.94                 |         |
| 11880.00  | 8980.02   | 11661.93 | 8980.00   | 57.43           | 56.26        | 90.00          | 2939.00         | 53.04      | 669.41                    | 555.74                 | 5.89                 |         |
| 11910.00  | 8980.02   | 11691.97 | 8980.00   | 57.94           | 56.77        | 90.00          | 2969.04         | 52.99      | 669.46                    | 554.77                 | 5.84                 |         |
| 11940.00  | 8980.02   | 11722.01 | 8980.00   | 58.45           | 57.28        | 90.00          | 2999.08         | 52.94      | 669.51                    | 553.79                 | 5.79                 |         |
| 11970.00  | 8980.02   | 11752.05 | 8980.00   | 58.97           | 57.80        | 90.00          | 3029.12         | 52.88      | 669.56                    | 552.82                 | 5.74                 |         |
| 12000.00  | 8980.02   | 11782.09 | 8980.00   | 59.48           | 58.31        | 90.00          | 3059.16         | 52.83      | 669.61                    | 551.84                 | 5.69                 |         |
| 12030.00  | 8980.02   | 11812.13 | 8980.00   | 59.99           | 58.82        | 90.00          | 3089.20         | 52.77      | 669.66                    | 550.85                 | 5.64                 |         |
| 12060.00  | 8980.02   | 11842.17 | 8980.00   | 60.51           | 59.34        | 90.00          | 3119.24         | 52.71      | 669.70                    | 549.87                 | 5.59                 |         |
| 12090.00  | 8980.02   | 11872.21 | 8980.00   | 61.02           | 59.86        | 90.00          | 3149.28         | 52.65      | 669.74                    | 548.88                 | 5.54                 |         |
| 12120.00  | 8980.02   | 11902.24 | 8980.00   | 61.54           | 60.37        | 90.00          | 3179.31         | 52.58      | 669.78                    | 547.88                 | 5.49                 |         |
| 12150.00  | 8980.02   | 11932.28 | 8980.00   | 62.06           | 60.89        | 90.00          | 3209.35         | 52.52      | 669.82                    | 546.89                 | 5.45                 |         |
| 12180.00  | 8980.02   | 11962.32 | 8980.00   | 62.57           | 61.41        | 90.00          | 3239.39         | 52.45      | 669.86                    | 545.89                 | 5.40                 |         |
| 12210.00  | 8980.02   | 11992.36 | 8980.00   | 63.09           | 61.92        | 90.00          | 3269.43         | 52.38      | 669.89                    | 544.89                 | 5.36                 |         |
| 12240.00  | 8980.02   | 12022.40 | 8980.00   | 63.61           | 62.44        | 90.00          | 3299.47         | 52.31      | 669.92                    | 543.89                 | 5.32                 |         |
| 12270.00  | 8980.02   | 12052.44 | 8980.00   | 64.13           | 62.96        | 90.00          | 3329.51         | 52.24      | 669.96                    | 542.88                 | 5.27                 |         |
| 12300.00  | 8980.02   | 12082.48 | 8980.00   | 64.65           | 63.48        | 90.00          | 3359.55         | 52.16      | 669.99                    | 541.87                 | 5.23                 |         |
| 12330.00  | 8980.02   | 12112.52 | 8980.00   | 65.17           | 64.00        | 90.00          | 3389.59         | 52.09      | 670.01                    | 540.86                 | 5.19                 |         |
| 12360.00  | 8980.02   | 12142.56 | 8980.00   | 65.69           | 64.52        | 90.00          | 3419.62         | 52.01      | 670.04                    | 539.84                 | 5.15                 |         |
| 12390.00  | 8980.02   | 12172.59 | 8980.00   | 66.21           | 65.04        | 90.00          | 3449.66         | 51.93      | 670.06                    | 538.83                 | 5.11                 |         |
| 12420.00  | 8980.03   | 12202.63 | 8980.00   | 66.73           | 65.56        | 90.00          | 3479.70         | 51.85      | 670.09                    | 537.81                 | 5.07                 |         |
| 12450.00  | 8980.03   | 12232.67 | 8980.00   | 67.25           | 66.09        | 90.00          | 3509.74         | 51.77      | 670.11                    | 536.78                 | 5.03                 |         |
| 12480.00  | 8980.03   | 12262.71 | 8980.00   | 67.77           | 66.61        | 90.00          | 3539.78         | 51.68      | 670.13                    | 535.76                 | 4.99                 |         |
| 12510.00  | 8980.03   | 12292.75 | 8980.00   | 68.30           | 67.13        | 90.00          | 3569.82         | 51.59      | 670.14                    | 534.73                 | 4.95                 |         |
| 12540.00  | 8980.03   | 12322.79 | 8980.00   | 68.82           | 67.65        | 90.00          | 3599.86         | 51.51      | 670.16                    | 533.70                 | 4.91                 |         |
| 12570.00  | 8980.03   | 12352.83 | 8980.00   | 69.34           | 68.18        | 90.00          | 3629.90         | 51.42      | 670.17                    | 532.67                 | 4.87                 |         |
| 12600.00  | 8980.03   | 12382.87 | 8980.00   | 69.87           | 68.70        | 90.00          | 3659.93         | 51.33      | 670.19                    | 531.63                 | 4.84                 |         |
| 12630.00  | 8980.03   | 12412.91 | 8980.00   | 70.39           | 69.22        | 90.00          | 3689.97         | 51.23      | 670.20                    | 530.60                 | 4.80                 |         |
| 12660.00  | 8980.03   | 12442.94 | 8980.00   | 70.91           | 69.75        | 90.00          | 3720.01         | 51.14      | 670.21                    | 529.55                 | 4.77                 |         |
| 12690.00  | 8980.03   | 12472.98 | 8980.00   | 71.44           | 70.27        | 90.00          | 3750.05         | 51.04      | 670.21                    | 528.51                 | 4.73                 |         |
| 12720.00  | 8980.03   | 12503.02 | 8980.00   | 71.96           | 70.80        | 90.00          | 3780.09         | 50.94      | 670.22                    | 527.47                 | 4.70                 |         |
| 12750.00  | 8980.03   | 12533.06 | 8980.00   | 72.49           | 71.33        | 90.00          | 3810.13         | 50.84      | 670.22                    | 526.42                 | 4.66                 |         |
| 12780.00  | 8980.03   | 12563.10 | 8980.00   | 73.01           | 71.85        | 90.00          | 3840.17         | 50.74      | 670.22                    | 525.37                 | 4.63                 |         |
| 12810.00  | 8980.03   | 12593.14 | 8980.00   | 73.54           | 72.38        | 90.00          | 3870.21         | 50.64      | 670.22                    | 524.32                 | 4.59                 |         |
| 12840.00  | 8980.03   | 12623.18 | 8980.00   | 74.07           | 72.91        | 90.00          | 3900.24         | 50.53      | 670.22                    | 523.26                 | 4.56                 |         |
| 12870.00  | 8980.03   | 12653.22 | 8980.00   | 74.59           | 73.43        | 90.00          | 3930.28         | 50.42      | 670.22                    | 522.20                 | 4.53                 |         |
| 12900.00  | 8980.03   | 12683.26 | 8980.00   | 75.12           | 73.96        | 90.00          | 3960.32         | 50.31      | 670.21                    | 521.15                 | 4.50                 |         |
| 12930.00  | 8980.03   | 12713.29 | 8980.00   | 75.65           | 74.49        | 90.00          | 3990.36         | 50.20      | 670.21                    | 520.08                 | 4.46                 |         |
| 12960.00  | 8980.03   | 12743.33 | 8980.00   | 76.18           | 75.02        | 90.00          | 4020.40         | 50.09      | 670.20                    | 519.02                 | 4.43                 |         |
| 12990.00  | 8980.03   | 12773.37 | 8980.00   | 76.70           | 75.54        | 90.00          | 4050.44         | 49.98      | 670.19                    | 517.95                 | 4.40                 |         |
| 13020.00  | 8980.03   | 12803.41 | 8980.00   | 77.23           | 76.07        | 90.00          | 4080.48         | 49.86      | 670.17                    | 516.88                 | 4.37                 |         |
| 13050.00  | 8980.03   | 12833.45 | 8980.00   | 77.76           | 76.60        | 90.00          | 4110.52         | 49.74      | 670.16                    | 515.81                 | 4.34                 |         |
| 13080.00  | 8980.03   | 12863.49 | 8980.00   | 78.29           | 77.13        | 90.00          | 4140.55         | 49.62      | 670.14                    | 514.74                 | 4.31                 |         |
| 13110.00  | 8980.03   | 12893.53 | 8980.00   | 78.82           | 77.66        | 90.00          | 4170.59         | 49.50      | 670.13                    | 513.66                 | 4.28                 |         |
| 13140.00  | 8980.03   | 12923.57 | 8980.00   | 79.35           | 78.19        | 90.00          | 4200.63         | 49.38      | 670.11                    | 512.58                 | 4.25                 |         |
| 13170.00  | 8980.03   | 12953.61 | 8980.00   | 79.88           | 78.72        | 90.00          | 4230.67         | 49.25      | 670.09                    | 511.50                 | 4.23                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 21  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H; Grid: North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              | Offset Location |             |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|-----------------|-------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg   | North<br>ft | East<br>ft |                           |                        |                      |         |
| 13200.00  | 8980.03   | 12983.64 | 8980.00   | 80.40           | 79.25        | 90.00           | 4260.71     | 49.13      | 670.07                    | 510.42                 | 4.20                 |         |
| 13230.00  | 8980.03   | 13013.68 | 8980.00   | 80.93           | 79.78        | 90.00           | 4290.75     | 49.00      | 670.04                    | 509.34                 | 4.17                 |         |
| 13260.00  | 8980.03   | 13043.72 | 8980.00   | 81.46           | 80.31        | 90.00           | 4320.79     | 48.87      | 670.01                    | 508.25                 | 4.14                 |         |
| 13290.00  | 8980.03   | 13073.76 | 8980.00   | 82.00           | 80.84        | 90.00           | 4350.82     | 48.74      | 669.99                    | 507.16                 | 4.11                 |         |
| 13320.00  | 8980.03   | 13103.80 | 8980.00   | 82.53           | 81.37        | 90.00           | 4380.86     | 48.60      | 669.96                    | 506.07                 | 4.09                 |         |
| 13350.00  | 8980.03   | 13133.84 | 8980.00   | 83.06           | 81.91        | 90.00           | 4410.90     | 48.47      | 669.93                    | 504.98                 | 4.06                 |         |
| 13380.00  | 8980.03   | 13163.88 | 8980.00   | 83.59           | 82.44        | 90.00           | 4440.94     | 48.33      | 669.89                    | 503.88                 | 4.04                 |         |
| 13410.00  | 8980.03   | 13193.92 | 8980.00   | 84.12           | 82.97        | 90.00           | 4470.98     | 48.19      | 669.86                    | 502.78                 | 4.01                 |         |
| 13440.00  | 8980.03   | 13223.96 | 8980.00   | 84.65           | 83.50        | 90.00           | 4501.02     | 48.05      | 669.82                    | 501.68                 | 3.98                 |         |
| 13470.00  | 8980.03   | 13253.99 | 8980.00   | 85.18           | 84.03        | 90.00           | 4531.06     | 47.91      | 669.78                    | 500.58                 | 3.96                 |         |
| 13500.00  | 8980.03   | 13284.03 | 8980.00   | 85.71           | 84.57        | 90.00           | 4561.09     | 47.77      | 669.74                    | 499.47                 | 3.93                 |         |
| 13530.00  | 8980.03   | 13314.07 | 8980.00   | 86.25           | 85.10        | 90.00           | 4591.13     | 47.62      | 669.70                    | 498.37                 | 3.91                 |         |
| 13560.00  | 8980.04   | 13344.11 | 8980.00   | 86.78           | 85.63        | 90.00           | 4621.17     | 47.47      | 669.66                    | 497.26                 | 3.88                 |         |
| 13590.00  | 8980.04   | 13374.15 | 8980.00   | 87.31           | 86.17        | 90.00           | 4651.21     | 47.32      | 669.61                    | 496.15                 | 3.86                 |         |
| 13620.00  | 8980.04   | 13404.19 | 8980.00   | 87.84           | 86.70        | 90.00           | 4681.25     | 47.17      | 669.57                    | 495.03                 | 3.84                 |         |
| 13650.00  | 8980.04   | 13434.23 | 8980.00   | 88.38           | 87.23        | 90.00           | 4711.29     | 47.02      | 669.52                    | 493.92                 | 3.81                 |         |
| 13680.00  | 8980.04   | 13464.27 | 8980.00   | 88.91           | 87.77        | 90.00           | 4741.32     | 46.87      | 669.47                    | 492.80                 | 3.79                 |         |
| 13710.00  | 8980.04   | 13494.30 | 8980.00   | 89.44           | 88.30        | 90.00           | 4771.36     | 46.71      | 669.42                    | 491.68                 | 3.77                 |         |
| 13740.00  | 8980.04   | 13524.34 | 8980.00   | 89.98           | 88.83        | 90.00           | 4801.40     | 46.55      | 669.36                    | 490.56                 | 3.74                 |         |
| 13770.00  | 8980.04   | 13554.38 | 8980.00   | 90.51           | 89.37        | 90.00           | 4831.44     | 46.39      | 669.31                    | 489.44                 | 3.72                 |         |
| 13800.00  | 8980.04   | 13584.42 | 8980.00   | 91.04           | 89.90        | 90.00           | 4861.48     | 46.23      | 669.25                    | 488.31                 | 3.70                 |         |
| 13830.00  | 8980.04   | 13614.46 | 8980.00   | 91.58           | 90.44        | 90.00           | 4891.52     | 46.07      | 669.19                    | 487.18                 | 3.68                 |         |
| 13860.00  | 8980.04   | 13644.50 | 8980.00   | 92.11           | 90.97        | 90.00           | 4921.55     | 45.90      | 669.13                    | 486.05                 | 3.65                 |         |
| 13890.00  | 8980.04   | 13674.54 | 8980.00   | 92.65           | 91.51        | 90.00           | 4951.59     | 45.74      | 669.07                    | 484.92                 | 3.63                 |         |
| 13920.00  | 8980.04   | 13704.58 | 8980.00   | 93.18           | 92.04        | 90.00           | 4981.63     | 45.57      | 669.00                    | 483.79                 | 3.61                 |         |
| 13950.00  | 8980.04   | 13734.61 | 8980.00   | 93.71           | 92.58        | 90.00           | 5011.67     | 45.40      | 668.94                    | 482.65                 | 3.59                 |         |
| 13980.00  | 8980.04   | 13764.65 | 8980.00   | 94.25           | 93.12        | 90.00           | 5041.71     | 45.23      | 668.87                    | 481.51                 | 3.57                 |         |
| 14010.00  | 8980.04   | 13794.69 | 8980.00   | 94.78           | 93.65        | 90.00           | 5071.75     | 45.05      | 668.80                    | 480.37                 | 3.55                 |         |
| 14040.00  | 8980.04   | 13824.73 | 8980.00   | 95.32           | 94.19        | 90.00           | 5101.78     | 44.88      | 668.73                    | 479.23                 | 3.53                 |         |
| 14070.00  | 8980.04   | 13854.77 | 8980.00   | 95.85           | 94.72        | 90.00           | 5131.82     | 44.70      | 668.65                    | 478.09                 | 3.51                 |         |
| 14100.00  | 8980.04   | 13884.81 | 8980.00   | 96.39           | 95.26        | 90.00           | 5161.86     | 44.52      | 668.58                    | 476.94                 | 3.49                 |         |
| 14130.00  | 8980.04   | 13914.85 | 8980.00   | 96.93           | 95.80        | 90.00           | 5191.90     | 44.34      | 668.50                    | 475.79                 | 3.47                 |         |
| 14160.00  | 8980.04   | 13944.89 | 8980.00   | 97.46           | 96.33        | 90.00           | 5221.94     | 44.16      | 668.42                    | 474.64                 | 3.45                 |         |
| 14190.00  | 8980.04   | 13974.92 | 8980.00   | 98.00           | 96.87        | 90.00           | 5251.97     | 43.98      | 668.34                    | 473.49                 | 3.43                 |         |
| 14220.00  | 8980.04   | 14004.96 | 8980.00   | 98.53           | 97.41        | 90.00           | 5282.01     | 43.79      | 668.26                    | 472.33                 | 3.41                 |         |
| 14250.00  | 8980.04   | 14035.00 | 8980.00   | 99.07           | 97.94        | 90.00           | 5312.05     | 43.60      | 668.18                    | 471.18                 | 3.39                 |         |
| 14280.00  | 8980.04   | 14065.04 | 8980.00   | 99.60           | 98.48        | 90.00           | 5342.09     | 43.41      | 668.09                    | 470.02                 | 3.37                 |         |
| 14310.00  | 8980.04   | 14095.08 | 8980.00   | 100.14          | 99.02        | 90.00           | 5372.13     | 43.22      | 668.01                    | 468.86                 | 3.35                 |         |
| 14340.00  | 8980.04   | 14125.12 | 8980.00   | 100.68          | 99.55        | 90.00           | 5402.16     | 43.03      | 667.92                    | 467.69                 | 3.34                 |         |
| 14370.00  | 8980.04   | 14155.16 | 8980.00   | 101.21          | 100.09       | 90.00           | 5432.20     | 42.84      | 667.83                    | 466.53                 | 3.32                 |         |
| 14400.00  | 8980.04   | 14185.20 | 8980.00   | 101.75          | 100.63       | 90.00           | 5462.24     | 42.64      | 667.73                    | 465.36                 | 3.30                 |         |
| 14430.00  | 8980.04   | 14215.23 | 8980.00   | 102.29          | 101.17       | 90.00           | 5492.28     | 42.44      | 667.64                    | 464.20                 | 3.28                 |         |
| 14460.00  | 8980.04   | 14245.27 | 8980.00   | 102.82          | 101.70       | 90.00           | 5522.32     | 42.24      | 667.55                    | 463.02                 | 3.26                 |         |
| 14490.00  | 8980.04   | 14275.31 | 8980.00   | 103.36          | 102.24       | 90.00           | 5552.35     | 42.04      | 667.45                    | 461.85                 | 3.25                 |         |
| 14520.00  | 8980.04   | 14305.35 | 8980.00   | 103.90          | 102.78       | 90.00           | 5582.39     | 41.84      | 667.35                    | 460.68                 | 3.23                 |         |
| 14550.00  | 8980.04   | 14335.39 | 8980.00   | 104.44          | 103.32       | 90.00           | 5612.43     | 41.63      | 667.25                    | 459.50                 | 3.21                 |         |
| 14580.00  | 8980.04   | 14365.43 | 8980.00   | 104.97          | 103.86       | 90.00           | 5642.47     | 41.43      | 667.15                    | 458.32                 | 3.19                 |         |
| 14610.00  | 8980.04   | 14395.46 | 8980.00   | 105.51          | 104.40       | 90.00           | 5672.51     | 41.22      | 667.04                    | 457.14                 | 3.18                 |         |
| 14640.00  | 8980.04   | 14425.50 | 8980.00   | 106.05          | 104.93       | 90.00           | 5702.54     | 41.01      | 666.93                    | 455.96                 | 3.16                 |         |
| 14670.00  | 8980.04   | 14455.54 | 8980.00   | 106.59          | 105.47       | 90.00           | 5732.58     | 40.80      | 666.83                    | 454.78                 | 3.14                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 22  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H; Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H

Well: Cotton Draw Unit #136H

Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              | Offset Location |             | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|-----------------|-------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg   | North<br>ft |                           |                        |                      |         |
| 14700.00  | 8980.05   | 14485.58 | 8980.00   | 107.12          | 106.01       | 90.00           | 5762.62     | 40.58                     | 666.72                 | 453.59               | 3.13    |
| 14730.00  | 8980.05   | 14515.62 | 8980.00   | 107.66          | 106.55       | 90.00           | 5792.66     | 40.37                     | 666.61                 | 452.40               | 3.11    |
| 14760.00  | 8980.05   | 14545.66 | 8980.00   | 108.20          | 107.09       | 90.00           | 5822.69     | 40.15                     | 666.49                 | 451.21               | 3.10    |
| 14790.00  | 8980.05   | 14575.70 | 8980.00   | 108.74          | 107.63       | 90.00           | 5852.73     | 39.93                     | 666.38                 | 450.02               | 3.08    |
| 14820.00  | 8980.05   | 14605.73 | 8980.00   | 109.28          | 108.17       | 90.00           | 5882.77     | 39.71                     | 666.26                 | 448.83               | 3.06    |
| 14850.00  | 8980.05   | 14635.77 | 8980.00   | 109.81          | 108.71       | 90.00           | 5912.81     | 39.49                     | 666.14                 | 447.63               | 3.05    |
| 14880.00  | 8980.05   | 14665.81 | 8980.00   | 110.35          | 109.25       | 90.00           | 5942.85     | 39.26                     | 666.02                 | 446.43               | 3.03    |
| 14910.00  | 8980.05   | 14695.85 | 8980.00   | 110.89          | 109.79       | 90.00           | 5972.88     | 39.04                     | 665.90                 | 445.23               | 3.02    |
| 14940.00  | 8980.05   | 14725.89 | 8980.00   | 111.43          | 110.33       | 90.00           | 6002.92     | 38.81                     | 665.78                 | 444.03               | 3.00    |
| 14970.00  | 8980.05   | 14755.93 | 8980.00   | 111.97          | 110.87       | 90.00           | 6032.96     | 38.58                     | 665.65                 | 442.83               | 2.99    |
| 15000.00  | 8980.05   | 14785.96 | 8980.00   | 112.51          | 111.41       | 90.00           | 6063.00     | 38.35                     | 665.53                 | 441.62               | 2.97    |
| 15030.00  | 8980.05   | 14816.00 | 8980.00   | 113.05          | 111.95       | 90.00           | 6093.03     | 38.12                     | 665.40                 | 440.41               | 2.96    |
| 15060.00  | 8980.05   | 14846.04 | 8980.00   | 113.58          | 112.49       | 90.00           | 6123.07     | 37.88                     | 665.27                 | 439.20               | 2.94    |
| 15090.00  | 8980.05   | 14876.08 | 8980.00   | 114.12          | 113.03       | 90.00           | 6153.11     | 37.65                     | 665.13                 | 437.99               | 2.93    |
| 15120.00  | 8980.05   | 14906.12 | 8980.00   | 114.66          | 113.57       | 90.00           | 6183.14     | 37.41                     | 665.00                 | 436.78               | 2.91    |
| 15150.00  | 8980.05   | 14936.16 | 8980.00   | 115.20          | 114.11       | 90.00           | 6213.18     | 37.17                     | 664.86                 | 435.56               | 2.90    |
| 15180.00  | 8980.05   | 14966.19 | 8980.00   | 115.74          | 114.65       | 90.00           | 6243.22     | 36.93                     | 664.73                 | 434.35               | 2.89    |
| 15210.00  | 8980.05   | 14996.23 | 8980.00   | 116.28          | 115.19       | 90.00           | 6273.26     | 36.68                     | 664.59                 | 433.13               | 2.87    |
| 15240.00  | 8980.05   | 15026.27 | 8980.00   | 116.82          | 115.73       | 90.00           | 6303.29     | 36.44                     | 664.45                 | 431.91               | 2.86    |
| 15270.00  | 8980.05   | 15056.31 | 8980.00   | 117.36          | 116.27       | 90.00           | 6333.33     | 36.19                     | 664.30                 | 430.68               | 2.84    |
| 15300.00  | 8980.05   | 15086.35 | 8980.00   | 117.90          | 116.81       | 90.00           | 6363.37     | 35.94                     | 664.16                 | 429.46               | 2.83    |
| 15330.00  | 8980.05   | 15116.39 | 8980.00   | 118.44          | 117.35       | 90.00           | 6393.41     | 35.69                     | 664.01                 | 428.23               | 2.82    |
| 15360.00  | 8980.05   | 15146.42 | 8980.00   | 118.98          | 117.89       | 90.00           | 6423.44     | 35.44                     | 663.87                 | 427.00               | 2.80    |
| 15390.00  | 8980.05   | 15176.46 | 8980.00   | 119.52          | 118.43       | 90.00           | 6453.48     | 35.19                     | 663.72                 | 425.77               | 2.79    |
| 15420.00  | 8980.05   | 15206.50 | 8980.00   | 120.06          | 118.97       | 90.00           | 6483.52     | 34.93                     | 663.56                 | 424.54               | 2.78    |
| 15450.00  | 8980.05   | 15236.54 | 8980.00   | 120.60          | 119.51       | 90.00           | 6513.55     | 34.68                     | 663.41                 | 423.31               | 2.76    |
| 15480.00  | 8980.05   | 15266.58 | 8980.00   | 121.14          | 120.06       | 90.00           | 6543.59     | 34.42                     | 663.26                 | 422.07               | 2.75    |
| 15510.00  | 8980.05   | 15296.61 | 8980.00   | 121.68          | 120.60       | 90.00           | 6573.63     | 34.16                     | 663.10                 | 420.83               | 2.74    |
| 15540.00  | 8980.05   | 15326.65 | 8980.00   | 122.22          | 121.14       | 90.00           | 6603.66     | 33.89                     | 662.94                 | 419.59               | 2.72    |
| 15570.00  | 8980.05   | 15356.69 | 8980.00   | 122.76          | 121.68       | 90.00           | 6633.70     | 33.63                     | 662.78                 | 418.35               | 2.71    |
| 15600.00  | 8980.05   | 15386.73 | 8980.00   | 123.30          | 122.22       | 90.00           | 6663.74     | 33.36                     | 662.62                 | 417.11               | 2.70    |
| 15630.00  | 8980.05   | 15416.77 | 8980.00   | 123.84          | 122.76       | 90.00           | 6693.77     | 33.10                     | 662.46                 | 415.86               | 2.69    |
| 15660.00  | 8980.05   | 15446.80 | 8980.00   | 124.38          | 123.31       | 90.00           | 6723.81     | 32.83                     | 662.29                 | 414.61               | 2.67    |
| 15690.00  | 8980.05   | 15476.84 | 8980.00   | 124.92          | 123.85       | 90.00           | 6753.85     | 32.56                     | 662.12                 | 413.36               | 2.66    |
| 15720.00  | 8980.05   | 15506.88 | 8980.00   | 125.46          | 124.39       | 90.00           | 6783.89     | 32.28                     | 661.95                 | 412.11               | 2.65    |
| 15750.00  | 8980.05   | 15536.92 | 8980.00   | 126.00          | 124.93       | 90.00           | 6813.92     | 32.01                     | 661.78                 | 410.86               | 2.64    |
| 15780.00  | 8980.05   | 15566.96 | 8980.00   | 126.54          | 125.47       | 90.00           | 6843.96     | 31.73                     | 661.61                 | 409.60               | 2.63    |
| 15810.00  | 8980.05   | 15596.99 | 8980.00   | 127.08          | 126.01       | 90.00           | 6873.99     | 31.45                     | 661.44                 | 408.35               | 2.61    |
| 15840.00  | 8980.06   | 15627.03 | 8980.00   | 127.62          | 126.56       | 90.00           | 6904.03     | 31.17                     | 661.26                 | 407.09               | 2.60    |
| 15870.00  | 8980.06   | 15657.07 | 8980.00   | 128.16          | 127.10       | 90.00           | 6934.07     | 30.89                     | 661.08                 | 405.83               | 2.59    |
| 15900.00  | 8980.06   | 15687.11 | 8980.00   | 128.71          | 127.64       | 90.00           | 6964.10     | 30.61                     | 660.91                 | 404.57               | 2.58    |
| 15930.00  | 8980.06   | 15717.15 | 8980.00   | 129.25          | 128.18       | 90.00           | 6994.14     | 30.32                     | 660.72                 | 403.30               | 2.57    |
| 15960.00  | 8980.06   | 15747.18 | 8980.00   | 129.79          | 128.73       | 90.00           | 7024.18     | 30.04                     | 660.54                 | 402.03               | 2.56    |
| 15990.00  | 8980.06   | 15777.22 | 8980.00   | 130.33          | 129.27       | 90.00           | 7054.21     | 29.75                     | 660.36                 | 400.77               | 2.54    |
| 16020.00  | 8980.06   | 15807.26 | 8980.00   | 130.87          | 129.81       | 90.00           | 7084.25     | 29.46                     | 660.17                 | 399.50               | 2.53    |
| 16050.00  | 8980.06   | 15837.30 | 8980.00   | 131.41          | 130.35       | 90.00           | 7114.29     | 29.17                     | 659.98                 | 398.23               | 2.52    |
| 16080.00  | 8980.06   | 15867.33 | 8980.00   | 131.95          | 130.90       | 90.00           | 7144.32     | 28.87                     | 659.79                 | 396.95               | 2.51    |
| 16110.00  | 8980.06   | 15897.37 | 8980.00   | 132.49          | 131.44       | 90.00           | 7174.36     | 28.58                     | 659.60                 | 395.68               | 2.50    |
| 16140.00  | 8980.06   | 15927.41 | 8980.00   | 133.04          | 131.98       | 89.99           | 7204.40     | 28.28                     | 659.41                 | 394.40               | 2.49    |
| 16170.00  | 8980.06   | 15957.45 | 8980.00   | 133.58          | 132.52       | 89.99           | 7234.43     | 27.98                     | 659.21                 | 393.12               | 2.48    |
| 16200.00  | 8980.06   | 15987.48 | 8980.00   | 134.12          | 133.07       | 89.99           | 7264.47     | 27.68                     | 659.02                 | 391.84               | 2.47    |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:32:18 Page: 23  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #135H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #135H; Grid North  
Reference Well: Cotton Draw Unit #135H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H

Well: Cotton Draw Unit #136H

Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              | Offset Location |             |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|-----------------|-------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg   | North<br>ft | East<br>ft |                           |                        |                      |         |
| 16230.00  | 8980.06   | 16017.52 | 8980.00   | 134.66          | 133.61       | 89.99           | 7294.50     | 27.38      | 658.82                    | 390.56                 | 2.46                 |         |
| 16260.00  | 8980.06   | 16047.56 | 8980.00   | 135.20          | 134.15       | 89.99           | 7324.54     | 27.07      | 658.62                    | 389.27                 | 2.45                 |         |
| 16290.00  | 8980.06   | 16077.60 | 8980.00   | 135.74          | 134.70       | 89.99           | 7354.58     | 26.77      | 658.42                    | 387.98                 | 2.43                 |         |
| 16320.00  | 8980.06   | 16107.63 | 8980.00   | 136.28          | 135.24       | 89.99           | 7384.61     | 26.46      | 658.21                    | 386.70                 | 2.42                 |         |
| 16350.00  | 8980.06   | 16137.67 | 8980.00   | 136.83          | 135.78       | 89.99           | 7414.65     | 26.15      | 658.01                    | 385.41                 | 2.41                 |         |
| 16380.00  | 8980.06   | 16167.71 | 8980.00   | 137.37          | 136.33       | 89.99           | 7444.68     | 25.84      | 657.80                    | 384.11                 | 2.40                 |         |
| 16410.00  | 8980.06   | 16197.75 | 8980.00   | 137.91          | 136.87       | 89.99           | 7474.72     | 25.53      | 657.59                    | 382.82                 | 2.39                 |         |
| 16440.00  | 8980.06   | 16227.78 | 8980.00   | 138.45          | 137.41       | 89.99           | 7504.75     | 25.21      | 657.38                    | 381.52                 | 2.38                 |         |
| 16470.00  | 8980.06   | 16257.82 | 8980.00   | 138.99          | 137.96       | 89.99           | 7534.79     | 24.90      | 657.17                    | 380.23                 | 2.37                 |         |
| 16500.00  | 8980.06   | 16287.86 | 8980.00   | 139.54          | 138.50       | 89.99           | 7564.83     | 24.58      | 656.96                    | 378.93                 | 2.36                 |         |
| 16530.00  | 8980.06   | 16317.90 | 8980.00   | 140.08          | 139.04       | 89.99           | 7594.86     | 24.26      | 656.74                    | 377.63                 | 2.35                 |         |
| 16560.00  | 8980.06   | 16347.93 | 8980.00   | 140.62          | 139.59       | 89.99           | 7624.90     | 23.94      | 656.52                    | 376.32                 | 2.34                 |         |
| 16590.00  | 8980.06   | 16377.97 | 8980.00   | 141.16          | 140.13       | 89.99           | 7654.93     | 23.61      | 656.30                    | 375.02                 | 2.33                 |         |
| 16620.00  | 8980.06   | 16408.01 | 8980.00   | 141.70          | 140.67       | 89.99           | 7684.97     | 23.29      | 656.08                    | 373.71                 | 2.32                 |         |
| 16640.89  | 8980.00   | 16412.34 | 8980.00   | 142.08          | 140.75       | 90.00           | 7689.30     | 23.24      | 656.08                    | 373.25                 | 2.32                 |         |

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

GeoDec v5.03

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Report Date: November 01, 2010  
Job Number: \_\_\_\_\_  
Customer: Devon Energy  
Well Name: Cotton Draw Unit #135H  
API Number: \_\_\_\_\_  
Rig Name: \_\_\_\_\_  
Location: Eddy Co, NM  
Block: \_\_\_\_\_  
Engineer: R Joyner

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|                                              |                                             |
|----------------------------------------------|---------------------------------------------|
| 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 419734.160 USFT                  | Latitude 32.1525925 DEG                     |
| East/West 721236.800 USFT                    | Longitude -103.7520302 DEG                  |
| Grid Convergence: .31°                       |                                             |
| Total Correction: +7.41°                     |                                             |

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|                         |              |                       |
|-------------------------|--------------|-----------------------|
| Geodetic Location WGS84 | Elevation =  | 0.0 Meters            |
| Latitude =              | 32.15259° N  | 32° 9 min 9.333 sec   |
| Longitude =             | 103.75203° W | 103° 45 min 7.309 sec |

---

|                        |              |                              |
|------------------------|--------------|------------------------------|
| Magnetic Declination = | 7.72°        | [True North Offset]          |
| Local Gravity =        | .9988 g      | Checksum = 6466              |
| Local Field Strength = | 48616 nT     | Magnetic Vector X = 24016 nT |
| Magnetic Dip =         | 60.10°       | Magnetic Vector Y = 3254 nT  |
| Magnetic Model =       | IGRF-2010g11 | Magnetic Vector Z = 42145 nT |
| Spud Date =            | Jan 15, 2011 | Magnetic Vector H = 24235 nT |

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

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



**Weatherford®**

## **Drilling Services**

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## **Proposal**

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**devon**

**COTTON DRAW UNIT #136H**

**EDDY COUNTY, NM**

**WELL FILE: PLAN 1**

**NOVEMBER 1, 2010**

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**Weatherford International, Ltd.**

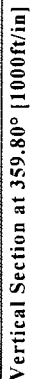
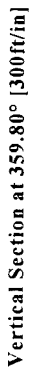
P.O. Box 61028

Midland, TX 79711 USA

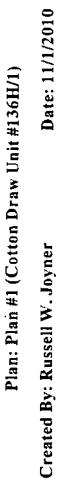
+1.432.561.8892 Main

+1.432.561.8895 Fax

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# Weatherford





# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|                                     |                                                                            |                       |                |
|-------------------------------------|----------------------------------------------------------------------------|-----------------------|----------------|
| <b>Company:</b> Devon Energy        | <b>Date:</b> 11/1/2010                                                     | <b>Time:</b> 12:20:59 | <b>Page:</b> 1 |
| <b>Field:</b> Eddy Co., NM (NAD 83) | <b>Co-ordinate(NE) Reference:</b> Well: Cotton Draw Unit #136H, Grid North |                       |                |
| <b>Site:</b> Cotton Draw Unit #136H | <b>Vertical (TVD) Reference:</b> SITE 3446.0                               |                       |                |
| <b>Well:</b> Cotton Draw Unit #136H | <b>Section (VS) Reference:</b> Well (0.00N,0.00E,359.80Azi)                |                       |                |
| <b>Wellpath:</b> 1                  | <b>Survey Calculation Method:</b> Minimum Curvature                        | <b>Db:</b> Sybase     |                |

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Plan:</b> Plan #1  | <b>Date Composed:</b> 10/29/2010 |
| <b>Principal:</b> Yes | <b>Version:</b> 1                |
|                       | <b>Tied-to:</b> From Surface     |

**Field:** 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        |

**Site:** Cotton Draw Unit #136H

|                                      |                               |                                   |
|--------------------------------------|-------------------------------|-----------------------------------|
| <b>Site Position:</b>                | <b>Northing:</b> 419733.72 ft | <b>Latitude:</b> 32 9 9.318 N     |
| <b>From:</b> Map                     | <b>Easting:</b> 721286.80 ft  | <b>Longitude:</b> 103 45 6.744 W  |
| <b>Position Uncertainty:</b> 0.00 ft |                               | <b>North Reference:</b> Grid      |
| <b>Ground Level:</b> 3421.00 ft      |                               | <b>Grid Convergence:</b> 0.31 deg |

|                                      |                               |                                  |
|--------------------------------------|-------------------------------|----------------------------------|
| <b>Well:</b> Cotton Draw Unit #136H  | <b>Slot Name:</b>             |                                  |
| <b>Well Position:</b> +N-S 0.00 ft   | <b>Northing:</b> 419733.72 ft | <b>Latitude:</b> 32 9 9.318 N    |
| +E-W 0.00 ft                         | <b>Easting:</b> 721286.80 ft  | <b>Longitude:</b> 103 45 6.744 W |
| <b>Position Uncertainty:</b> 0.00 ft |                               |                                  |

|                                           |                                           |             |                  |
|-------------------------------------------|-------------------------------------------|-------------|------------------|
| <b>Wellpath:</b> 1                        | <b>Drilled From:</b> Surface              |             |                  |
| <b>Current Datum:</b> SITE                | <b>Tie-on Depth:</b> 0.00 ft              |             |                  |
| <b>Magnetic Data:</b> 2/15/2011           | <b>Above System Datum:</b> Mean Sea Level |             |                  |
| <b>Field Strength:</b> 48612 nT           | <b>Declination:</b> 7.71 deg              |             |                  |
| <b>Vertical Section:</b> Depth From (TVD) | <b>Mag Dip Angle:</b> 60.10 deg           |             |                  |
| ft                                        | <b>+N-S</b>                               | <b>+E-W</b> | <b>Direction</b> |
|                                           | ft                                        | ft          | deg              |
| 0.00                                      | 0.00                                      | 0.00        | 359.80           |

### Plan Section Information

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N-S<br>ft | +E-W<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>deg | Target   |
|----------|-------------|-------------|-----------|------------|------------|------------------|--------------------|-------------------|------------|----------|
| 0.00     | 0.00        | 0.16        | 0.00      | 0.00       | 0.00       | 0.00             | 0.00               | 0.00              | 0.00       |          |
| 8380.02  | 0.00        | 0.16        | 8380.02   | 0.00       | 0.00       | 0.00             | 0.00               | 0.00              | 0.00       |          |
| 9322.47  | 90.00       | 0.16        | 8980.00   | 599.98     | 1.70       | 9.55             | 9.55               | 0.00              | 0.16       | Heat Tgt |
| 16412.34 | 90.00       | 359.38      | 8980.00   | 7689.74    | -26.76     | 0.01             | 0.00               | -0.01             | -90.00     | Pbhl     |

### 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  |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|----------|
| 8300.00  | 0.00        | 0.16        | 8300.00   | 0.00      | 0.00      | 0.00     | 0.00             | 419733.72  | 721286.80  | Kop      |
| 8380.02  | 0.00        | 0.16        | 8380.02   | 0.00      | 0.00      | 0.00     | 0.00             | 419733.72  | 721286.80  |          |
| 8400.00  | 1.91        | 0.16        | 8400.00   | 0.33      | 0.00      | 0.33     | 9.55             | 419734.05  | 721286.80  |          |
| 8500.00  | 11.46       | 0.16        | 8499.20   | 11.96     | 0.03      | 11.96    | 9.55             | 419745.68  | 721286.83  |          |
| 8600.00  | 21.01       | 0.16        | 8595.10   | 39.88     | 0.11      | 39.88    | 9.55             | 419773.60  | 721286.91  |          |
| 8700.00  | 30.56       | 0.16        | 8685.05   | 83.32     | 0.24      | 83.32    | 9.55             | 419817.04  | 721287.04  | Heat Tgt |
| 8800.00  | 40.11       | 0.16        | 8766.53   | 141.09    | 0.40      | 141.08   | 9.55             | 419874.81  | 721287.20  |          |
| 8900.00  | 49.66       | 0.16        | 8837.31   | 211.57    | 0.60      | 211.57   | 9.55             | 419945.29  | 721287.40  |          |
| 9000.00  | 59.21       | 0.16        | 8895.41   | 292.82    | 0.83      | 292.81   | 9.55             | 420026.54  | 721287.63  |          |
| 9100.00  | 68.76       | 0.16        | 8939.23   | 382.58    | 1.08      | 382.57   | 9.55             | 420116.30  | 721287.88  |          |
| 9200.00  | 78.30       | 0.16        | 8967.54   | 478.36    | 1.36      | 478.35   | 9.55             | 420212.08  | 721288.16  |          |
| 9300.00  | 87.85       | 0.16        | 8979.58   | 577.52    | 1.64      | 577.51   | 9.55             | 420311.24  | 721288.44  |          |
| 9322.47  | 90.00       | 0.16        | 8980.00   | 599.98    | 1.70      | 599.97   | 9.55             | 420333.70  | 721288.50  |          |
| 9400.00  | 90.00       | 0.15        | 8980.00   | 677.51    | 1.91      | 677.50   | 0.01             | 420411.23  | 721288.71  |          |
| 9500.00  | 90.00       | 0.14        | 8980.00   | 777.51    | 2.17      | 777.50   | 0.01             | 420511.23  | 721288.97  |          |
| 9600.00  | 90.00       | 0.13        | 8980.00   | 877.51    | 2.41      | 877.50   | 0.01             | 420611.23  | 721289.21  |          |
| 9700.00  | 90.00       | 0.12        | 8980.00   | 977.51    | 2.63      | 977.50   | 0.01             | 420711.23  | 721289.43  |          |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:20:59 Page: 2  
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Site: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Well: Cotton Draw Unit #136H Section (VS) Reference: Well (0.00N,0.00E,359.80Azi)  
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 |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|---------|
| 9800.00  | 90.00       | 0.11        | 8980.00   | 1077.51   | 2.83      | 1077.49  | 0.01             | 420811.23  | 721289.63  |         |
| 9900.00  | 90.00       | 0.10        | 8980.00   | 1177.51   | 3.01      | 1177.49  | 0.01             | 420911.23  | 721289.81  |         |
| 10000.00 | 90.00       | 0.09        | 8980.00   | 1277.51   | 3.18      | 1277.49  | 0.01             | 421011.23  | 721289.98  |         |
| 10100.00 | 90.00       | 0.08        | 8980.00   | 1377.51   | 3.32      | 1377.49  | 0.01             | 421111.23  | 721290.12  |         |
| 10200.00 | 90.00       | 0.07        | 8980.00   | 1477.51   | 3.44      | 1477.49  | 0.01             | 421211.23  | 721290.24  |         |
| 10300.00 | 90.00       | 0.05        | 8980.00   | 1577.51   | 3.55      | 1577.49  | 0.01             | 421311.23  | 721290.35  |         |
| 10400.00 | 90.00       | 0.04        | 8980.00   | 1677.51   | 3.63      | 1677.49  | 0.01             | 421411.23  | 721290.43  |         |
| 10500.00 | 90.00       | 0.03        | 8980.00   | 1777.51   | 3.70      | 1777.49  | 0.01             | 421511.23  | 721290.50  |         |
| 10600.00 | 90.00       | 0.02        | 8980.00   | 1877.51   | 3.74      | 1877.49  | 0.01             | 421611.23  | 721290.54  |         |
| 10700.00 | 90.00       | 0.01        | 8980.00   | 1977.51   | 3.77      | 1977.49  | 0.01             | 421711.23  | 721290.57  |         |
| 10800.00 | 90.00       | 360.00      | 8980.00   | 2077.51   | 3.78      | 2077.48  | 0.01             | 421811.23  | 721290.58  |         |
| 10900.00 | 90.00       | 359.99      | 8980.00   | 2177.51   | 3.77      | 2177.48  | 0.01             | 421911.23  | 721290.57  |         |
| 11000.00 | 90.00       | 359.98      | 8980.00   | 2277.51   | 3.74      | 2277.48  | 0.01             | 422011.23  | 721290.54  |         |
| 11100.00 | 90.00       | 359.97      | 8980.00   | 2377.51   | 3.68      | 2377.48  | 0.01             | 422111.23  | 721290.48  |         |
| 11200.00 | 90.00       | 359.95      | 8980.00   | 2477.51   | 3.62      | 2477.48  | 0.01             | 422211.23  | 721290.42  |         |
| 11300.00 | 90.00       | 359.94      | 8980.00   | 2577.51   | 3.53      | 2577.48  | 0.01             | 422311.23  | 721290.33  |         |
| 11400.00 | 90.00       | 359.93      | 8980.00   | 2677.51   | 3.42      | 2677.48  | 0.01             | 422411.23  | 721290.22  |         |
| 11500.00 | 90.00       | 359.92      | 8980.00   | 2777.51   | 3.29      | 2777.48  | 0.01             | 422511.23  | 721290.09  |         |
| 11600.00 | 90.00       | 359.91      | 8980.00   | 2877.51   | 3.14      | 2877.48  | 0.01             | 422611.23  | 721289.94  |         |
| 11700.00 | 90.00       | 359.90      | 8980.00   | 2977.51   | 2.98      | 2977.48  | 0.01             | 422711.23  | 721289.78  |         |
| 11800.00 | 90.00       | 359.89      | 8980.00   | 3077.51   | 2.79      | 3077.48  | 0.01             | 422811.23  | 721289.59  |         |
| 11900.00 | 90.00       | 359.88      | 8980.00   | 3177.51   | 2.59      | 3177.48  | 0.01             | 422911.23  | 721289.39  |         |
| 12000.00 | 90.00       | 359.87      | 8980.00   | 3277.51   | 2.36      | 3277.48  | 0.01             | 423011.23  | 721289.16  |         |
| 12100.00 | 90.00       | 359.85      | 8980.00   | 3377.51   | 2.12      | 3377.48  | 0.01             | 423111.23  | 721288.92  |         |
| 12200.00 | 90.00       | 359.84      | 8980.00   | 3477.51   | 1.86      | 3477.48  | 0.01             | 423211.23  | 721288.66  |         |
| 12300.00 | 90.00       | 359.83      | 8980.00   | 3577.51   | 1.57      | 3577.48  | 0.01             | 423311.23  | 721288.37  |         |
| 12400.00 | 90.00       | 359.82      | 8980.00   | 3677.51   | 1.27      | 3677.48  | 0.01             | 423411.23  | 721288.07  |         |
| 12500.00 | 90.00       | 359.81      | 8980.00   | 3777.51   | 0.95      | 3777.48  | 0.01             | 423511.23  | 721287.75  |         |
| 12600.00 | 90.00       | 359.80      | 8980.00   | 3877.51   | 0.61      | 3877.48  | 0.01             | 423611.23  | 721287.41  |         |
| 12700.00 | 90.00       | 359.79      | 8980.00   | 3977.51   | 0.25      | 3977.48  | 0.01             | 423711.23  | 721287.05  |         |
| 12800.00 | 90.00       | 359.78      | 8980.00   | 4077.51   | -0.13     | 4077.48  | 0.01             | 423811.23  | 721286.67  |         |
| 12900.00 | 90.00       | 359.77      | 8980.00   | 4177.50   | -0.52     | 4177.48  | 0.01             | 423911.22  | 721286.28  |         |
| 13000.00 | 90.00       | 359.76      | 8980.00   | 4277.50   | -0.94     | 4277.48  | 0.01             | 424011.22  | 721285.86  |         |
| 13100.00 | 90.00       | 359.74      | 8980.00   | 4377.50   | -1.38     | 4377.48  | 0.01             | 424111.22  | 721285.42  |         |
| 13200.00 | 90.00       | 359.73      | 8980.00   | 4477.50   | -1.83     | 4477.48  | 0.01             | 424211.22  | 721284.97  |         |
| 13300.00 | 90.00       | 359.72      | 8980.00   | 4577.50   | -2.31     | 4577.48  | 0.01             | 424311.22  | 721284.49  |         |
| 13400.00 | 90.00       | 359.71      | 8980.00   | 4677.50   | -2.80     | 4677.48  | 0.01             | 424411.22  | 721284.00  |         |
| 13500.00 | 90.00       | 359.70      | 8980.00   | 4777.50   | -3.32     | 4777.48  | 0.01             | 424511.22  | 721283.48  |         |
| 13600.00 | 90.00       | 359.69      | 8980.00   | 4877.50   | -3.85     | 4877.48  | 0.01             | 424611.22  | 721282.95  |         |
| 13700.00 | 90.00       | 359.68      | 8980.00   | 4977.49   | -4.40     | 4977.48  | 0.01             | 424711.21  | 721282.40  |         |
| 13800.00 | 90.00       | 359.67      | 8980.00   | 5077.49   | -4.98     | 5077.48  | 0.01             | 424811.21  | 721281.82  |         |
| 13900.00 | 90.00       | 359.66      | 8980.00   | 5177.49   | -5.57     | 5177.48  | 0.01             | 424911.21  | 721281.23  |         |
| 14000.00 | 90.00       | 359.64      | 8980.00   | 5277.49   | -6.18     | 5277.48  | 0.01             | 425011.21  | 721280.62  |         |
| 14100.00 | 90.00       | 359.63      | 8980.00   | 5377.49   | -6.81     | 5377.48  | 0.01             | 425111.21  | 721279.99  |         |
| 14200.00 | 90.00       | 359.62      | 8980.00   | 5477.49   | -7.46     | 5477.48  | 0.01             | 425211.21  | 721279.34  |         |
| 14300.00 | 90.00       | 359.61      | 8980.00   | 5577.48   | -8.13     | 5577.48  | 0.01             | 425311.20  | 721278.67  |         |
| 14400.00 | 90.00       | 359.60      | 8980.00   | 5677.48   | -8.81     | 5677.48  | 0.01             | 425411.20  | 721277.99  |         |
| 14500.00 | 90.00       | 359.59      | 8980.00   | 5777.48   | -9.52     | 5777.48  | 0.01             | 425511.20  | 721277.28  |         |
| 14600.00 | 90.00       | 359.58      | 8980.00   | 5877.48   | -10.25    | 5877.48  | 0.01             | 425611.20  | 721276.55  |         |
| 14700.00 | 90.00       | 359.57      | 8980.00   | 5977.47   | -10.99    | 5977.48  | 0.01             | 425711.19  | 721275.81  |         |
| 14800.00 | 90.00       | 359.56      | 8980.00   | 6077.47   | -11.76    | 6077.47  | 0.01             | 425811.19  | 721275.04  |         |
| 14900.00 | 90.00       | 359.55      | 8980.00   | 6177.47   | -12.54    | 6177.47  | 0.01             | 425911.19  | 721274.26  |         |
| 15000.00 | 90.00       | 359.53      | 8980.00   | 6277.46   | -13.35    | 6277.47  | 0.01             | 426011.18  | 721273.45  |         |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|           |                        |                            |                                          |       |          |        |   |
|-----------|------------------------|----------------------------|------------------------------------------|-------|----------|--------|---|
| Company:  | Devon Energy           | Date:                      | 11/1/2010                                | Time: | 12:20:59 | Page:  | 3 |
| Field:    | Eddy Co., NM (NAD 83)  | Co-ordinate(NE) Reference: | Well: Cotton Draw Unit #136H, Grid North |       |          |        |   |
| Site:     | Cotton Draw Unit #136H | Vertical (TVD) Reference:  | SITE 3446.0                              |       |          |        |   |
| Well:     | Cotton Draw Unit #136H | Section (VS) Reference:    | Well (0.00N,0.00E,359.80Azi)             |       |          |        |   |
| 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 |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|---------|
| 15100.00 | 90.00       | 359.52      | 8980.00   | 6377.46   | -14.17    | 6377.47  | 0.01             | 426111.18  | 721272.63  |         |
| 15200.00 | 90.00       | 359.51      | 8980.00   | 6477.46   | -15.01    | 6477.47  | 0.01             | 426211.18  | 721271.79  |         |
| 15300.00 | 90.00       | 359.50      | 8980.00   | 6577.45   | -15.87    | 6577.47  | 0.01             | 426311.17  | 721270.93  |         |
| 15400.00 | 90.00       | 359.49      | 8980.00   | 6677.45   | -16.75    | 6677.47  | 0.01             | 426411.17  | 721270.05  |         |
| 15500.00 | 90.00       | 359.48      | 8980.00   | 6777.45   | -17.65    | 6777.47  | 0.01             | 426511.17  | 721269.15  |         |
| 15600.00 | 90.00       | 359.47      | 8980.00   | 6877.44   | -18.57    | 6877.46  | 0.01             | 426611.16  | 721268.23  |         |
| 15700.00 | 90.00       | 359.46      | 8980.00   | 6977.44   | -19.51    | 6977.46  | 0.01             | 426711.16  | 721267.29  |         |
| 15800.00 | 90.00       | 359.45      | 8980.00   | 7077.43   | -20.47    | 7077.46  | 0.01             | 426811.15  | 721266.33  |         |
| 15900.00 | 90.00       | 359.43      | 8980.00   | 7177.43   | -21.45    | 7177.46  | 0.01             | 426911.15  | 721265.35  |         |
| 16000.00 | 90.00       | 359.42      | 8980.00   | 7277.42   | -22.45    | 7277.46  | 0.01             | 427011.14  | 721264.35  |         |
| 16100.00 | 90.00       | 359.41      | 8980.00   | 7377.42   | -23.46    | 7377.45  | 0.01             | 427111.14  | 721263.34  |         |
| 16200.00 | 90.00       | 359.40      | 8980.00   | 7477.41   | -24.50    | 7477.45  | 0.01             | 427211.13  | 721262.30  |         |
| 16300.00 | 90.00       | 359.39      | 8980.00   | 7577.41   | -25.55    | 7577.45  | 0.01             | 427311.13  | 721261.25  |         |
| 16400.00 | 90.00       | 359.38      | 8980.00   | 7677.40   | -26.63    | 7677.45  | 0.01             | 427411.12  | 721260.17  |         |
| 16412.34 | 90.00       | 359.38      | 8980.00   | 7689.74   | -26.76    | 7689.79  | 0.01             | 427423.46  | 721260.04  | 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   | 7689.74    | -26.76     | 427423.46             | 721260.04            | 32 10 25.414 N          | 103 45 6.572 W           |
| Heat Tgt |                     |      | 8980.00   | 599.98     | 1.70       | 420333.70             | 721288.50            | 32 9 15.255 N           | 103 45 6.687 W           |

### Casing Points

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

### Annotation

| MD<br>ft | TVD<br>ft |      |
|----------|-----------|------|
| 8380.02  | 8380.02   | Kop  |
| 9322.47  | 8980.00   | Lp   |
| 16412.34 | 8980.00   | Pbhl |

### Formations

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



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 1  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria  
Interpolation Method: MD Interval: 30.00 ft  
Depth Range: 0.00 to 16412.34 ft  
Maximum Radius: 10000.00 ft

Reference: Plan: Plan #1  
Error Model: ISCVSA Ellipse  
Scan Method: Closest Approach 3D  
Error Surface: Ellipse

Plan: Plan #1

Date Composed: 10/29/2010

Principal: Yes

Version: 1  
Tied-to: From Surface

### Summary

| Site                 | Offset Wellpath                           | Well | Wellpath | Reference MD ft | Offset MD ft | Ctr-Ctr Distance ft | Edge Distance ft | Separation Factor | Warning |
|----------------------|-------------------------------------------|------|----------|-----------------|--------------|---------------------|------------------|-------------------|---------|
| Cotton Draw Unit #13 | Cotton Draw Unit #131 V0 Plan: Plan #1 V1 |      |          | 8040.00         | 8038.93      | 50.16               | 14.31            | 1.40              | Level 3 |
| Cotton Draw Unit #13 | Cotton Draw Unit #131 V0 Plan: Plan #1 V1 |      |          | 8010.00         | 8008.40      | 50.03               | 14.32            | 1.40              | Level 3 |

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference MD ft | TVD ft  | Offset MD ft | TVD ft  | Semi-Major Axis Ref ft | Offset ft | TFO-HS deg | Offset Location North ft | East ft | Ctr-Ctr Distance ft | Edge Distance ft | Separation Factor | Warning |
|-----------------|---------|--------------|---------|------------------------|-----------|------------|--------------------------|---------|---------------------|------------------|-------------------|---------|
| 0.00            | 0.00    | 0.00         | 0.00    | 0.00                   | 0.00      | 270.50     | 0.44                     | -50.00  | 50.00               |                  |                   | No Data |
| 30.00           | 30.00   | 30.00        | 30.00   | 0.01                   | 0.03      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.97            | 1617.91           |         |
| 60.00           | 60.00   | 60.00        | 60.00   | 0.04                   | 0.05      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.91            | 556.16            |         |
| 90.00           | 90.00   | 90.00        | 90.00   | 0.07                   | 0.08      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.85            | 335.79            |         |
| 120.00          | 120.00  | 120.00       | 120.00  | 0.13                   | 0.13      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.74            | 193.45            |         |
| 150.00          | 150.00  | 150.00       | 150.00  | 0.20                   | 0.20      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.61            | 127.12            |         |
| 180.00          | 180.00  | 180.00       | 180.00  | 0.26                   | 0.26      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.47            | 94.66             |         |
| 210.00          | 210.00  | 210.00       | 210.00  | 0.33                   | 0.33      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.34            | 75.41             |         |
| 240.00          | 240.00  | 240.00       | 240.00  | 0.40                   | 0.40      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.20            | 62.67             |         |
| 270.00          | 270.00  | 270.00       | 270.00  | 0.47                   | 0.47      | 270.50     | 0.44                     | -50.00  | 50.00               | 49.07            | 53.61             |         |
| 300.00          | 300.00  | 300.00       | 300.00  | 0.53                   | 0.53      | 270.50     | 0.44                     | -50.00  | 50.00               | 48.93            | 46.83             |         |
| 330.00          | 330.00  | 330.00       | 330.00  | 0.60                   | 0.60      | 270.50     | 0.44                     | -50.00  | 50.00               | 48.80            | 41.58             |         |
| 360.00          | 360.00  | 360.00       | 360.00  | 0.67                   | 0.67      | 270.50     | 0.44                     | -50.00  | 50.00               | 48.66            | 37.39             |         |
| 390.00          | 390.00  | 390.00       | 390.00  | 0.74                   | 0.74      | 270.50     | 0.44                     | -50.00  | 50.00               | 48.53            | 33.96             |         |
| 420.00          | 420.00  | 420.00       | 420.00  | 0.80                   | 0.80      | 270.50     | 0.44                     | -50.00  | 50.00               | 48.39            | 31.11             |         |
| 450.00          | 450.00  | 450.00       | 450.00  | 0.87                   | 0.87      | 270.50     | 0.44                     | -50.00  | 50.00               | 48.26            | 28.70             |         |
| 480.00          | 480.00  | 480.00       | 480.00  | 0.94                   | 0.94      | 270.50     | 0.44                     | -50.00  | 50.00               | 48.13            | 26.64             |         |
| 510.00          | 510.00  | 510.00       | 510.00  | 1.01                   | 1.01      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.99            | 24.86             |         |
| 540.00          | 540.00  | 540.00       | 540.00  | 1.07                   | 1.07      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.86            | 23.29             |         |
| 570.00          | 570.00  | 570.00       | 570.00  | 1.14                   | 1.14      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.72            | 21.92             |         |
| 600.00          | 600.00  | 600.00       | 600.00  | 1.21                   | 1.21      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.59            | 20.69             |         |
| 630.00          | 630.00  | 630.00       | 630.00  | 1.28                   | 1.28      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.45            | 19.60             |         |
| 660.00          | 660.00  | 660.00       | 660.00  | 1.34                   | 1.34      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.32            | 18.62             |         |
| 690.00          | 690.00  | 690.00       | 690.00  | 1.41                   | 1.41      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.18            | 17.73             |         |
| 720.00          | 720.00  | 720.00       | 720.00  | 1.48                   | 1.48      | 270.50     | 0.44                     | -50.00  | 50.00               | 47.05            | 16.92             |         |
| 750.00          | 750.00  | 750.00       | 750.00  | 1.55                   | 1.55      | 270.50     | 0.44                     | -50.00  | 50.00               | 46.91            | 16.18             |         |
| 780.00          | 780.00  | 780.00       | 780.00  | 1.61                   | 1.61      | 270.50     | 0.44                     | -50.00  | 50.00               | 46.78            | 15.50             |         |
| 810.00          | 810.00  | 810.00       | 810.00  | 1.68                   | 1.68      | 270.50     | 0.44                     | -50.00  | 50.00               | 46.64            | 14.88             |         |
| 840.00          | 840.00  | 840.00       | 840.00  | 1.75                   | 1.75      | 270.50     | 0.44                     | -50.00  | 50.00               | 46.51            | 14.31             |         |
| 870.00          | 870.00  | 870.00       | 870.00  | 1.81                   | 1.81      | 270.50     | 0.44                     | -50.00  | 50.00               | 46.37            | 13.77             |         |
| 900.00          | 900.00  | 900.00       | 900.00  | 1.88                   | 1.88      | 270.50     | 0.44                     | -50.00  | 50.00               | 46.24            | 13.28             |         |
| 930.00          | 930.00  | 930.00       | 930.00  | 1.95                   | 1.95      | 270.50     | 0.44                     | -50.00  | 50.00               | 46.10            | 12.82             |         |
| 960.00          | 960.00  | 960.00       | 960.00  | 2.02                   | 2.02      | 270.50     | 0.44                     | -50.00  | 50.00               | 45.97            | 12.39             |         |
| 990.00          | 990.00  | 990.00       | 990.00  | 2.08                   | 2.08      | 270.50     | 0.44                     | -50.00  | 50.00               | 45.83            | 11.99             |         |
| 1020.00         | 1020.00 | 1020.00      | 1020.00 | 2.15                   | 2.15      | 270.50     | 0.44                     | -50.00  | 50.00               | 45.70            | 11.62             |         |
| 1050.00         | 1050.00 | 1050.00      | 1050.00 | 2.22                   | 2.22      | 270.50     | 0.44                     | -50.00  | 50.00               | 45.56            | 11.26             |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010  
Time: 12:19:33  
Page: 2

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 1080.00   | 1080.00   | 1080.00  | 1080.00   | 2.29            | 2.29         | 270.50        | 0.44            | -50.00     | 50.00                     | 45.43                  | 10.93                |         |
| 1110.00   | 1110.00   | 1110.00  | 1110.00   | 2.35            | 2.35         | 270.50        | 0.44            | -50.00     | 50.00                     | 45.29                  | 10.62                |         |
| 1140.00   | 1140.00   | 1140.00  | 1140.00   | 2.42            | 2.42         | 270.50        | 0.44            | -50.00     | 50.00                     | 45.16                  | 10.32                |         |
| 1170.00   | 1170.00   | 1170.00  | 1170.00   | 2.49            | 2.49         | 270.50        | 0.44            | -50.00     | 50.00                     | 45.02                  | 10.04                |         |
| 1200.00   | 1200.00   | 1200.00  | 1200.00   | 2.56            | 2.56         | 270.50        | 0.44            | -50.00     | 50.00                     | 44.89                  | 9.78                 |         |
| 1230.00   | 1230.00   | 1230.00  | 1230.00   | 2.62            | 2.62         | 270.50        | 0.44            | -50.00     | 50.00                     | 44.75                  | 9.53                 |         |
| 1260.00   | 1260.00   | 1260.00  | 1260.00   | 2.69            | 2.69         | 270.50        | 0.44            | -50.00     | 50.00                     | 44.62                  | 9.29                 |         |
| 1290.00   | 1290.00   | 1290.00  | 1290.00   | 2.76            | 2.76         | 270.50        | 0.44            | -50.00     | 50.00                     | 44.48                  | 9.06                 |         |
| 1320.00   | 1320.00   | 1320.00  | 1320.00   | 2.83            | 2.83         | 270.50        | 0.44            | -50.00     | 50.00                     | 44.35                  | 8.85                 |         |
| 1350.00   | 1350.00   | 1350.00  | 1350.00   | 2.89            | 2.89         | 270.50        | 0.44            | -50.00     | 50.00                     | 44.21                  | 8.64                 |         |
| 1380.00   | 1380.00   | 1380.00  | 1380.00   | 2.96            | 2.96         | 270.50        | 0.44            | -50.00     | 50.00                     | 44.08                  | 8.44                 |         |
| 1410.00   | 1410.00   | 1410.00  | 1410.00   | 3.03            | 3.03         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.94                  | 8.25                 |         |
| 1440.00   | 1440.00   | 1440.00  | 1440.00   | 3.10            | 3.10         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.81                  | 8.07                 |         |
| 1470.00   | 1470.00   | 1470.00  | 1470.00   | 3.16            | 3.16         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.67                  | 7.90                 |         |
| 1500.00   | 1500.00   | 1500.00  | 1500.00   | 3.23            | 3.23         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.54                  | 7.74                 |         |
| 1530.00   | 1530.00   | 1530.00  | 1530.00   | 3.30            | 3.30         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.41                  | 7.58                 |         |
| 1560.00   | 1560.00   | 1560.00  | 1560.00   | 3.37            | 3.37         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.27                  | 7.43                 |         |
| 1590.00   | 1590.00   | 1590.00  | 1590.00   | 3.43            | 3.43         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.14                  | 7.28                 |         |
| 1620.00   | 1620.00   | 1620.00  | 1620.00   | 3.50            | 3.50         | 270.50        | 0.44            | -50.00     | 50.00                     | 43.00                  | 7.14                 |         |
| 1650.00   | 1650.00   | 1650.00  | 1650.00   | 3.57            | 3.57         | 270.50        | 0.44            | -50.00     | 50.00                     | 42.87                  | 7.01                 |         |
| 1680.00   | 1680.00   | 1680.00  | 1680.00   | 3.64            | 3.64         | 270.50        | 0.44            | -50.00     | 50.00                     | 42.73                  | 6.88                 |         |
| 1710.00   | 1710.00   | 1710.00  | 1710.00   | 3.70            | 3.70         | 270.50        | 0.44            | -50.00     | 50.00                     | 42.60                  | 6.75                 |         |
| 1740.00   | 1740.00   | 1740.00  | 1740.00   | 3.77            | 3.77         | 270.50        | 0.44            | -50.00     | 50.00                     | 42.46                  | 6.63                 |         |
| 1770.00   | 1770.00   | 1770.00  | 1770.00   | 3.84            | 3.84         | 270.50        | 0.44            | -50.00     | 50.00                     | 42.33                  | 6.51                 |         |
| 1800.00   | 1800.00   | 1800.00  | 1800.00   | 3.91            | 3.91         | 270.50        | 0.44            | -50.00     | 50.00                     | 42.19                  | 6.40                 |         |
| 1830.00   | 1830.00   | 1830.00  | 1830.00   | 3.97            | 3.97         | 270.50        | 0.44            | -50.00     | 50.00                     | 42.06                  | 6.29                 |         |
| 1860.00   | 1860.00   | 1860.00  | 1860.00   | 4.04            | 4.04         | 270.50        | 0.44            | -50.00     | 50.00                     | 41.92                  | 6.19                 |         |
| 1890.00   | 1890.00   | 1890.00  | 1890.00   | 4.11            | 4.11         | 270.50        | 0.44            | -50.00     | 50.00                     | 41.79                  | 6.09                 |         |
| 1920.00   | 1920.00   | 1920.00  | 1920.00   | 4.18            | 4.18         | 270.50        | 0.44            | -50.00     | 50.00                     | 41.65                  | 5.99                 |         |
| 1950.00   | 1950.00   | 1950.00  | 1950.00   | 4.24            | 4.24         | 270.50        | 0.44            | -50.00     | 50.00                     | 41.52                  | 5.89                 |         |
| 1980.00   | 1980.00   | 1980.00  | 1980.00   | 4.31            | 4.31         | 270.50        | 0.44            | -50.00     | 50.00                     | 41.38                  | 5.80                 |         |
| 2010.00   | 2010.00   | 2010.00  | 2010.00   | 4.38            | 4.38         | 270.50        | 0.44            | -50.00     | 50.00                     | 41.25                  | 5.71                 |         |
| 2040.00   | 2040.00   | 2040.00  | 2040.00   | 4.44            | 4.44         | 270.50        | 0.44            | -50.00     | 50.00                     | 41.11                  | 5.62                 |         |
| 2070.00   | 2070.00   | 2070.00  | 2070.00   | 4.51            | 4.51         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.98                  | 5.54                 |         |
| 2100.00   | 2100.00   | 2100.00  | 2100.00   | 4.58            | 4.58         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.84                  | 5.46                 |         |
| 2130.00   | 2130.00   | 2130.00  | 2130.00   | 4.65            | 4.65         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.71                  | 5.38                 |         |
| 2160.00   | 2160.00   | 2160.00  | 2160.00   | 4.71            | 4.71         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.57                  | 5.30                 |         |
| 2190.00   | 2190.00   | 2190.00  | 2190.00   | 4.78            | 4.78         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.44                  | 5.23                 |         |
| 2220.00   | 2220.00   | 2220.00  | 2220.00   | 4.85            | 4.85         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.30                  | 5.16                 |         |
| 2250.00   | 2250.00   | 2250.00  | 2250.00   | 4.92            | 4.92         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.17                  | 5.08                 |         |
| 2280.00   | 2280.00   | 2280.00  | 2280.00   | 4.98            | 4.98         | 270.50        | 0.44            | -50.00     | 50.00                     | 40.03                  | 5.02                 |         |
| 2310.00   | 2310.00   | 2310.00  | 2310.00   | 5.05            | 5.05         | 270.50        | 0.44            | -50.00     | 50.00                     | 39.90                  | 4.95                 |         |
| 2340.00   | 2340.00   | 2340.00  | 2340.00   | 5.12            | 5.12         | 270.50        | 0.44            | -50.00     | 50.00                     | 39.76                  | 4.88                 |         |
| 2370.00   | 2370.00   | 2370.00  | 2370.00   | 5.19            | 5.19         | 270.50        | 0.44            | -50.00     | 50.00                     | 39.63                  | 4.82                 |         |
| 2400.00   | 2400.00   | 2400.00  | 2400.00   | 5.25            | 5.25         | 270.50        | 0.44            | -50.00     | 50.00                     | 39.49                  | 4.76                 |         |
| 2430.00   | 2430.00   | 2430.00  | 2430.00   | 5.32            | 5.32         | 270.50        | 0.44            | -50.00     | 50.00                     | 39.36                  | 4.70                 |         |
| 2460.00   | 2460.00   | 2460.00  | 2460.00   | 5.39            | 5.39         | 270.50        | 0.44            | -50.00     | 50.00                     | 39.22                  | 4.64                 |         |
| 2490.00   | 2490.00   | 2490.00  | 2490.00   | 5.46            | 5.46         | 270.50        | 0.44            | -50.00     | 50.00                     | 39.09                  | 4.58                 |         |
| 2520.00   | 2520.00   | 2520.00  | 2520.00   | 5.52            | 5.52         | 270.50        | 0.44            | -50.00     | 50.00                     | 38.95                  | 4.53                 |         |
| 2550.00   | 2550.00   | 2550.00  | 2550.00   | 5.59            | 5.59         | 270.50        | 0.44            | -50.00     | 50.00                     | 38.82                  | 4.47                 |         |
| 2580.00   | 2580.00   | 2580.00  | 2580.00   | 5.66            | 5.66         | 270.50        | 0.44            | -50.00     | 50.00                     | 38.68                  | 4.42                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 3  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |                | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|----------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-IIS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 2610.00   | 2610.00   | 2610.00  | 2610.00   | 5.73            | 5.73         | 270.50         | 0.44            | -50.00     | 50.00                     | 38.55                  | 4.37                 |         |
| 2640.00   | 2640.00   | 2640.00  | 2640.00   | 5.79            | 5.79         | 270.50         | 0.44            | -50.00     | 50.00                     | 38.42                  | 4.32                 |         |
| 2670.00   | 2670.00   | 2670.00  | 2670.00   | 5.86            | 5.86         | 270.50         | 0.44            | -50.00     | 50.00                     | 38.28                  | 4.27                 |         |
| 2700.00   | 2700.00   | 2700.00  | 2700.00   | 5.93            | 5.93         | 270.50         | 0.44            | -50.00     | 50.00                     | 38.15                  | 4.22                 |         |
| 2730.00   | 2730.00   | 2730.00  | 2730.00   | 6.00            | 6.00         | 270.50         | 0.44            | -50.00     | 50.00                     | 38.01                  | 4.17                 |         |
| 2760.00   | 2760.00   | 2760.00  | 2760.00   | 6.06            | 6.06         | 270.50         | 0.44            | -50.00     | 50.00                     | 37.88                  | 4.12                 |         |
| 2790.00   | 2790.00   | 2790.00  | 2790.00   | 6.13            | 6.13         | 270.50         | 0.44            | -50.00     | 50.00                     | 37.74                  | 4.08                 |         |
| 2820.00   | 2820.00   | 2820.00  | 2820.00   | 6.20            | 6.20         | 270.50         | 0.44            | -50.00     | 50.00                     | 37.61                  | 4.03                 |         |
| 2850.00   | 2850.00   | 2850.00  | 2850.00   | 6.27            | 6.27         | 270.50         | 0.44            | -50.00     | 50.00                     | 37.47                  | 3.99                 |         |
| 2880.00   | 2880.00   | 2880.00  | 2880.00   | 6.33            | 6.33         | 270.50         | 0.44            | -50.00     | 50.00                     | 37.34                  | 3.95                 |         |
| 2910.00   | 2910.00   | 2910.00  | 2910.00   | 6.40            | 6.40         | 270.50         | 0.44            | -50.00     | 50.00                     | 37.20                  | 3.91                 |         |
| 2940.00   | 2940.00   | 2940.00  | 2940.00   | 6.47            | 6.47         | 270.50         | 0.44            | -50.00     | 50.00                     | 37.07                  | 3.87                 |         |
| 2970.00   | 2970.00   | 2970.00  | 2970.00   | 6.54            | 6.54         | 270.50         | 0.44            | -50.00     | 50.00                     | 36.93                  | 3.83                 |         |
| 3000.00   | 3000.00   | 3000.00  | 3000.00   | 6.60            | 6.60         | 270.50         | 0.44            | -50.00     | 50.00                     | 36.80                  | 3.79                 |         |
| 3030.00   | 3030.00   | 3030.00  | 3030.00   | 6.67            | 6.67         | 270.50         | 0.44            | -50.00     | 50.00                     | 36.66                  | 3.75                 |         |
| 3060.00   | 3060.00   | 3060.00  | 3060.00   | 6.74            | 6.74         | 270.50         | 0.44            | -50.00     | 50.00                     | 36.53                  | 3.71                 |         |
| 3090.00   | 3090.00   | 3090.00  | 3090.00   | 6.80            | 6.80         | 270.50         | 0.44            | -50.00     | 50.00                     | 36.39                  | 3.67                 |         |
| 3120.00   | 3120.00   | 3120.00  | 3120.00   | 6.87            | 6.87         | 270.50         | 0.44            | -50.00     | 50.00                     | 36.26                  | 3.64                 |         |
| 3150.00   | 3150.00   | 3150.00  | 3150.00   | 6.94            | 6.94         | 270.50         | 0.44            | -50.00     | 50.00                     | 36.12                  | 3.60                 |         |
| 3180.00   | 3180.00   | 3180.00  | 3180.00   | 7.01            | 7.01         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.99                  | 3.57                 |         |
| 3210.00   | 3210.00   | 3210.00  | 3210.00   | 7.07            | 7.07         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.85                  | 3.53                 |         |
| 3240.00   | 3240.00   | 3240.00  | 3240.00   | 7.14            | 7.14         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.72                  | 3.50                 |         |
| 3270.00   | 3270.00   | 3270.00  | 3270.00   | 7.21            | 7.21         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.58                  | 3.47                 |         |
| 3300.00   | 3300.00   | 3300.00  | 3300.00   | 7.28            | 7.28         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.45                  | 3.44                 |         |
| 3330.00   | 3330.00   | 3330.00  | 3330.00   | 7.34            | 7.34         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.31                  | 3.40                 |         |
| 3360.00   | 3360.00   | 3360.00  | 3360.00   | 7.41            | 7.41         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.18                  | 3.37                 |         |
| 3390.00   | 3390.00   | 3390.00  | 3390.00   | 7.48            | 7.48         | 270.50         | 0.44            | -50.00     | 50.00                     | 35.04                  | 3.34                 |         |
| 3420.00   | 3420.00   | 3420.00  | 3420.00   | 7.55            | 7.55         | 270.50         | 0.44            | -50.00     | 50.00                     | 34.91                  | 3.31                 |         |
| 3450.00   | 3450.00   | 3450.00  | 3450.00   | 7.61            | 7.61         | 270.50         | 0.44            | -50.00     | 50.00                     | 34.77                  | 3.28                 |         |
| 3480.00   | 3480.00   | 3480.00  | 3480.00   | 7.68            | 7.68         | 270.50         | 0.44            | -50.00     | 50.00                     | 34.64                  | 3.25                 |         |
| 3510.00   | 3510.00   | 3510.00  | 3510.00   | 7.75            | 7.75         | 270.50         | 0.44            | -50.00     | 50.00                     | 34.50                  | 3.23                 |         |
| 3540.00   | 3540.00   | 3540.00  | 3540.00   | 7.82            | 7.82         | 270.50         | 0.44            | -50.00     | 50.00                     | 34.37                  | 3.20                 |         |
| 3570.00   | 3570.00   | 3570.00  | 3570.00   | 7.88            | 7.88         | 270.50         | 0.44            | -50.00     | 50.00                     | 34.23                  | 3.17                 |         |
| 3600.00   | 3600.00   | 3600.00  | 3600.00   | 7.95            | 7.95         | 270.50         | 0.44            | -50.00     | 50.00                     | 34.10                  | 3.14                 |         |
| 3630.00   | 3630.00   | 3630.00  | 3630.00   | 8.02            | 8.02         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.96                  | 3.12                 |         |
| 3660.00   | 3660.00   | 3660.00  | 3660.00   | 8.09            | 8.09         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.83                  | 3.09                 |         |
| 3690.00   | 3690.00   | 3690.00  | 3690.00   | 8.15            | 8.15         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.70                  | 3.07                 |         |
| 3720.00   | 3720.00   | 3720.00  | 3720.00   | 8.22            | 8.22         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.56                  | 3.04                 |         |
| 3750.00   | 3750.00   | 3750.00  | 3750.00   | 8.29            | 8.29         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.43                  | 3.02                 |         |
| 3780.00   | 3780.00   | 3780.00  | 3780.00   | 8.36            | 8.36         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.29                  | 2.99                 |         |
| 3810.00   | 3810.00   | 3810.00  | 3810.00   | 8.42            | 8.42         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.16                  | 2.97                 |         |
| 3840.00   | 3840.00   | 3840.00  | 3840.00   | 8.49            | 8.49         | 270.50         | 0.44            | -50.00     | 50.00                     | 33.02                  | 2.94                 |         |
| 3870.00   | 3870.00   | 3870.00  | 3870.00   | 8.56            | 8.56         | 270.50         | 0.44            | -50.00     | 50.00                     | 32.89                  | 2.92                 |         |
| 3900.00   | 3900.00   | 3900.00  | 3900.00   | 8.63            | 8.63         | 270.50         | 0.44            | -50.00     | 50.00                     | 32.75                  | 2.90                 |         |
| 3930.00   | 3930.00   | 3930.00  | 3930.00   | 8.69            | 8.69         | 270.50         | 0.44            | -50.00     | 50.00                     | 32.62                  | 2.88                 |         |
| 3960.00   | 3960.00   | 3960.00  | 3960.00   | 8.76            | 8.76         | 270.50         | 0.44            | -50.00     | 50.00                     | 32.48                  | 2.85                 |         |
| 3990.00   | 3990.00   | 3990.00  | 3990.00   | 8.83            | 8.83         | 270.50         | 0.44            | -50.00     | 50.00                     | 32.35                  | 2.83                 |         |
| 4020.00   | 4020.00   | 4020.00  | 4020.00   | 8.90            | 8.90         | 270.50         | 0.44            | -50.00     | 50.00                     | 32.21                  | 2.81                 |         |
| 4050.00   | 4050.00   | 4050.00  | 4050.00   | 8.96            | 8.96         | 270.50         | 0.44            | -50.00     | 50.00                     | 32.08                  | 2.79                 |         |
| 4080.00   | 4080.00   | 4080.00  | 4080.00   | 9.03            | 9.03         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.94                  | 2.77                 |         |
| 4110.00   | 4110.00   | 4110.00  | 4110.00   | 9.10            | 9.10         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.81                  | 2.75                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co.: NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010  
Time: 12:19:33  
Page: 4

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference<br>MD<br>ft | TVD<br>ft | Offset   |           | Semi-Major Axis |              |                | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------------------|-----------|----------|-----------|-----------------|--------------|----------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
|                       |           | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-IIS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 4140.00               | 4140.00   | 4140.00  | 4140.00   | 9.16            | 9.16         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.67                  | 2.73                 |         |
| 4170.00               | 4170.00   | 4170.00  | 4170.00   | 9.23            | 9.23         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.54                  | 2.71                 |         |
| 4200.00               | 4200.00   | 4200.00  | 4200.00   | 9.30            | 9.30         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.40                  | 2.69                 |         |
| 4230.00               | 4230.00   | 4230.00  | 4230.00   | 9.37            | 9.37         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.27                  | 2.67                 |         |
| 4260.00               | 4260.00   | 4260.00  | 4260.00   | 9.43            | 9.43         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.13                  | 2.65                 |         |
| 4290.00               | 4290.00   | 4290.00  | 4290.00   | 9.50            | 9.50         | 270.50         | 0.44            | -50.00     | 50.00                     | 31.00                  | 2.63                 |         |
| 4320.00               | 4320.00   | 4320.00  | 4320.00   | 9.57            | 9.57         | 270.50         | 0.44            | -50.00     | 50.00                     | 30.86                  | 2.61                 |         |
| 4350.00               | 4350.00   | 4350.00  | 4350.00   | 9.64            | 9.64         | 270.50         | 0.44            | -50.00     | 50.00                     | 30.73                  | 2.59                 |         |
| 4380.00               | 4380.00   | 4380.00  | 4380.00   | 9.70            | 9.70         | 270.50         | 0.44            | -50.00     | 50.00                     | 30.59                  | 2.58                 |         |
| 4410.00               | 4410.00   | 4410.00  | 4410.00   | 9.77            | 9.77         | 270.50         | 0.44            | -50.00     | 50.00                     | 30.46                  | 2.56                 |         |
| 4440.00               | 4440.00   | 4440.00  | 4440.00   | 9.84            | 9.84         | 270.50         | 0.44            | -50.00     | 50.00                     | 30.32                  | 2.54                 |         |
| 4470.00               | 4470.00   | 4470.00  | 4470.00   | 9.91            | 9.91         | 270.50         | 0.44            | -50.00     | 50.00                     | 30.19                  | 2.52                 |         |
| 4500.00               | 4500.00   | 4500.00  | 4500.00   | 9.97            | 9.97         | 270.50         | 0.44            | -50.00     | 50.00                     | 30.05                  | 2.51                 |         |
| 4530.00               | 4530.00   | 4530.00  | 4530.00   | 10.04           | 10.04        | 270.50         | 0.44            | -50.00     | 50.00                     | 29.92                  | 2.49                 |         |
| 4560.00               | 4560.00   | 4560.00  | 4560.00   | 10.11           | 10.11        | 270.50         | 0.44            | -50.00     | 50.00                     | 29.78                  | 2.47                 |         |
| 4590.00               | 4590.00   | 4590.00  | 4590.00   | 10.18           | 10.18        | 270.50         | 0.44            | -50.00     | 50.00                     | 29.65                  | 2.46                 |         |
| 4620.00               | 4620.00   | 4620.00  | 4620.00   | 10.24           | 10.24        | 270.50         | 0.44            | -50.00     | 50.00                     | 29.51                  | 2.44                 |         |
| 4650.00               | 4650.00   | 4650.00  | 4650.00   | 10.31           | 10.31        | 270.50         | 0.44            | -50.00     | 50.00                     | 29.38                  | 2.42                 |         |
| 4680.00               | 4680.00   | 4680.00  | 4680.00   | 10.38           | 10.38        | 270.50         | 0.44            | -50.00     | 50.00                     | 29.24                  | 2.41                 |         |
| 4710.00               | 4710.00   | 4710.00  | 4710.00   | 10.45           | 10.45        | 270.50         | 0.44            | -50.00     | 50.00                     | 29.11                  | 2.39                 |         |
| 4740.00               | 4740.00   | 4740.00  | 4740.00   | 10.51           | 10.51        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.98                  | 2.38                 |         |
| 4770.00               | 4770.00   | 4770.00  | 4770.00   | 10.58           | 10.58        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.84                  | 2.36                 |         |
| 4800.00               | 4800.00   | 4800.00  | 4800.00   | 10.65           | 10.65        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.71                  | 2.35                 |         |
| 4830.00               | 4830.00   | 4830.00  | 4830.00   | 10.72           | 10.72        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.57                  | 2.33                 |         |
| 4860.00               | 4860.00   | 4860.00  | 4860.00   | 10.78           | 10.78        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.44                  | 2.32                 |         |
| 4890.00               | 4890.00   | 4890.00  | 4890.00   | 10.85           | 10.85        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.30                  | 2.30                 |         |
| 4920.00               | 4920.00   | 4920.00  | 4920.00   | 10.92           | 10.92        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.17                  | 2.29                 |         |
| 4950.00               | 4950.00   | 4950.00  | 4950.00   | 10.99           | 10.99        | 270.50         | 0.44            | -50.00     | 50.00                     | 28.03                  | 2.28                 |         |
| 4980.00               | 4980.00   | 4980.00  | 4980.00   | 11.05           | 11.05        | 270.50         | 0.44            | -50.00     | 50.00                     | 27.90                  | 2.26                 |         |
| 5010.00               | 5010.00   | 5010.00  | 5010.00   | 11.12           | 11.12        | 270.50         | 0.44            | -50.00     | 50.00                     | 27.76                  | 2.25                 |         |
| 5040.00               | 5040.00   | 5040.00  | 5040.00   | 11.19           | 11.19        | 270.50         | 0.44            | -50.00     | 50.00                     | 27.63                  | 2.23                 |         |
| 5070.00               | 5070.00   | 5070.00  | 5070.00   | 11.26           | 11.26        | 270.50         | 0.44            | -50.00     | 50.00                     | 27.49                  | 2.22                 |         |
| 5100.00               | 5100.00   | 5100.00  | 5100.00   | 11.32           | 11.32        | 270.50         | 0.44            | -50.00     | 50.00                     | 27.36                  | 2.21                 |         |
| 5130.00               | 5130.00   | 5130.00  | 5130.00   | 11.39           | 11.39        | 270.50         | 0.44            | -50.00     | 50.00                     | 27.22                  | 2.19                 |         |
| 5160.00               | 5160.00   | 5160.00  | 5160.00   | 11.46           | 11.46        | 270.50         | 0.44            | -50.00     | 50.00                     | 27.09                  | 2.18                 |         |
| 5190.00               | 5190.00   | 5190.00  | 5190.00   | 11.52           | 11.52        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.95                  | 2.17                 |         |
| 5220.00               | 5220.00   | 5220.00  | 5220.00   | 11.59           | 11.59        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.82                  | 2.16                 |         |
| 5250.00               | 5250.00   | 5250.00  | 5250.00   | 11.66           | 11.66        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.68                  | 2.14                 |         |
| 5280.00               | 5280.00   | 5280.00  | 5280.00   | 11.73           | 11.73        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.55                  | 2.13                 |         |
| 5310.00               | 5310.00   | 5310.00  | 5310.00   | 11.79           | 11.79        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.41                  | 2.12                 |         |
| 5340.00               | 5340.00   | 5340.00  | 5340.00   | 11.86           | 11.86        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.28                  | 2.11                 |         |
| 5370.00               | 5370.00   | 5370.00  | 5370.00   | 11.93           | 11.93        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.14                  | 2.10                 |         |
| 5400.00               | 5400.00   | 5400.00  | 5400.00   | 12.00           | 12.00        | 270.50         | 0.44            | -50.00     | 50.00                     | 26.01                  | 2.08                 |         |
| 5430.00               | 5430.00   | 5430.00  | 5430.00   | 12.06           | 12.06        | 270.50         | 0.44            | -50.00     | 50.00                     | 25.87                  | 2.07                 |         |
| 5460.00               | 5460.00   | 5460.00  | 5460.00   | 12.13           | 12.13        | 270.50         | 0.44            | -50.00     | 50.00                     | 25.74                  | 2.06                 |         |
| 5490.00               | 5490.00   | 5490.00  | 5490.00   | 12.20           | 12.20        | 270.50         | 0.44            | -50.00     | 50.00                     | 25.60                  | 2.05                 |         |
| 5520.00               | 5520.00   | 5520.00  | 5520.00   | 12.27           | 12.27        | 270.50         | 0.44            | -50.00     | 50.00                     | 25.47                  | 2.04                 |         |
| 5550.00               | 5550.00   | 5550.00  | 5550.00   | 12.33           | 12.33        | 270.50         | 0.44            | -50.00     | 50.00                     | 25.33                  | 2.03                 |         |
| 5580.00               | 5580.00   | 5580.00  | 5580.00   | 12.40           | 12.40        | 270.50         | 0.44            | -50.00     | 50.00                     | 25.20                  | 2.02                 |         |
| 5610.00               | 5610.00   | 5610.00  | 5610.00   | 12.47           | 12.47        | 270.50         | 0.44            | -50.00     | 50.00                     | 25.06                  | 2.01                 |         |
| 5640.00               | 5640.00   | 5640.00  | 5640.00   | 12.54           | 12.54        | 270.50         | 0.44            | -50.00     | 50.00                     | 24.93                  | 1.99                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 5  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 5670.00   | 5670.00   | 5670.00  | 5670.00   | 12.60           | 12.60        | 270.50        | 0.44            | -50.00     | 50.00                     | 24.79                  | 1.98                 |         |
| 5700.00   | 5700.00   | 5700.00  | 5700.00   | 12.67           | 12.67        | 270.50        | 0.44            | -50.00     | 50.00                     | 24.66                  | 1.97                 |         |
| 5730.00   | 5730.00   | 5730.00  | 5730.00   | 12.74           | 12.74        | 270.50        | 0.44            | -50.00     | 50.00                     | 24.52                  | 1.96                 |         |
| 5760.00   | 5760.00   | 5760.00  | 5760.00   | 12.81           | 12.81        | 270.50        | 0.44            | -50.00     | 50.00                     | 24.39                  | 1.95                 |         |
| 5790.00   | 5790.00   | 5790.00  | 5790.00   | 12.87           | 12.87        | 270.50        | 0.44            | -50.00     | 50.00                     | 24.25                  | 1.94                 |         |
| 5820.00   | 5820.00   | 5820.00  | 5820.00   | 12.94           | 12.94        | 270.50        | 0.44            | -50.00     | 50.00                     | 24.12                  | 1.93                 |         |
| 5850.00   | 5850.00   | 5850.00  | 5850.00   | 13.01           | 13.01        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.99                  | 1.92                 |         |
| 5880.00   | 5880.00   | 5880.00  | 5880.00   | 13.08           | 13.08        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.85                  | 1.91                 |         |
| 5910.00   | 5910.00   | 5910.00  | 5910.00   | 13.14           | 13.14        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.72                  | 1.90                 |         |
| 5940.00   | 5940.00   | 5940.00  | 5940.00   | 13.21           | 13.21        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.58                  | 1.89                 |         |
| 5970.00   | 5970.00   | 5970.00  | 5970.00   | 13.28           | 13.28        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.45                  | 1.88                 |         |
| 6000.00   | 6000.00   | 6000.00  | 6000.00   | 13.35           | 13.35        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.31                  | 1.87                 |         |
| 6030.00   | 6030.00   | 6030.00  | 6030.00   | 13.41           | 13.41        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.18                  | 1.86                 |         |
| 6060.00   | 6060.00   | 6060.00  | 6060.00   | 13.48           | 13.48        | 270.50        | 0.44            | -50.00     | 50.00                     | 23.04                  | 1.85                 |         |
| 6090.00   | 6090.00   | 6090.00  | 6090.00   | 13.55           | 13.55        | 270.50        | 0.44            | -50.00     | 50.00                     | 22.91                  | 1.85                 |         |
| 6120.00   | 6120.00   | 6120.00  | 6120.00   | 13.62           | 13.62        | 270.50        | 0.44            | -50.00     | 50.00                     | 22.77                  | 1.84                 |         |
| 6150.00   | 6150.00   | 6150.00  | 6150.00   | 13.68           | 13.68        | 270.50        | 0.44            | -50.00     | 50.00                     | 22.64                  | 1.83                 |         |
| 6180.00   | 6180.00   | 6180.00  | 6180.00   | 13.75           | 13.75        | 270.50        | 0.44            | -50.00     | 50.00                     | 22.50                  | 1.82                 |         |
| 6210.00   | 6210.00   | 6210.00  | 6210.00   | 13.82           | 13.82        | 270.50        | 0.44            | -50.00     | 50.00                     | 22.37                  | 1.81                 |         |
| 6240.00   | 6240.00   | 6240.00  | 6240.00   | 13.88           | 13.88        | 270.50        | 0.44            | -50.00     | 50.00                     | 22.23                  | 1.80                 |         |
| 6270.00   | 6270.00   | 6270.00  | 6270.00   | 13.95           | 13.95        | 270.50        | 0.44            | -50.00     | 50.00                     | 22.10                  | 1.79                 |         |
| 6300.00   | 6300.00   | 6300.00  | 6300.00   | 14.02           | 14.02        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.96                  | 1.78                 |         |
| 6330.00   | 6330.00   | 6330.00  | 6330.00   | 14.09           | 14.09        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.83                  | 1.77                 |         |
| 6360.00   | 6360.00   | 6360.00  | 6360.00   | 14.15           | 14.15        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.69                  | 1.77                 |         |
| 6390.00   | 6390.00   | 6390.00  | 6390.00   | 14.22           | 14.22        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.56                  | 1.76                 |         |
| 6420.00   | 6420.00   | 6420.00  | 6420.00   | 14.29           | 14.29        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.42                  | 1.75                 |         |
| 6450.00   | 6450.00   | 6450.00  | 6450.00   | 14.36           | 14.36        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.29                  | 1.74                 |         |
| 6480.00   | 6480.00   | 6480.00  | 6480.00   | 14.42           | 14.42        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.15                  | 1.73                 |         |
| 6510.00   | 6510.00   | 6510.00  | 6510.00   | 14.49           | 14.49        | 270.50        | 0.44            | -50.00     | 50.00                     | 21.02                  | 1.73                 |         |
| 6540.00   | 6540.00   | 6540.00  | 6540.00   | 14.56           | 14.56        | 270.50        | 0.44            | -50.00     | 50.00                     | 20.88                  | 1.72                 |         |
| 6570.00   | 6570.00   | 6570.00  | 6570.00   | 14.63           | 14.63        | 270.50        | 0.44            | -50.00     | 50.00                     | 20.75                  | 1.71                 |         |
| 6600.00   | 6600.00   | 6600.00  | 6600.00   | 14.69           | 14.69        | 270.50        | 0.44            | -50.00     | 50.00                     | 20.61                  | 1.70                 |         |
| 6630.00   | 6630.00   | 6630.00  | 6630.00   | 14.76           | 14.76        | 270.50        | 0.44            | -50.00     | 50.00                     | 20.48                  | 1.69                 |         |
| 6660.00   | 6660.00   | 6660.00  | 6660.00   | 14.83           | 14.83        | 270.50        | 0.44            | -50.00     | 50.00                     | 20.34                  | 1.69                 |         |
| 6690.00   | 6690.00   | 6690.00  | 6690.00   | 14.90           | 14.90        | 270.50        | 0.44            | -50.00     | 50.00                     | 20.21                  | 1.68                 |         |
| 6720.00   | 6720.00   | 6720.00  | 6720.00   | 14.96           | 14.96        | 270.50        | 0.44            | -50.00     | 50.00                     | 20.07                  | 1.67                 |         |
| 6750.00   | 6750.00   | 6750.00  | 6750.00   | 15.03           | 15.03        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.94                  | 1.66                 |         |
| 6780.00   | 6780.00   | 6780.00  | 6780.00   | 15.10           | 15.10        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.80                  | 1.66                 |         |
| 6810.00   | 6810.00   | 6810.00  | 6810.00   | 15.17           | 15.17        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.67                  | 1.65                 |         |
| 6840.00   | 6840.00   | 6840.00  | 6840.00   | 15.23           | 15.23        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.53                  | 1.64                 |         |
| 6870.00   | 6870.00   | 6870.00  | 6870.00   | 15.30           | 15.30        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.40                  | 1.63                 |         |
| 6900.00   | 6900.00   | 6900.00  | 6900.00   | 15.37           | 15.37        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.27                  | 1.63                 |         |
| 6930.00   | 6930.00   | 6930.00  | 6930.00   | 15.44           | 15.44        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.13                  | 1.62                 |         |
| 6960.00   | 6960.00   | 6960.00  | 6960.00   | 15.50           | 15.50        | 270.50        | 0.44            | -50.00     | 50.00                     | 19.00                  | 1.61                 |         |
| 6990.00   | 6990.00   | 6990.00  | 6990.00   | 15.57           | 15.57        | 270.50        | 0.44            | -50.00     | 50.00                     | 18.86                  | 1.61                 |         |
| 7020.00   | 7020.00   | 7020.00  | 7020.00   | 15.64           | 15.64        | 270.50        | 0.44            | -50.00     | 50.00                     | 18.73                  | 1.60                 |         |
| 7050.00   | 7050.00   | 7050.00  | 7050.00   | 15.71           | 15.71        | 270.50        | 0.44            | -50.00     | 50.00                     | 18.59                  | 1.59                 |         |
| 7080.00   | 7080.00   | 7080.00  | 7080.00   | 15.77           | 15.77        | 270.50        | 0.44            | -50.00     | 50.00                     | 18.46                  | 1.59                 |         |
| 7110.00   | 7110.00   | 7110.00  | 7110.00   | 15.84           | 15.84        | 270.50        | 0.44            | -50.00     | 50.00                     | 18.32                  | 1.58                 |         |
| 7140.00   | 7140.00   | 7140.00  | 7140.00   | 15.91           | 15.91        | 270.50        | 0.44            | -50.00     | 50.00                     | 18.19                  | 1.57                 |         |
| 7170.00   | 7170.00   | 7170.00  | 7170.00   | 15.98           | 15.98        | 270.50        | 0.44            | -50.00     | 50.00                     | 18.05                  | 1.56                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 6  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 7200.00   | 7200.00   | 7200.00  | 7200.00   | 16.04           | 16.04        | 270.50        | 0.44            | -50.00     | 50.00                     | 17.92                  | 1.56                 |         |
| 7230.00   | 7230.00   | 7230.00  | 7230.00   | 16.11           | 16.11        | 270.50        | 0.44            | -50.00     | 50.00                     | 17.78                  | 1.55                 |         |
| 7260.00   | 7260.00   | 7260.00  | 7260.00   | 16.18           | 16.18        | 270.50        | 0.44            | -50.00     | 50.00                     | 17.65                  | 1.55                 |         |
| 7290.00   | 7290.00   | 7290.00  | 7290.00   | 16.24           | 16.24        | 270.50        | 0.44            | -50.00     | 50.00                     | 17.51                  | 1.54                 |         |
| 7320.00   | 7320.00   | 7320.00  | 7320.00   | 16.31           | 16.31        | 270.50        | 0.44            | -50.00     | 50.00                     | 17.38                  | 1.53                 |         |
| 7350.00   | 7350.00   | 7350.00  | 7350.00   | 16.38           | 16.38        | 270.50        | 0.44            | -50.00     | 50.00                     | 17.24                  | 1.53                 |         |
| 7380.00   | 7380.00   | 7380.00  | 7380.00   | 16.45           | 16.45        | 270.50        | 0.44            | -50.00     | 50.00                     | 17.11                  | 1.52                 |         |
| 7410.00   | 7410.00   | 7410.00  | 7410.00   | 16.51           | 16.51        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.97                  | 1.51                 |         |
| 7440.00   | 7440.00   | 7440.00  | 7440.00   | 16.58           | 16.58        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.84                  | 1.51                 |         |
| 7470.00   | 7470.00   | 7470.00  | 7470.00   | 16.65           | 16.65        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.70                  | 1.50                 |         |
| 7500.00   | 7500.00   | 7500.00  | 7500.00   | 16.72           | 16.72        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.57                  | 1.50                 | Level 3 |
| 7530.00   | 7530.00   | 7530.00  | 7530.00   | 16.78           | 16.78        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.43                  | 1.49                 | Level 3 |
| 7560.00   | 7560.00   | 7560.00  | 7560.00   | 16.85           | 16.85        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.30                  | 1.48                 | Level 3 |
| 7590.00   | 7590.00   | 7590.00  | 7590.00   | 16.92           | 16.92        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.16                  | 1.48                 | Level 3 |
| 7620.00   | 7620.00   | 7620.00  | 7620.00   | 16.99           | 16.99        | 270.50        | 0.44            | -50.00     | 50.00                     | 16.03                  | 1.47                 | Level 3 |
| 7650.00   | 7650.00   | 7650.00  | 7650.00   | 17.05           | 17.05        | 270.50        | 0.44            | -50.00     | 50.00                     | 15.89                  | 1.47                 | Level 3 |
| 7680.00   | 7680.00   | 7680.00  | 7680.00   | 17.12           | 17.12        | 270.50        | 0.44            | -50.00     | 50.00                     | 15.76                  | 1.46                 | Level 3 |
| 7710.00   | 7710.00   | 7710.00  | 7710.00   | 17.19           | 17.19        | 270.50        | 0.44            | -50.00     | 50.00                     | 15.62                  | 1.45                 | Level 3 |
| 7740.00   | 7740.00   | 7740.00  | 7740.00   | 17.26           | 17.26        | 270.50        | 0.44            | -50.00     | 50.00                     | 15.49                  | 1.45                 | Level 3 |
| 7770.00   | 7770.00   | 7770.00  | 7770.00   | 17.32           | 17.32        | 270.50        | 0.44            | -50.00     | 50.00                     | 15.35                  | 1.44                 | Level 3 |
| 7800.00   | 7800.00   | 7800.00  | 7800.00   | 17.39           | 17.39        | 270.50        | 0.44            | -50.00     | 50.00                     | 15.22                  | 1.44                 | Level 3 |
| 7830.00   | 7830.00   | 7830.00  | 7830.00   | 17.46           | 17.46        | 270.50        | 0.44            | -50.00     | 50.00                     | 15.08                  | 1.43                 | Level 3 |
| 7860.00   | 7860.00   | 7860.00  | 7860.00   | 17.53           | 17.53        | 270.50        | 0.44            | -50.00     | 50.00                     | 14.95                  | 1.43                 | Level 3 |
| 7890.00   | 7890.00   | 7890.00  | 7890.00   | 17.59           | 17.59        | 270.50        | 0.44            | -50.00     | 50.00                     | 14.81                  | 1.42                 | Level 3 |
| 7920.00   | 7920.00   | 7920.00  | 7920.00   | 17.66           | 17.66        | 270.50        | 0.44            | -50.00     | 50.00                     | 14.68                  | 1.42                 | Level 3 |
| 7950.00   | 7950.00   | 7950.00  | 7950.00   | 17.73           | 17.73        | 270.50        | 0.44            | -50.00     | 50.00                     | 14.55                  | 1.41                 | Level 3 |
| 7980.00   | 7980.00   | 7980.00  | 7980.00   | 17.80           | 17.80        | 270.50        | 0.44            | -50.00     | 50.00                     | 14.41                  | 1.40                 | Level 3 |
| 8010.00   | 8010.00   | 8010.00  | 8010.00   | 17.86           | 17.86        | 270.50        | 0.44            | -50.00     | 50.00                     | 14.28                  | 1.40                 | Level 3 |
| 8040.00   | 8040.00   | 8038.93  | 8038.93   | 17.93           | 17.93        | 270.47        | 0.41            | -50.15     | 50.16                     | 14.31                  | 1.40                 | Level 3 |
| 8070.00   | 8070.00   | 8066.72  | 8066.70   | 18.00           | 17.98        | 270.23        | 0.20            | -51.34     | 51.44                     | 15.50                  | 1.43                 | Level 3 |
| 8100.00   | 8100.00   | 8094.36  | 8094.22   | 18.07           | 18.03        | 269.77        | -0.22           | -53.70     | 54.01                     | 17.99                  | 1.50                 | Level 3 |
| 8130.00   | 8130.00   | 8121.74  | 8121.36   | 18.13           | 18.09        | 269.16        | -0.84           | -57.20     | 57.86                     | 21.79                  | 1.60                 |         |
| 8160.00   | 8160.00   | 8148.76  | 8147.98   | 18.20           | 18.14        | 268.47        | -1.65           | -61.78     | 62.96                     | 26.86                  | 1.74                 |         |
| 8190.00   | 8190.00   | 8175.33  | 8173.94   | 18.27           | 18.20        | 267.75        | -2.64           | -67.37     | 69.30                     | 33.21                  | 1.92                 |         |
| 8220.00   | 8220.00   | 8201.39  | 8199.14   | 18.34           | 18.25        | 267.06        | -3.80           | -73.87     | 76.85                     | 40.77                  | 2.13                 |         |
| 8250.00   | 8250.00   | 8226.85  | 8223.49   | 18.40           | 18.30        | 266.40        | -5.10           | -81.20     | 85.57                     | 49.53                  | 2.37                 |         |
| 8280.00   | 8280.00   | 8251.66  | 8246.91   | 18.47           | 18.36        | 265.81        | -6.53           | -89.27     | 95.43                     | 59.42                  | 2.65                 |         |
| 8310.00   | 8310.00   | 8275.77  | 8269.35   | 18.54           | 18.41        | 265.29        | -8.08           | -97.96     | 106.36                    | 70.43                  | 2.96                 |         |
| 8340.00   | 8340.00   | 8299.15  | 8290.77   | 18.61           | 18.47        | 264.82        | -9.72           | -107.17    | 118.34                    | 82.48                  | 3.30                 |         |
| 8370.00   | 8370.00   | 8321.77  | 8311.15   | 18.67           | 18.52        | 264.41        | -11.43          | -116.82    | 131.31                    | 95.54                  | 3.67                 |         |
| 8400.00   | 8400.00   | 8343.58  | 8330.46   | 18.74           | 18.58        | 264.78        | -13.20          | -126.80    | 145.24                    | 109.56                 | 4.07                 |         |
| 8430.00   | 8429.94   | 8364.46  | 8348.62   | 18.81           | 18.64        | 265.55        | -15.01          | -136.95    | 160.20                    | 124.62                 | 4.50                 |         |
| 8460.00   | 8459.76   | 8384.36  | 8365.59   | 18.87           | 18.70        | 266.17        | -16.82          | -147.17    | 176.13                    | 140.65                 | 4.96                 |         |
| 8490.00   | 8489.39   | 8403.22  | 8381.38   | 18.94           | 18.75        | 266.74        | -18.63          | -157.33    | 193.00                    | 157.62                 | 5.45                 |         |
| 8520.00   | 8518.73   | 8421.03  | 8396.00   | 19.00           | 18.81        | 267.35        | -20.41          | -167.35    | 210.78                    | 175.50                 | 5.97                 |         |
| 8550.00   | 8547.74   | 8437.79  | 8409.49   | 19.06           | 18.87        | 268.04        | -22.14          | -177.14    | 229.42                    | 194.22                 | 6.52                 |         |
| 8580.00   | 8576.32   | 8453.49  | 8421.89   | 19.13           | 18.93        | 268.87        | -23.83          | -186.62    | 248.88                    | 213.75                 | 7.08                 |         |
| 8610.00   | 8604.41   | 8468.15  | 8433.25   | 19.19           | 18.98        | 269.86        | -25.45          | -195.74    | 269.11                    | 234.03                 | 7.67                 |         |
| 8640.00   | 8631.94   | 8486.04  | 8446.88   | 19.26           | 19.05        | 270.55        | -27.39          | -207.17    | 289.99                    | 254.83                 | 8.25                 |         |
| 8670.00   | 8658.84   | 8508.68  | 8464.15   | 19.33           | 19.15        | 270.83        | -29.18          | -221.70    | 311.01                    | 275.63                 | 8.79                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 7  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(N/E) Reference: Well: Cotton Draw Unit #136H, Grid: North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference<br>MD<br>ft | TVD<br>ft | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------------------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
|                       |           | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 8700.00               | 8685.05   | 8531.87  | 8481.87   | 19.40           | 19.25        | 271.20        | -30.19          | -236.62    | 332.06                    | 296.43                 | 9.32                 |         |
| 8730.00               | 8710.49   | 8555.73  | 8500.12   | 19.47           | 19.35        | 271.62        | -30.34          | -251.99    | 353.10                    | 317.18                 | 9.83                 |         |
| 8760.00               | 8735.10   | 8580.36  | 8518.94   | 19.55           | 19.45        | 272.07        | -29.56          | -267.84    | 374.08                    | 337.87                 | 10.33                |         |
| 8790.00               | 8758.83   | 8605.89  | 8538.42   | 19.63           | 19.57        | 272.53        | -27.75          | -284.25    | 394.96                    | 358.43                 | 10.81                |         |
| 8820.00               | 8781.61   | 8632.49  | 8558.63   | 19.72           | 19.68        | 272.97        | -24.78          | -301.28    | 415.69                    | 378.83                 | 11.28                |         |
| 8850.00               | 8803.39   | 8660.33  | 8579.66   | 19.81           | 19.80        | 273.38        | -20.49          | -319.01    | 436.23                    | 399.01                 | 11.72                |         |
| 8880.00               | 8824.11   | 8689.62  | 8601.61   | 19.91           | 19.93        | 273.73        | -14.68          | -337.51    | 456.52                    | 418.92                 | 12.14                |         |
| 8910.00               | 8843.72   | 8720.60  | 8624.57   | 20.02           | 20.06        | 274.02        | -7.11           | -356.87    | 476.51                    | 438.51                 | 12.54                |         |
| 8940.00               | 8862.17   | 8753.55  | 8648.65   | 20.14           | 20.19        | 274.23        | 2.54            | -377.18    | 496.13                    | 457.71                 | 12.91                |         |
| 8970.00               | 8879.41   | 8788.80  | 8673.95   | 20.27           | 20.34        | 274.34        | 14.65           | -398.53    | 515.32                    | 476.44                 | 13.26                |         |
| 9000.00               | 8895.41   | 8826.74  | 8700.56   | 20.40           | 20.49        | 274.35        | 29.71           | -420.99    | 533.97                    | 494.62                 | 13.57                |         |
| 9030.00               | 8910.12   | 8867.81  | 8728.53   | 20.56           | 20.66        | 274.25        | 48.32           | -444.61    | 552.00                    | 512.13                 | 13.85                |         |
| 9060.00               | 8923.50   | 8912.52  | 8757.86   | 20.71           | 20.84        | 274.04        | 71.21           | -469.39    | 569.29                    | 528.88                 | 14.09                |         |
| 9090.00               | 8935.52   | 8961.43  | 8788.44   | 20.88           | 21.03        | 273.71        | 99.26           | -495.24    | 585.69                    | 544.71                 | 14.29                |         |
| 9120.00               | 8946.16   | 9015.13  | 8820.00   | 21.06           | 21.25        | 273.27        | 133.50          | -521.94    | 601.04                    | 559.46                 | 14.45                |         |
| 9150.00               | 8955.38   | 9074.21  | 8852.04   | 21.25           | 21.49        | 272.75        | 175.05          | -549.06    | 615.16                    | 572.95                 | 14.57                |         |
| 9180.00               | 8963.16   | 9139.19  | 8883.69   | 21.46           | 21.76        | 272.17        | 225.02          | -575.89    | 627.80                    | 584.94                 | 14.65                |         |
| 9210.00               | 8969.49   | 9210.37  | 8913.69   | 21.67           | 22.05        | 271.57        | 284.29          | -601.35    | 638.73                    | 595.21                 | 14.68                |         |
| 9240.00               | 8974.34   | 9287.72  | 8940.32   | 21.89           | 22.36        | 271.00        | 353.23          | -624.02    | 647.66                    | 603.50                 | 14.67                |         |
| 9270.00               | 8977.71   | 9370.65  | 8961.54   | 22.12           | 22.68        | 270.52        | 431.26          | -642.16    | 654.33                    | 609.55                 | 14.61                |         |
| 9300.00               | 8979.58   | 9457.94  | 8975.30   | 22.36           | 23.00        | 270.17        | 516.57          | -654.04    | 658.51                    | 613.15                 | 14.52                |         |
| 9330.00               | 8980.00   | 9546.90  | 8980.00   | 22.61           | 23.30        | 270.00        | 605.23          | -658.30    | 660.03                    | 614.14                 | 14.38                |         |
| 9360.00               | 8980.00   | 9576.90  | 8980.00   | 22.87           | 23.58        | 270.00        | 635.23          | -658.41    | 660.21                    | 613.80                 | 14.22                |         |
| 9390.00               | 8980.00   | 9606.90  | 8980.00   | 23.12           | 23.86        | 270.00        | 665.23          | -658.51    | 660.40                    | 613.45                 | 14.06                |         |
| 9420.00               | 8980.00   | 9636.90  | 8980.00   | 23.39           | 24.15        | 270.00        | 695.23          | -658.61    | 660.58                    | 613.07                 | 13.90                |         |
| 9450.00               | 8980.00   | 9666.90  | 8980.00   | 23.67           | 24.44        | 270.00        | 725.23          | -658.72    | 660.77                    | 612.68                 | 13.74                |         |
| 9480.00               | 8980.00   | 9696.90  | 8980.00   | 23.95           | 24.73        | 270.00        | 755.23          | -658.82    | 660.95                    | 612.29                 | 13.58                |         |
| 9510.00               | 8980.00   | 9726.90  | 8980.00   | 24.24           | 25.05        | 270.00        | 785.23          | -658.92    | 661.13                    | 611.86                 | 13.42                |         |
| 9540.00               | 8980.00   | 9756.90  | 8980.00   | 24.55           | 25.37        | 270.00        | 815.23          | -659.03    | 661.30                    | 611.41                 | 13.26                |         |
| 9570.00               | 8980.00   | 9786.90  | 8980.00   | 24.86           | 25.69        | 270.00        | 845.22          | -659.13    | 661.48                    | 610.96                 | 13.09                |         |
| 9600.00               | 8980.00   | 9816.90  | 8980.00   | 25.17           | 26.02        | 270.00        | 875.22          | -659.23    | 661.65                    | 610.49                 | 12.93                |         |
| 9630.00               | 8980.00   | 9846.90  | 8980.00   | 25.50           | 26.37        | 270.00        | 905.22          | -659.34    | 661.82                    | 609.99                 | 12.77                |         |
| 9660.00               | 8980.00   | 9876.89  | 8980.00   | 25.84           | 26.71        | 270.00        | 935.22          | -659.44    | 661.99                    | 609.48                 | 12.61                |         |
| 9690.00               | 8980.00   | 9906.89  | 8980.00   | 26.17           | 27.06        | 270.00        | 965.22          | -659.55    | 662.16                    | 608.96                 | 12.45                |         |
| 9720.00               | 8980.00   | 9936.89  | 8980.00   | 26.52           | 27.42        | 270.00        | 995.22          | -659.65    | 662.33                    | 608.42                 | 12.29                |         |
| 9750.00               | 8980.00   | 9966.89  | 8980.00   | 26.88           | 27.79        | 270.00        | 1025.22         | -659.75    | 662.49                    | 607.86                 | 12.13                |         |
| 9780.00               | 8980.00   | 9996.89  | 8980.00   | 27.23           | 28.15        | 270.00        | 1055.22         | -659.86    | 662.66                    | 607.30                 | 11.97                |         |
| 9810.00               | 8980.00   | 10026.89 | 8980.00   | 27.60           | 28.53        | 270.00        | 1085.22         | -659.96    | 662.82                    | 606.71                 | 11.81                |         |
| 9840.00               | 8980.00   | 10056.89 | 8980.00   | 27.98           | 28.92        | 270.00        | 1115.22         | -660.06    | 662.98                    | 606.11                 | 11.66                |         |
| 9870.00               | 8980.00   | 10086.89 | 8980.00   | 28.35           | 29.30        | 270.00        | 1145.22         | -660.17    | 663.13                    | 605.51                 | 11.51                |         |
| 9900.00               | 8980.00   | 10116.89 | 8980.00   | 28.73           | 29.70        | 270.00        | 1175.22         | -660.27    | 663.29                    | 604.89                 | 11.36                |         |
| 9930.00               | 8980.00   | 10146.89 | 8980.01   | 29.13           | 30.10        | 270.00        | 1205.22         | -660.38    | 663.44                    | 604.25                 | 11.21                |         |
| 9960.00               | 8980.00   | 10176.89 | 8980.01   | 29.52           | 30.50        | 270.00        | 1235.22         | -660.48    | 663.60                    | 603.61                 | 11.06                |         |
| 9990.00               | 8980.00   | 10206.89 | 8980.01   | 29.92           | 30.90        | 270.00        | 1265.22         | -660.58    | 663.75                    | 602.96                 | 10.92                |         |
| 10020.00              | 8980.00   | 10236.89 | 8980.01   | 30.32           | 31.32        | 270.00        | 1295.22         | -660.69    | 663.90                    | 602.29                 | 10.78                |         |
| 10050.00              | 8980.00   | 10266.89 | 8980.01   | 30.73           | 31.73        | 270.00        | 1325.21         | -660.79    | 664.04                    | 601.61                 | 10.64                |         |
| 10080.00              | 8980.00   | 10296.89 | 8980.01   | 31.14           | 32.15        | 270.00        | 1355.21         | -660.89    | 664.19                    | 600.93                 | 10.50                |         |
| 10110.00              | 8980.00   | 10326.89 | 8980.01   | 31.56           | 32.57        | 270.00        | 1385.21         | -661.00    | 664.33                    | 600.24                 | 10.36                |         |
| 10140.00              | 8980.00   | 10356.89 | 8980.01   | 31.98           | 33.00        | 270.00        | 1415.21         | -661.10    | 664.48                    | 599.53                 | 10.23                |         |
| 10170.00              | 8980.00   | 10386.89 | 8980.01   | 32.40           | 33.43        | 270.00        | 1445.21         | -661.21    | 664.62                    | 598.82                 | 10.10                |         |
| 10200.00              | 8980.00   | 10416.89 | 8980.01   | 32.83           | 33.86        | 270.00        | 1475.21         | -661.31    | 664.76                    | 598.10                 | 9.97                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 8  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        | Offset Location |         | TFO-HS  | North  | East   | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|----------|---------|-----------------|--------|-----------------|---------|---------|--------|--------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | North           | East    |         |        |        |                  |               |                   |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg             | ft      | ft      | ft     | ft     | ft               | ft            |                   |         |
| 10230.00  | 8980.00 | 10446.89 | 8980.01 | 33.26           | 34.30  | 270.00          | 1505.21 | -661.41 | 664.89 | 597.36 | 9.85             |               |                   |         |
| 10260.00  | 8980.00 | 10476.89 | 8980.01 | 33.70           | 34.74  | 270.00          | 1535.21 | -661.52 | 665.03 | 596.62 | 9.72             |               |                   |         |
| 10290.00  | 8980.00 | 10506.89 | 8980.01 | 34.13           | 35.18  | 270.00          | 1565.21 | -661.62 | 665.16 | 595.88 | 9.60             |               |                   |         |
| 10320.00  | 8980.00 | 10536.89 | 8980.01 | 34.57           | 35.63  | 270.00          | 1595.21 | -661.72 | 665.29 | 595.12 | 9.48             |               |                   |         |
| 10350.00  | 8980.00 | 10566.89 | 8980.01 | 35.02           | 36.08  | 270.00          | 1625.21 | -661.83 | 665.42 | 594.35 | 9.36             |               |                   |         |
| 10380.00  | 8980.00 | 10596.89 | 8980.01 | 35.47           | 36.52  | 270.00          | 1655.21 | -661.93 | 665.55 | 593.59 | 9.25             |               |                   |         |
| 10410.00  | 8980.00 | 10626.89 | 8980.01 | 35.91           | 36.98  | 270.00          | 1685.21 | -662.04 | 665.68 | 592.81 | 9.14             |               |                   |         |
| 10440.00  | 8980.00 | 10656.89 | 8980.01 | 36.37           | 37.44  | 270.00          | 1715.21 | -662.14 | 665.80 | 592.02 | 9.02             |               |                   |         |
| 10470.00  | 8980.00 | 10686.88 | 8980.01 | 36.82           | 37.90  | 270.00          | 1745.21 | -662.24 | 665.93 | 591.23 | 8.92             |               |                   |         |
| 10500.00  | 8980.00 | 10716.88 | 8980.01 | 37.28           | 38.36  | 270.00          | 1775.21 | -662.35 | 666.05 | 590.44 | 8.81             |               |                   |         |
| 10530.00  | 8980.00 | 10746.88 | 8980.01 | 37.74           | 38.82  | 270.00          | 1805.21 | -662.45 | 666.17 | 589.63 | 8.70             |               |                   |         |
| 10560.00  | 8980.00 | 10776.88 | 8980.01 | 38.20           | 39.29  | 270.00          | 1835.21 | -662.55 | 666.29 | 588.82 | 8.60             |               |                   |         |
| 10590.00  | 8980.00 | 10806.88 | 8980.01 | 38.67           | 39.75  | 270.00          | 1865.21 | -662.66 | 666.40 | 588.01 | 8.50             |               |                   |         |
| 10620.00  | 8980.00 | 10836.88 | 8980.01 | 39.13           | 40.22  | 270.00          | 1895.21 | -662.76 | 666.52 | 587.18 | 8.40             |               |                   |         |
| 10650.00  | 8980.00 | 10866.88 | 8980.01 | 39.60           | 40.70  | 270.00          | 1925.21 | -662.87 | 666.63 | 586.35 | 8.30             |               |                   |         |
| 10680.00  | 8980.00 | 10896.88 | 8980.01 | 40.07           | 41.17  | 270.00          | 1955.21 | -662.97 | 666.74 | 585.52 | 8.21             |               |                   |         |
| 10710.00  | 8980.00 | 10926.88 | 8980.01 | 40.55           | 41.65  | 270.00          | 1985.20 | -663.07 | 666.85 | 584.68 | 8.12             |               |                   |         |
| 10740.00  | 8980.00 | 10956.88 | 8980.01 | 41.02           | 42.12  | 270.00          | 2015.20 | -663.18 | 666.96 | 583.83 | 8.02             |               |                   |         |
| 10770.00  | 8980.00 | 10986.88 | 8980.01 | 41.50           | 42.60  | 270.00          | 2045.20 | -663.28 | 667.06 | 582.99 | 7.93             |               |                   |         |
| 10800.00  | 8980.00 | 11016.88 | 8980.01 | 41.97           | 43.08  | 270.00          | 2075.20 | -663.38 | 667.17 | 582.13 | 7.85             |               |                   |         |
| 10830.00  | 8980.00 | 11046.88 | 8980.01 | 42.46           | 43.56  | 270.00          | 2105.20 | -663.49 | 667.27 | 581.27 | 7.76             |               |                   |         |
| 10860.00  | 8980.00 | 11076.88 | 8980.01 | 42.94           | 44.05  | 270.00          | 2135.20 | -663.59 | 667.37 | 580.41 | 7.67             |               |                   |         |
| 10890.00  | 8980.00 | 11106.88 | 8980.01 | 43.42           | 44.53  | 270.00          | 2165.20 | -663.69 | 667.47 | 579.54 | 7.59             |               |                   |         |
| 10920.00  | 8980.00 | 11136.88 | 8980.01 | 43.90           | 45.02  | 270.00          | 2195.20 | -663.80 | 667.56 | 578.66 | 7.51             |               |                   |         |
| 10950.00  | 8980.00 | 11166.88 | 8980.01 | 44.39           | 45.51  | 270.00          | 2225.20 | -663.90 | 667.66 | 577.78 | 7.43             |               |                   |         |
| 10980.00  | 8980.00 | 11196.88 | 8980.01 | 44.88           | 46.00  | 270.00          | 2255.20 | -664.01 | 667.75 | 576.90 | 7.35             |               |                   |         |
| 11010.00  | 8980.00 | 11226.88 | 8980.01 | 45.37           | 46.49  | 270.00          | 2285.20 | -664.11 | 667.84 | 576.01 | 7.27             |               |                   |         |
| 11040.00  | 8980.00 | 11256.88 | 8980.01 | 45.86           | 46.98  | 270.00          | 2315.20 | -664.21 | 667.93 | 575.12 | 7.20             |               |                   |         |
| 11070.00  | 8980.00 | 11286.88 | 8980.02 | 46.35           | 47.47  | 270.00          | 2345.20 | -664.32 | 668.02 | 574.22 | 7.12             |               |                   |         |
| 11100.00  | 8980.00 | 11316.88 | 8980.02 | 46.84           | 47.97  | 270.00          | 2375.20 | -664.42 | 668.11 | 573.32 | 7.05             |               |                   |         |
| 11130.00  | 8980.00 | 11346.88 | 8980.02 | 47.33           | 48.46  | 270.00          | 2405.20 | -664.52 | 668.19 | 572.42 | 6.98             |               |                   |         |
| 11160.00  | 8980.00 | 11376.88 | 8980.02 | 47.83           | 48.96  | 270.00          | 2435.20 | -664.63 | 668.28 | 571.51 | 6.91             |               |                   |         |
| 11190.00  | 8980.00 | 11406.88 | 8980.02 | 48.33           | 49.46  | 270.00          | 2465.20 | -664.73 | 668.36 | 570.60 | 6.84             |               |                   |         |
| 11220.00  | 8980.00 | 11436.88 | 8980.02 | 48.82           | 49.96  | 270.00          | 2495.20 | -664.84 | 668.44 | 569.68 | 6.77             |               |                   |         |
| 11250.00  | 8980.00 | 11466.88 | 8980.02 | 49.32           | 50.46  | 270.00          | 2525.20 | -664.94 | 668.52 | 568.76 | 6.70             |               |                   |         |
| 11280.00  | 8980.00 | 11496.88 | 8980.02 | 49.82           | 50.96  | 270.00          | 2555.20 | -665.04 | 668.59 | 567.83 | 6.64             |               |                   |         |
| 11310.00  | 8980.00 | 11526.88 | 8980.02 | 50.32           | 51.46  | 270.00          | 2585.20 | -665.15 | 668.67 | 566.91 | 6.57             |               |                   |         |
| 11340.00  | 8980.00 | 11556.88 | 8980.02 | 50.82           | 51.96  | 270.00          | 2615.20 | -665.25 | 668.74 | 565.97 | 6.51             |               |                   |         |
| 11370.00  | 8980.00 | 11586.88 | 8980.02 | 51.33           | 52.46  | 270.00          | 2645.20 | -665.35 | 668.81 | 565.04 | 6.45             |               |                   |         |
| 11400.00  | 8980.00 | 11616.88 | 8980.02 | 51.83           | 52.97  | 270.00          | 2675.20 | -665.46 | 668.88 | 564.10 | 6.38             |               |                   |         |
| 11430.00  | 8980.00 | 11646.88 | 8980.02 | 52.33           | 53.47  | 270.00          | 2705.20 | -665.56 | 668.95 | 563.16 | 6.32             |               |                   |         |
| 11460.00  | 8980.00 | 11676.88 | 8980.02 | 52.84           | 53.98  | 270.00          | 2735.20 | -665.67 | 669.01 | 562.21 | 6.26             |               |                   |         |
| 11490.00  | 8980.00 | 11706.88 | 8980.02 | 53.34           | 54.49  | 270.00          | 2765.20 | -665.77 | 669.08 | 561.26 | 6.21             |               |                   |         |
| 11520.00  | 8980.00 | 11736.88 | 8980.02 | 53.85           | 55.00  | 270.00          | 2795.20 | -665.87 | 669.14 | 560.31 | 6.15             |               |                   |         |
| 11550.00  | 8980.00 | 11766.88 | 8980.02 | 54.36           | 55.50  | 270.00          | 2825.20 | -665.98 | 669.20 | 559.35 | 6.09             |               |                   |         |
| 11580.00  | 8980.00 | 11796.88 | 8980.02 | 54.87           | 56.01  | 270.00          | 2855.20 | -666.08 | 669.26 | 558.40 | 6.04             |               |                   |         |
| 11610.00  | 8980.00 | 11826.88 | 8980.02 | 55.38           | 56.52  | 270.00          | 2885.20 | -666.18 | 669.32 | 557.43 | 5.98             |               |                   |         |
| 11640.00  | 8980.00 | 11856.88 | 8980.02 | 55.89           | 57.03  | 270.00          | 2915.20 | -666.29 | 669.37 | 556.47 | 5.93             |               |                   |         |
| 11670.00  | 8980.00 | 11886.88 | 8980.02 | 56.40           | 57.55  | 270.00          | 2945.20 | -666.39 | 669.42 | 555.50 | 5.88             |               |                   |         |
| 11700.00  | 8980.00 | 11916.88 | 8980.02 | 56.91           | 58.06  | 270.00          | 2975.20 | -666.50 | 669.48 | 554.53 | 5.82             |               |                   |         |
| 11730.00  | 8980.00 | 11946.88 | 8980.02 | 57.42           | 58.57  | 270.00          | 3005.19 | -666.60 | 669.53 | 553.55 | 5.77             |               |                   |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010 Time: 12:19:33 Page: 9

Co-ordinate(N/E) Reference: Well: Cotton Draw Unit #136H, Grid North  
Vertical (TVD) Reference: SITE 3446.0

Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        |        | Offset Location |         | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|----------|---------|-----------------|--------|--------|-----------------|---------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-HS | North           | East    |                  |               |                   |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg    | ft              | ft      | ft               | ft            |                   |         |
| 11760.00  | 8980.00 | 11976.88 | 8980.02 | 57.93           | 59.08  | 270.00 | 3035.19         | -666.70 | 669.57           | 552.57        | 5.72              |         |
| 11790.00  | 8980.00 | 12006.88 | 8980.02 | 58.45           | 59.60  | 270.00 | 3065.19         | -666.81 | 669.62           | 551.59        | 5.67              |         |
| 11820.00  | 8980.00 | 12036.88 | 8980.02 | 58.96           | 60.11  | 270.00 | 3095.19         | -666.91 | 669.67           | 550.61        | 5.62              |         |
| 11850.00  | 8980.00 | 12066.88 | 8980.02 | 59.47           | 60.63  | 270.00 | 3125.19         | -667.01 | 669.71           | 549.62        | 5.58              |         |
| 11880.00  | 8980.00 | 12096.88 | 8980.02 | 59.99           | 61.14  | 270.00 | 3155.19         | -667.12 | 669.75           | 548.63        | 5.53              |         |
| 11910.00  | 8980.00 | 12126.88 | 8980.02 | 60.51           | 61.66  | 270.00 | 3185.19         | -667.22 | 669.79           | 547.64        | 5.48              |         |
| 11940.00  | 8980.00 | 12156.88 | 8980.02 | 61.02           | 62.18  | 270.00 | 3215.19         | -667.33 | 669.83           | 546.65        | 5.44              |         |
| 11970.00  | 8980.00 | 12186.88 | 8980.02 | 61.54           | 62.69  | 270.00 | 3245.19         | -667.43 | 669.86           | 545.65        | 5.39              |         |
| 12000.00  | 8980.00 | 12216.88 | 8980.02 | 62.06           | 63.21  | 270.00 | 3275.19         | -667.53 | 669.90           | 544.65        | 5.35              |         |
| 12030.00  | 8980.00 | 12246.88 | 8980.02 | 62.57           | 63.73  | 270.00 | 3305.19         | -667.64 | 669.93           | 543.64        | 5.30              |         |
| 12060.00  | 8980.00 | 12276.88 | 8980.02 | 63.09           | 64.25  | 270.00 | 3335.19         | -667.74 | 669.96           | 542.64        | 5.26              |         |
| 12090.00  | 8980.00 | 12306.88 | 8980.02 | 63.61           | 64.77  | 270.00 | 3365.19         | -667.84 | 669.99           | 541.63        | 5.22              |         |
| 12120.00  | 8980.00 | 12336.88 | 8980.02 | 64.13           | 65.29  | 270.00 | 3395.19         | -667.95 | 670.02           | 540.62        | 5.18              |         |
| 12150.00  | 8980.00 | 12366.88 | 8980.02 | 64.65           | 65.81  | 270.00 | 3425.19         | -668.05 | 670.05           | 539.60        | 5.14              |         |
| 12180.00  | 8980.00 | 12396.88 | 8980.02 | 65.17           | 66.33  | 270.00 | 3455.19         | -668.15 | 670.07           | 538.58        | 5.10              |         |
| 12210.00  | 8980.00 | 12426.88 | 8980.03 | 65.69           | 66.85  | 270.00 | 3485.19         | -668.26 | 670.09           | 537.56        | 5.06              |         |
| 12240.00  | 8980.00 | 12456.88 | 8980.03 | 66.21           | 67.37  | 270.00 | 3515.19         | -668.36 | 670.11           | 536.54        | 5.02              |         |
| 12270.00  | 8980.00 | 12486.88 | 8980.03 | 66.73           | 67.89  | 270.00 | 3545.19         | -668.47 | 670.13           | 535.52        | 4.98              |         |
| 12300.00  | 8980.00 | 12516.88 | 8980.03 | 67.26           | 68.42  | 270.00 | 3575.19         | -668.57 | 670.15           | 534.49        | 4.94              |         |
| 12330.00  | 8980.00 | 12546.88 | 8980.03 | 67.78           | 68.94  | 270.00 | 3605.19         | -668.67 | 670.16           | 533.46        | 4.90              |         |
| 12360.00  | 8980.00 | 12576.88 | 8980.03 | 68.30           | 69.46  | 270.00 | 3635.19         | -668.78 | 670.18           | 532.43        | 4.87              |         |
| 12390.00  | 8980.00 | 12606.88 | 8980.03 | 68.82           | 69.99  | 270.00 | 3665.19         | -668.88 | 670.19           | 531.39        | 4.83              |         |
| 12420.00  | 8980.00 | 12636.88 | 8980.03 | 69.35           | 70.51  | 270.00 | 3695.19         | -668.98 | 670.20           | 530.35        | 4.79              |         |
| 12450.00  | 8980.00 | 12666.88 | 8980.03 | 69.87           | 71.03  | 270.00 | 3725.19         | -669.09 | 670.21           | 529.31        | 4.76              |         |
| 12480.00  | 8980.00 | 12696.88 | 8980.03 | 70.40           | 71.56  | 270.00 | 3755.19         | -669.19 | 670.21           | 528.27        | 4.72              |         |
| 12510.00  | 8980.00 | 12726.88 | 8980.03 | 70.92           | 72.08  | 270.00 | 3785.19         | -669.30 | 670.22           | 527.23        | 4.69              |         |
| 12540.00  | 8980.00 | 12756.88 | 8980.03 | 71.45           | 72.61  | 270.00 | 3815.19         | -669.40 | 670.22           | 526.18        | 4.65              |         |
| 12570.00  | 8980.00 | 12786.88 | 8980.03 | 71.97           | 73.13  | 270.00 | 3845.19         | -669.50 | 670.22           | 525.13        | 4.62              |         |
| 12600.00  | 8980.00 | 12816.88 | 8980.03 | 72.50           | 73.66  | 270.00 | 3875.19         | -669.61 | 670.22           | 524.08        | 4.59              |         |
| 12630.00  | 8980.00 | 12846.88 | 8980.03 | 73.02           | 74.19  | 270.00 | 3905.19         | -669.71 | 670.22           | 523.02        | 4.55              |         |
| 12660.00  | 8980.00 | 12876.88 | 8980.03 | 73.55           | 74.71  | 270.00 | 3935.19         | -669.81 | 670.22           | 521.96        | 4.52              |         |
| 12690.00  | 8980.00 | 12906.88 | 8980.03 | 74.08           | 75.24  | 270.00 | 3965.19         | -669.92 | 670.21           | 520.90        | 4.49              |         |
| 12720.00  | 8980.00 | 12936.88 | 8980.03 | 74.61           | 75.77  | 270.00 | 3995.19         | -670.02 | 670.20           | 519.84        | 4.46              |         |
| 12750.00  | 8980.00 | 12966.88 | 8980.03 | 75.13           | 76.30  | 270.00 | 4025.19         | -670.13 | 670.19           | 518.78        | 4.43              |         |
| 12780.00  | 8980.00 | 12996.88 | 8980.03 | 75.66           | 76.82  | 270.00 | 4055.19         | -670.23 | 670.18           | 517.71        | 4.40              |         |
| 12810.00  | 8980.00 | 13026.88 | 8980.03 | 76.19           | 77.35  | 270.00 | 4085.19         | -670.33 | 670.17           | 516.64        | 4.37              |         |
| 12840.00  | 8980.00 | 13056.88 | 8980.03 | 76.72           | 77.88  | 270.00 | 4115.19         | -670.44 | 670.16           | 515.57        | 4.34              |         |
| 12870.00  | 8980.00 | 13086.88 | 8980.03 | 77.25           | 78.41  | 270.00 | 4145.19         | -670.54 | 670.14           | 514.50        | 4.31              |         |
| 12900.00  | 8980.00 | 13116.88 | 8980.03 | 77.77           | 78.94  | 270.00 | 4175.19         | -670.64 | 670.12           | 513.42        | 4.28              |         |
| 12930.00  | 8980.00 | 13146.88 | 8980.03 | 78.30           | 79.47  | 270.00 | 4205.19         | -670.75 | 670.10           | 512.35        | 4.25              |         |
| 12960.00  | 8980.00 | 13176.88 | 8980.03 | 78.83           | 80.00  | 270.00 | 4235.19         | -670.85 | 670.08           | 511.26        | 4.22              |         |
| 12990.00  | 8980.00 | 13206.88 | 8980.03 | 79.36           | 80.53  | 270.00 | 4265.19         | -670.96 | 670.06           | 510.18        | 4.19              |         |
| 13020.00  | 8980.00 | 13236.88 | 8980.03 | 79.89           | 81.06  | 270.00 | 4295.19         | -671.06 | 670.04           | 509.10        | 4.16              |         |
| 13050.00  | 8980.00 | 13266.88 | 8980.03 | 80.42           | 81.59  | 270.00 | 4325.19         | -671.16 | 670.01           | 508.01        | 4.14              |         |
| 13080.00  | 8980.00 | 13296.88 | 8980.03 | 80.95           | 82.12  | 270.00 | 4355.19         | -671.27 | 669.98           | 506.92        | 4.11              |         |
| 13110.00  | 8980.00 | 13326.88 | 8980.03 | 81.48           | 82.65  | 270.00 | 4385.19         | -671.37 | 669.95           | 505.83        | 4.08              |         |
| 13140.00  | 8980.00 | 13356.88 | 8980.03 | 82.01           | 83.18  | 270.00 | 4415.19         | -671.47 | 669.92           | 504.74        | 4.06              |         |
| 13170.00  | 8980.00 | 13386.88 | 8980.03 | 82.55           | 83.71  | 270.00 | 4445.19         | -671.58 | 669.89           | 503.64        | 4.03              |         |
| 13200.00  | 8980.00 | 13416.88 | 8980.03 | 83.08           | 84.24  | 270.00 | 4475.19         | -671.68 | 669.85           | 502.54        | 4.00              |         |
| 13230.00  | 8980.00 | 13446.88 | 8980.03 | 83.61           | 84.77  | 270.00 | 4505.19         | -671.79 | 669.81           | 501.44        | 3.98              |         |
| 13260.00  | 8980.00 | 13476.88 | 8980.03 | 84.14           | 85.30  | 270.00 | 4535.19         | -671.89 | 669.78           | 500.34        | 3.95              |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010  
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Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        | Offset Location |         | Ctr-Ctr |          | Edge Separation |        | Warning |
|-----------|---------|----------|---------|-----------------|--------|-----------------|---------|---------|----------|-----------------|--------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-HS          | North   | East    | Distance | Distance        | Factor |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg             | ft      | ft      | ft       | ft              |        |         |
| 13290.00  | 8980.00 | 13506.88 | 8980.03 | 84.67           | 85.84  | 270.00          | 4565.19 | -671.99 | 669.73   | 499.24          | 3.93   |         |
| 13320.00  | 8980.00 | 13536.88 | 8980.03 | 85.20           | 86.37  | 270.00          | 4595.18 | -672.10 | 669.69   | 498.13          | 3.90   |         |
| 13350.00  | 8980.00 | 13566.88 | 8980.04 | 85.74           | 86.90  | 270.00          | 4625.18 | -672.20 | 669.65   | 497.02          | 3.88   |         |
| 13380.00  | 8980.00 | 13596.88 | 8980.04 | 86.27           | 87.43  | 270.00          | 4655.18 | -672.30 | 669.60   | 495.91          | 3.86   |         |
| 13410.00  | 8980.00 | 13626.88 | 8980.04 | 86.80           | 87.97  | 270.00          | 4685.18 | -672.41 | 669.56   | 494.80          | 3.83   |         |
| 13440.00  | 8980.00 | 13656.88 | 8980.04 | 87.34           | 88.50  | 270.00          | 4715.18 | -672.51 | 669.51   | 493.68          | 3.81   |         |
| 13470.00  | 8980.00 | 13686.88 | 8980.04 | 87.87           | 89.03  | 270.00          | 4745.18 | -672.62 | 669.46   | 492.57          | 3.78   |         |
| 13500.00  | 8980.00 | 13716.88 | 8980.04 | 88.40           | 89.56  | 270.00          | 4775.18 | -672.72 | 669.40   | 491.45          | 3.76   |         |
| 13530.00  | 8980.00 | 13746.88 | 8980.04 | 88.94           | 90.10  | 270.00          | 4805.18 | -672.82 | 669.35   | 490.33          | 3.74   |         |
| 13560.00  | 8980.00 | 13776.88 | 8980.04 | 89.47           | 90.63  | 270.00          | 4835.18 | -672.93 | 669.29   | 489.20          | 3.72   |         |
| 13590.00  | 8980.00 | 13806.88 | 8980.04 | 90.00           | 91.17  | 270.00          | 4865.18 | -673.03 | 669.24   | 488.08          | 3.69   |         |
| 13620.00  | 8980.00 | 13836.88 | 8980.04 | 90.54           | 91.70  | 270.00          | 4895.18 | -673.13 | 669.18   | 486.95          | 3.67   |         |
| 13650.00  | 8980.00 | 13866.88 | 8980.04 | 91.07           | 92.23  | 270.00          | 4925.18 | -673.24 | 669.12   | 485.82          | 3.65   |         |
| 13680.00  | 8980.00 | 13896.88 | 8980.04 | 91.61           | 92.77  | 270.00          | 4955.18 | -673.34 | 669.05   | 484.69          | 3.63   |         |
| 13710.00  | 8980.00 | 13926.88 | 8980.04 | 92.14           | 93.30  | 270.00          | 4985.18 | -673.44 | 668.99   | 483.55          | 3.61   |         |
| 13740.00  | 8980.00 | 13956.88 | 8980.04 | 92.68           | 93.84  | 270.00          | 5015.18 | -673.55 | 668.92   | 482.42          | 3.59   |         |
| 13770.00  | 8980.00 | 13986.88 | 8980.04 | 93.21           | 94.37  | 270.00          | 5045.18 | -673.65 | 668.85   | 481.28          | 3.57   |         |
| 13800.00  | 8980.00 | 14016.88 | 8980.04 | 93.75           | 94.91  | 270.00          | 5075.18 | -673.76 | 668.78   | 480.14          | 3.55   |         |
| 13830.00  | 8980.00 | 14046.88 | 8980.04 | 94.28           | 95.44  | 270.00          | 5105.18 | -673.86 | 668.71   | 479.00          | 3.52   |         |
| 13860.00  | 8980.00 | 14076.88 | 8980.04 | 94.82           | 95.98  | 270.00          | 5135.18 | -673.96 | 668.64   | 477.85          | 3.50   |         |
| 13890.00  | 8980.00 | 14106.88 | 8980.04 | 95.35           | 96.51  | 270.00          | 5165.18 | -674.07 | 668.56   | 476.71          | 3.48   |         |
| 13920.00  | 8980.00 | 14136.88 | 8980.04 | 95.89           | 97.05  | 270.00          | 5195.18 | -674.17 | 668.49   | 475.56          | 3.46   |         |
| 13950.00  | 8980.00 | 14166.88 | 8980.04 | 96.42           | 97.58  | 270.00          | 5225.18 | -674.27 | 668.41   | 474.41          | 3.45   |         |
| 13980.00  | 8980.00 | 14196.88 | 8980.04 | 96.96           | 98.12  | 270.00          | 5255.18 | -674.38 | 668.33   | 473.26          | 3.43   |         |
| 14010.00  | 8980.00 | 14226.88 | 8980.04 | 97.50           | 98.66  | 270.00          | 5285.18 | -674.48 | 668.25   | 472.10          | 3.41   |         |
| 14040.00  | 8980.00 | 14256.88 | 8980.04 | 98.03           | 99.19  | 270.00          | 5315.18 | -674.59 | 668.16   | 470.95          | 3.39   |         |
| 14070.00  | 8980.00 | 14286.88 | 8980.04 | 98.57           | 99.73  | 270.00          | 5345.18 | -674.69 | 668.08   | 469.79          | 3.37   |         |
| 14100.00  | 8980.00 | 14316.88 | 8980.04 | 99.10           | 100.26 | 270.00          | 5375.18 | -674.79 | 667.99   | 468.63          | 3.35   |         |
| 14130.00  | 8980.00 | 14346.88 | 8980.04 | 99.64           | 100.80 | 270.00          | 5405.18 | -674.90 | 667.90   | 467.47          | 3.33   |         |
| 14160.00  | 8980.00 | 14376.88 | 8980.04 | 100.18          | 101.34 | 270.00          | 5435.18 | -675.00 | 667.81   | 466.30          | 3.31   |         |
| 14190.00  | 8980.00 | 14406.88 | 8980.04 | 100.72          | 101.87 | 270.00          | 5465.18 | -675.10 | 667.72   | 465.14          | 3.30   |         |
| 14220.00  | 8980.00 | 14436.88 | 8980.04 | 101.25          | 102.41 | 270.00          | 5495.18 | -675.21 | 667.62   | 463.97          | 3.28   |         |
| 14250.00  | 8980.00 | 14466.88 | 8980.04 | 101.79          | 102.95 | 270.00          | 5525.18 | -675.31 | 667.53   | 462.80          | 3.26   |         |
| 14280.00  | 8980.00 | 14496.88 | 8980.04 | 102.33          | 103.48 | 270.00          | 5555.18 | -675.42 | 667.43   | 461.63          | 3.24   |         |
| 14310.00  | 8980.00 | 14526.88 | 8980.04 | 102.86          | 104.02 | 270.00          | 5585.18 | -675.52 | 667.33   | 460.45          | 3.23   |         |
| 14340.00  | 8980.00 | 14556.88 | 8980.04 | 103.40          | 104.56 | 270.00          | 5615.18 | -675.62 | 667.23   | 459.28          | 3.21   |         |
| 14370.00  | 8980.00 | 14586.88 | 8980.04 | 103.94          | 105.10 | 270.00          | 5645.18 | -675.73 | 667.13   | 458.10          | 3.19   |         |
| 14400.00  | 8980.00 | 14616.88 | 8980.04 | 104.48          | 105.63 | 270.00          | 5675.17 | -675.83 | 667.02   | 456.92          | 3.17   |         |
| 14430.00  | 8980.00 | 14646.88 | 8980.04 | 105.02          | 106.17 | 270.00          | 5705.17 | -675.93 | 666.91   | 455.74          | 3.16   |         |
| 14460.00  | 8980.00 | 14676.87 | 8980.04 | 105.55          | 106.71 | 270.00          | 5735.17 | -676.04 | 666.81   | 454.55          | 3.14   |         |
| 14490.00  | 8980.00 | 14706.87 | 8980.05 | 106.09          | 107.25 | 270.00          | 5765.17 | -676.14 | 666.70   | 453.37          | 3.13   |         |
| 14520.00  | 8980.00 | 14736.87 | 8980.05 | 106.63          | 107.78 | 270.00          | 5795.17 | -676.25 | 666.58   | 452.18          | 3.11   |         |
| 14550.00  | 8980.00 | 14766.87 | 8980.05 | 107.17          | 108.32 | 270.00          | 5825.17 | -676.35 | 666.47   | 450.99          | 3.09   |         |
| 14580.00  | 8980.00 | 14796.87 | 8980.05 | 107.71          | 108.86 | 270.00          | 5855.17 | -676.45 | 666.36   | 449.80          | 3.08   |         |
| 14610.00  | 8980.00 | 14826.87 | 8980.05 | 108.25          | 109.40 | 270.00          | 5885.17 | -676.56 | 666.24   | 448.60          | 3.06   |         |
| 14640.00  | 8980.00 | 14856.87 | 8980.05 | 108.78          | 109.94 | 270.00          | 5915.17 | -676.66 | 666.12   | 447.41          | 3.05   |         |
| 14670.00  | 8980.00 | 14886.87 | 8980.05 | 109.32          | 110.48 | 270.00          | 5945.17 | -676.76 | 666.00   | 446.21          | 3.03   |         |
| 14700.00  | 8980.00 | 14916.87 | 8980.05 | 109.86          | 111.01 | 270.00          | 5975.17 | -676.87 | 665.88   | 445.01          | 3.01   |         |
| 14730.00  | 8980.00 | 14946.87 | 8980.05 | 110.40          | 111.55 | 270.00          | 6005.17 | -676.97 | 665.75   | 443.81          | 3.00   |         |
| 14760.00  | 8980.00 | 14976.87 | 8980.05 | 110.94          | 112.09 | 270.00          | 6035.17 | -677.08 | 665.63   | 442.61          | 2.98   |         |
| 14790.00  | 8980.00 | 15006.87 | 8980.05 | 111.48          | 112.63 | 270.00          | 6065.17 | -677.18 | 665.50   | 441.40          | 2.97   |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 11  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        | Offset Location |         | Ctr-Ctr | Edge     | Separation | Warning |        |
|-----------|---------|----------|---------|-----------------|--------|-----------------|---------|---------|----------|------------|---------|--------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-HS          | North   | East    | Distance | Distance   |         | Factor |
| ft        | ft      | ft       | ft      | ft              | ft     | deg             | ft      | ft      | ft       | ft         |         |        |
| 14820.00  | 8980.00 | 15036.87 | 8980.05 | 112.02          | 113.17 | 270.00          | 6095.17 | -677.28 | 665.37   | 440.19     | 2.95    |        |
| 14850.00  | 8980.00 | 15066.87 | 8980.05 | 112.56          | 113.71 | 270.00          | 6125.17 | -677.39 | 665.24   | 438.98     | 2.94    |        |
| 14880.00  | 8980.00 | 15096.87 | 8980.05 | 113.10          | 114.25 | 270.00          | 6155.17 | -677.49 | 665.11   | 437.77     | 2.93    |        |
| 14910.00  | 8980.00 | 15126.87 | 8980.05 | 113.64          | 114.79 | 270.00          | 6185.17 | -677.59 | 664.98   | 436.56     | 2.91    |        |
| 14940.00  | 8980.00 | 15156.87 | 8980.05 | 114.18          | 115.33 | 270.00          | 6215.17 | -677.70 | 664.84   | 435.35     | 2.90    |        |
| 14970.00  | 8980.00 | 15186.87 | 8980.05 | 114.72          | 115.86 | 270.00          | 6245.17 | -677.80 | 664.70   | 434.13     | 2.88    |        |
| 15000.00  | 8980.00 | 15216.87 | 8980.05 | 115.26          | 116.40 | 270.00          | 6275.17 | -677.90 | 664.56   | 432.91     | 2.87    |        |
| 15030.00  | 8980.00 | 15246.87 | 8980.05 | 115.80          | 116.94 | 270.00          | 6305.17 | -678.01 | 664.42   | 431.69     | 2.85    |        |
| 15060.00  | 8980.00 | 15276.87 | 8980.05 | 116.34          | 117.48 | 270.00          | 6335.17 | -678.11 | 664.28   | 430.47     | 2.84    |        |
| 15090.00  | 8980.00 | 15306.87 | 8980.05 | 116.88          | 118.02 | 270.00          | 6365.16 | -678.22 | 664.13   | 429.24     | 2.83    |        |
| 15120.00  | 8980.00 | 15336.87 | 8980.05 | 117.42          | 118.56 | 270.00          | 6395.16 | -678.32 | 663.99   | 428.02     | 2.81    |        |
| 15150.00  | 8980.00 | 15366.87 | 8980.05 | 117.96          | 119.10 | 270.00          | 6425.16 | -678.42 | 663.84   | 426.79     | 2.80    |        |
| 15180.00  | 8980.00 | 15396.87 | 8980.05 | 118.50          | 119.64 | 270.00          | 6455.16 | -678.53 | 663.69   | 425.56     | 2.79    |        |
| 15210.00  | 8980.00 | 15426.87 | 8980.05 | 119.04          | 120.18 | 270.00          | 6485.16 | -678.63 | 663.54   | 424.33     | 2.77    |        |
| 15240.00  | 8980.00 | 15456.87 | 8980.05 | 119.58          | 120.72 | 270.00          | 6515.16 | -678.73 | 663.38   | 423.09     | 2.76    |        |
| 15270.00  | 8980.00 | 15486.87 | 8980.05 | 120.12          | 121.26 | 270.00          | 6545.16 | -678.84 | 663.23   | 421.86     | 2.75    |        |
| 15300.00  | 8980.00 | 15516.87 | 8980.05 | 120.66          | 121.80 | 270.00          | 6575.16 | -678.94 | 663.07   | 420.62     | 2.73    |        |
| 15330.00  | 8980.00 | 15546.87 | 8980.05 | 121.20          | 122.34 | 270.00          | 6605.16 | -679.05 | 662.91   | 419.38     | 2.72    |        |
| 15360.00  | 8980.00 | 15576.87 | 8980.05 | 121.74          | 122.88 | 270.00          | 6635.16 | -679.15 | 662.75   | 418.14     | 2.71    |        |
| 15390.00  | 8980.00 | 15606.87 | 8980.05 | 122.28          | 123.42 | 270.00          | 6665.16 | -679.25 | 662.59   | 416.90     | 2.70    |        |
| 15420.00  | 8980.00 | 15636.86 | 8980.05 | 122.82          | 123.96 | 270.00          | 6695.16 | -679.36 | 662.43   | 415.65     | 2.68    |        |
| 15450.00  | 8980.00 | 15666.86 | 8980.05 | 123.36          | 124.50 | 270.00          | 6725.16 | -679.46 | 662.26   | 414.40     | 2.67    |        |
| 15480.00  | 8980.00 | 15696.86 | 8980.05 | 123.90          | 125.04 | 270.00          | 6755.16 | -679.56 | 662.10   | 413.15     | 2.66    |        |
| 15510.00  | 8980.00 | 15726.86 | 8980.05 | 124.45          | 125.58 | 270.00          | 6785.16 | -679.67 | 661.93   | 411.90     | 2.65    |        |
| 15540.00  | 8980.00 | 15756.86 | 8980.05 | 124.99          | 126.12 | 270.00          | 6815.16 | -679.77 | 661.76   | 410.65     | 2.64    |        |
| 15570.00  | 8980.00 | 15786.86 | 8980.05 | 125.53          | 126.67 | 270.00          | 6845.15 | -679.88 | 661.58   | 409.40     | 2.62    |        |
| 15600.00  | 8980.00 | 15816.86 | 8980.05 | 126.07          | 127.21 | 270.00          | 6875.15 | -679.98 | 661.41   | 408.14     | 2.61    |        |
| 15630.00  | 8980.00 | 15846.86 | 8980.06 | 126.61          | 127.75 | 270.00          | 6905.15 | -680.08 | 661.23   | 406.88     | 2.60    |        |
| 15660.00  | 8980.00 | 15876.86 | 8980.06 | 127.15          | 128.29 | 270.00          | 6935.15 | -680.19 | 661.06   | 405.62     | 2.59    |        |
| 15690.00  | 8980.00 | 15906.86 | 8980.06 | 127.69          | 128.83 | 270.00          | 6965.15 | -680.29 | 660.88   | 404.36     | 2.58    |        |
| 15720.00  | 8980.00 | 15936.86 | 8980.06 | 128.24          | 129.37 | 270.00          | 6995.15 | -680.39 | 660.70   | 403.10     | 2.56    |        |
| 15750.00  | 8980.00 | 15966.86 | 8980.06 | 128.78          | 129.91 | 270.00          | 7025.15 | -680.50 | 660.51   | 401.83     | 2.55    |        |
| 15780.00  | 8980.00 | 15996.86 | 8980.06 | 129.32          | 130.45 | 270.00          | 7055.15 | -680.60 | 660.33   | 400.56     | 2.54    |        |
| 15810.00  | 8980.00 | 16026.86 | 8980.06 | 129.86          | 130.99 | 270.00          | 7085.15 | -680.71 | 660.14   | 399.29     | 2.53    |        |
| 15840.00  | 8980.00 | 16056.86 | 8980.06 | 130.40          | 131.53 | 270.00          | 7115.15 | -680.81 | 659.95   | 398.02     | 2.52    |        |
| 15870.00  | 8980.00 | 16086.86 | 8980.06 | 130.94          | 132.08 | 270.00          | 7145.15 | -680.91 | 659.76   | 396.75     | 2.51    |        |
| 15900.00  | 8980.00 | 16116.86 | 8980.06 | 131.49          | 132.62 | 270.00          | 7175.15 | -681.02 | 659.57   | 395.47     | 2.50    |        |
| 15930.00  | 8980.00 | 16146.86 | 8980.06 | 132.03          | 133.16 | 269.99          | 7205.15 | -681.12 | 659.38   | 394.20     | 2.49    |        |
| 15960.00  | 8980.00 | 16176.86 | 8980.06 | 132.57          | 133.70 | 269.99          | 7235.15 | -681.22 | 659.18   | 392.92     | 2.48    |        |
| 15990.00  | 8980.00 | 16206.85 | 8980.06 | 133.11          | 134.24 | 269.99          | 7265.14 | -681.33 | 658.99   | 391.64     | 2.46    |        |
| 16020.00  | 8980.00 | 16236.85 | 8980.06 | 133.65          | 134.78 | 269.99          | 7295.14 | -681.43 | 658.79   | 390.36     | 2.45    |        |
| 16050.00  | 8980.00 | 16266.85 | 8980.06 | 134.20          | 135.33 | 269.99          | 7325.14 | -681.54 | 658.59   | 389.07     | 2.44    |        |
| 16080.00  | 8980.00 | 16296.85 | 8980.06 | 134.74          | 135.87 | 269.99          | 7355.14 | -681.64 | 658.39   | 387.79     | 2.43    |        |
| 16110.00  | 8980.00 | 16326.85 | 8980.06 | 135.28          | 136.41 | 269.99          | 7385.14 | -681.74 | 658.18   | 386.50     | 2.42    |        |
| 16140.00  | 8980.00 | 16356.85 | 8980.06 | 135.82          | 136.95 | 269.99          | 7415.14 | -681.85 | 657.98   | 385.21     | 2.41    |        |
| 16170.00  | 8980.00 | 16386.85 | 8980.06 | 136.37          | 137.49 | 269.99          | 7445.14 | -681.95 | 657.77   | 383.92     | 2.40    |        |
| 16200.00  | 8980.00 | 16416.85 | 8980.06 | 136.91          | 138.03 | 269.99          | 7475.14 | -682.05 | 657.56   | 382.62     | 2.39    |        |
| 16230.00  | 8980.00 | 16446.85 | 8980.06 | 137.45          | 138.58 | 269.99          | 7505.14 | -682.16 | 657.35   | 381.33     | 2.38    |        |
| 16260.00  | 8980.00 | 16476.85 | 8980.06 | 137.99          | 139.12 | 269.99          | 7535.14 | -682.26 | 657.14   | 380.03     | 2.37    |        |
| 16290.00  | 8980.00 | 16506.85 | 8980.06 | 138.54          | 139.66 | 269.99          | 7565.14 | -682.36 | 656.92   | 378.73     | 2.36    |        |
| 16320.00  | 8980.00 | 16536.85 | 8980.06 | 139.08          | 140.20 | 269.99          | 7595.13 | -682.47 | 656.71   | 377.43     | 2.35    |        |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010 Time: 12:19:33 Page: 12

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Vertical (TVD) Reference: SITE 3446.0

Db: Sybase

Site: Cotton Draw Unit #135H  
Well: Cotton Draw Unit #135H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 16350.00  | 8980.00   | 16566.85 | 8980.06   | 139.62          | 140.74       | 269.99        | 7625.13         | -682.57    | 656.49                    | 376.13                 | 2.34                 |         |
| 16380.00  | 8980.00   | 16596.84 | 8980.06   | 140.17          | 141.29       | 269.99        | 7655.13         | -682.68    | 656.27                    | 374.82                 | 2.33                 |         |
| 16410.00  | 8980.00   | 16626.84 | 8980.06   | 140.71          | 141.83       | 269.99        | 7685.13         | -682.78    | 656.05                    | 373.52                 | 2.32                 |         |
| 16412.34  | 8980.00   | 16629.18 | 8980.06   | 140.75          | 141.87       | 269.99        | 7687.47         | -682.79    | 656.03                    | 373.42                 | 2.32                 |         |

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 0.00      | 0.00      | 1.00     | -1.00     | 0.00            | 0.00         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.98                  | 59298.43             |         |
| 30.00     | 30.00     | 29.00    | 29.00     | 0.01            | 0.02         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.95                  | 1662.57              |         |
| 60.00     | 60.00     | 59.00    | 59.00     | 0.04            | 0.05         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.89                  | 561.18               |         |
| 90.00     | 90.00     | 89.00    | 89.00     | 0.07            | 0.08         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.83                  | 337.56               |         |
| 120.00    | 120.00    | 119.00   | 119.00    | 0.13            | 0.13         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.72                  | 195.06               |         |
| 150.00    | 150.00    | 149.00   | 149.00    | 0.20            | 0.19         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.59                  | 127.80               |         |
| 180.00    | 180.00    | 179.00   | 179.00    | 0.26            | 0.26         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.46                  | 95.03                |         |
| 210.00    | 210.00    | 209.00   | 209.00    | 0.33            | 0.33         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.32                  | 75.64                |         |
| 240.00    | 240.00    | 239.00   | 239.00    | 0.40            | 0.40         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.19                  | 62.82                |         |
| 270.00    | 270.00    | 269.00   | 269.00    | 0.47            | 0.46         | 90.37         | -0.32           | 49.98      | 49.98                     | 49.05                  | 53.71                |         |
| 300.00    | 300.00    | 299.00   | 299.00    | 0.53            | 0.53         | 90.37         | -0.32           | 49.98      | 49.98                     | 48.92                  | 46.91                |         |
| 330.00    | 330.00    | 329.00   | 329.00    | 0.60            | 0.60         | 90.37         | -0.32           | 49.98      | 49.98                     | 48.78                  | 41.64                |         |
| 360.00    | 360.00    | 359.00   | 359.00    | 0.67            | 0.67         | 90.37         | -0.32           | 49.98      | 49.98                     | 48.65                  | 37.44                |         |
| 390.00    | 390.00    | 389.00   | 389.00    | 0.74            | 0.73         | 90.37         | -0.32           | 49.98      | 49.98                     | 48.51                  | 34.00                |         |
| 420.00    | 420.00    | 419.00   | 419.00    | 0.80            | 0.80         | 90.37         | -0.32           | 49.98      | 49.98                     | 48.38                  | 31.14                |         |
| 450.00    | 450.00    | 449.00   | 449.00    | 0.87            | 0.87         | 90.37         | -0.32           | 49.98      | 49.98                     | 48.24                  | 28.73                |         |
| 480.00    | 480.00    | 479.00   | 479.00    | 0.94            | 0.94         | 90.37         | -0.32           | 49.98      | 49.98                     | 48.11                  | 26.66                |         |
| 510.00    | 510.00    | 509.00   | 509.00    | 1.01            | 1.00         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.97                  | 24.87                |         |
| 540.00    | 540.00    | 539.00   | 539.00    | 1.07            | 1.07         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.84                  | 23.31                |         |
| 570.00    | 570.00    | 569.00   | 569.00    | 1.14            | 1.14         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.70                  | 21.93                |         |
| 600.00    | 600.00    | 599.00   | 599.00    | 1.21            | 1.21         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.57                  | 20.70                |         |
| 630.00    | 630.00    | 629.00   | 629.00    | 1.28            | 1.27         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.43                  | 19.61                |         |
| 660.00    | 660.00    | 659.00   | 659.00    | 1.34            | 1.34         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.30                  | 18.62                |         |
| 690.00    | 690.00    | 689.00   | 689.00    | 1.41            | 1.41         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.16                  | 17.73                |         |
| 720.00    | 720.00    | 719.00   | 719.00    | 1.48            | 1.48         | 90.37         | -0.32           | 49.98      | 49.98                     | 47.03                  | 16.92                |         |
| 750.00    | 750.00    | 749.00   | 749.00    | 1.55            | 1.54         | 90.37         | -0.32           | 49.98      | 49.98                     | 46.89                  | 16.18                |         |
| 780.00    | 780.00    | 779.00   | 779.00    | 1.61            | 1.61         | 90.37         | -0.32           | 49.98      | 49.98                     | 46.76                  | 15.51                |         |
| 810.00    | 810.00    | 809.00   | 809.00    | 1.68            | 1.68         | 90.37         | -0.32           | 49.98      | 49.98                     | 46.62                  | 14.88                |         |
| 840.00    | 840.00    | 839.00   | 839.00    | 1.75            | 1.75         | 90.37         | -0.32           | 49.98      | 49.98                     | 46.49                  | 14.31                |         |
| 870.00    | 870.00    | 869.00   | 869.00    | 1.81            | 1.81         | 90.37         | -0.32           | 49.98      | 49.98                     | 46.35                  | 13.78                |         |
| 900.00    | 900.00    | 899.00   | 899.00    | 1.88            | 1.88         | 90.37         | -0.32           | 49.98      | 49.98                     | 46.22                  | 13.28                |         |
| 930.00    | 930.00    | 929.00   | 929.00    | 1.95            | 1.95         | 90.37         | -0.32           | 49.98      | 49.98                     | 46.08                  | 12.82                |         |
| 960.00    | 960.00    | 959.00   | 959.00    | 2.02            | 2.02         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.95                  | 12.40                |         |
| 990.00    | 990.00    | 989.00   | 989.00    | 2.08            | 2.08         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.81                  | 11.99                |         |
| 1020.00   | 1020.00   | 1019.00  | 1019.00   | 2.15            | 2.15         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.68                  | 11.62                |         |
| 1050.00   | 1050.00   | 1049.00  | 1049.00   | 2.22            | 2.22         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.54                  | 11.26                |         |
| 1080.00   | 1080.00   | 1079.00  | 1079.00   | 2.29            | 2.28         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.41                  | 10.93                |         |
| 1110.00   | 1110.00   | 1109.00  | 1109.00   | 2.35            | 2.35         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.27                  | 10.62                |         |
| 1140.00   | 1140.00   | 1139.00  | 1139.00   | 2.42            | 2.42         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.14                  | 10.32                |         |
| 1170.00   | 1170.00   | 1169.00  | 1169.00   | 2.49            | 2.49         | 90.37         | -0.32           | 49.98      | 49.98                     | 45.00                  | 10.04                |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co. NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010

Time: 12:19:33

Page: 13

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Vertical (TVD) Reference: SITE 3446.0

Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              | TFO-HS<br>deg | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft |               | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 1200.00   | 1200.00   | 1199.00  | 1199.00   | 2.56            | 2.55         | 90.37         | -0.32           | 49.98      | 49.98                     | 44.87                  | 9.78                 |         |
| 1230.00   | 1230.00   | 1229.00  | 1229.00   | 2.62            | 2.62         | 90.37         | -0.32           | 49.98      | 49.98                     | 44.73                  | 9.53                 |         |
| 1260.00   | 1260.00   | 1259.00  | 1259.00   | 2.69            | 2.69         | 90.37         | -0.32           | 49.98      | 49.98                     | 44.60                  | 9.29                 |         |
| 1290.00   | 1290.00   | 1289.00  | 1289.00   | 2.76            | 2.76         | 90.37         | -0.32           | 49.98      | 49.98                     | 44.47                  | 9.06                 |         |
| 1320.00   | 1320.00   | 1319.00  | 1319.00   | 2.83            | 2.82         | 90.37         | -0.32           | 49.98      | 49.98                     | 44.33                  | 8.85                 |         |
| 1350.00   | 1350.00   | 1349.00  | 1349.00   | 2.89            | 2.89         | 90.37         | -0.32           | 49.98      | 49.98                     | 44.20                  | 8.64                 |         |
| 1380.00   | 1380.00   | 1379.00  | 1379.00   | 2.96            | 2.96         | 90.37         | -0.32           | 49.98      | 49.98                     | 44.06                  | 8.44                 |         |
| 1410.00   | 1410.00   | 1409.00  | 1409.00   | 3.03            | 3.03         | 90.37         | -0.32           | 49.98      | 49.98                     | 43.93                  | 8.25                 |         |
| 1440.00   | 1440.00   | 1439.00  | 1439.00   | 3.10            | 3.09         | 90.37         | -0.32           | 49.98      | 49.98                     | 43.79                  | 8.07                 |         |
| 1470.00   | 1470.00   | 1469.00  | 1469.00   | 3.16            | 3.16         | 90.37         | -0.32           | 49.98      | 49.98                     | 43.66                  | 7.90                 |         |
| 1500.00   | 1500.00   | 1499.00  | 1499.00   | 3.23            | 3.23         | 90.37         | -0.32           | 49.98      | 49.98                     | 43.52                  | 7.74                 |         |
| 1530.00   | 1530.00   | 1529.00  | 1529.00   | 3.30            | 3.30         | 90.37         | -0.32           | 49.98      | 49.98                     | 43.39                  | 7.58                 |         |
| 1560.00   | 1560.00   | 1559.00  | 1559.00   | 3.37            | 3.36         | 90.37         | -0.32           | 49.98      | 49.98                     | 43.25                  | 7.43                 |         |
| 1590.00   | 1590.00   | 1589.00  | 1589.00   | 3.43            | 3.43         | 90.37         | -0.32           | 49.98      | 49.98                     | 43.12                  | 7.28                 |         |
| 1620.00   | 1620.00   | 1619.00  | 1619.00   | 3.50            | 3.50         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.98                  | 7.14                 |         |
| 1650.00   | 1650.00   | 1649.00  | 1649.00   | 3.57            | 3.57         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.85                  | 7.01                 |         |
| 1680.00   | 1680.00   | 1679.00  | 1679.00   | 3.64            | 3.63         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.71                  | 6.88                 |         |
| 1710.00   | 1710.00   | 1709.00  | 1709.00   | 3.70            | 3.70         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.58                  | 6.75                 |         |
| 1740.00   | 1740.00   | 1739.00  | 1739.00   | 3.77            | 3.77         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.44                  | 6.63                 |         |
| 1770.00   | 1770.00   | 1769.00  | 1769.00   | 3.84            | 3.84         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.31                  | 6.51                 |         |
| 1800.00   | 1800.00   | 1799.00  | 1799.00   | 3.91            | 3.90         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.17                  | 6.40                 |         |
| 1830.00   | 1830.00   | 1829.00  | 1829.00   | 3.97            | 3.97         | 90.37         | -0.32           | 49.98      | 49.98                     | 42.04                  | 6.29                 |         |
| 1860.00   | 1860.00   | 1859.00  | 1859.00   | 4.04            | 4.04         | 90.37         | -0.32           | 49.98      | 49.98                     | 41.90                  | 6.19                 |         |
| 1890.00   | 1890.00   | 1889.00  | 1889.00   | 4.11            | 4.11         | 90.37         | -0.32           | 49.98      | 49.98                     | 41.77                  | 6.09                 |         |
| 1920.00   | 1920.00   | 1919.00  | 1919.00   | 4.18            | 4.17         | 90.37         | -0.32           | 49.98      | 49.98                     | 41.63                  | 5.99                 |         |
| 1950.00   | 1950.00   | 1949.00  | 1949.00   | 4.24            | 4.24         | 90.37         | -0.32           | 49.98      | 49.98                     | 41.50                  | 5.89                 |         |
| 1980.00   | 1980.00   | 1979.00  | 1979.00   | 4.31            | 4.31         | 90.37         | -0.32           | 49.98      | 49.98                     | 41.36                  | 5.80                 |         |
| 2010.00   | 2010.00   | 2009.00  | 2009.00   | 4.38            | 4.38         | 90.37         | -0.32           | 49.98      | 49.98                     | 41.23                  | 5.71                 |         |
| 2040.00   | 2040.00   | 2039.00  | 2039.00   | 4.44            | 4.44         | 90.37         | -0.32           | 49.98      | 49.98                     | 41.09                  | 5.62                 |         |
| 2070.00   | 2070.00   | 2069.00  | 2069.00   | 4.51            | 4.51         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.96                  | 5.54                 |         |
| 2100.00   | 2100.00   | 2099.00  | 2099.00   | 4.58            | 4.58         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.82                  | 5.46                 |         |
| 2130.00   | 2130.00   | 2129.00  | 2129.00   | 4.65            | 4.64         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.69                  | 5.38                 |         |
| 2160.00   | 2160.00   | 2159.00  | 2159.00   | 4.71            | 4.71         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.55                  | 5.30                 |         |
| 2190.00   | 2190.00   | 2189.00  | 2189.00   | 4.78            | 4.78         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.42                  | 5.23                 |         |
| 2220.00   | 2220.00   | 2219.00  | 2219.00   | 4.85            | 4.85         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.28                  | 5.15                 |         |
| 2250.00   | 2250.00   | 2249.00  | 2249.00   | 4.92            | 4.91         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.15                  | 5.08                 |         |
| 2280.00   | 2280.00   | 2279.00  | 2279.00   | 4.98            | 4.98         | 90.37         | -0.32           | 49.98      | 49.98                     | 40.01                  | 5.02                 |         |
| 2310.00   | 2310.00   | 2309.00  | 2309.00   | 5.05            | 5.05         | 90.37         | -0.32           | 49.98      | 49.98                     | 39.88                  | 4.95                 |         |
| 2340.00   | 2340.00   | 2339.00  | 2339.00   | 5.12            | 5.12         | 90.37         | -0.32           | 49.98      | 49.98                     | 39.75                  | 4.88                 |         |
| 2370.00   | 2370.00   | 2369.00  | 2369.00   | 5.19            | 5.18         | 90.37         | -0.32           | 49.98      | 49.98                     | 39.61                  | 4.82                 |         |
| 2400.00   | 2400.00   | 2399.00  | 2399.00   | 5.25            | 5.25         | 90.37         | -0.32           | 49.98      | 49.98                     | 39.48                  | 4.76                 |         |
| 2430.00   | 2430.00   | 2429.00  | 2429.00   | 5.32            | 5.32         | 90.37         | -0.32           | 49.98      | 49.98                     | 39.34                  | 4.70                 |         |
| 2460.00   | 2460.00   | 2459.00  | 2459.00   | 5.39            | 5.39         | 90.37         | -0.32           | 49.98      | 49.98                     | 39.21                  | 4.64                 |         |
| 2490.00   | 2490.00   | 2489.00  | 2489.00   | 5.46            | 5.45         | 90.37         | -0.32           | 49.98      | 49.98                     | 39.07                  | 4.58                 |         |
| 2520.00   | 2520.00   | 2519.00  | 2519.00   | 5.52            | 5.52         | 90.37         | -0.32           | 49.98      | 49.98                     | 38.94                  | 4.53                 |         |
| 2550.00   | 2550.00   | 2549.00  | 2549.00   | 5.59            | 5.59         | 90.37         | -0.32           | 49.98      | 49.98                     | 38.80                  | 4.47                 |         |
| 2580.00   | 2580.00   | 2579.00  | 2579.00   | 5.66            | 5.66         | 90.37         | -0.32           | 49.98      | 49.98                     | 38.67                  | 4.42                 |         |
| 2610.00   | 2610.00   | 2609.00  | 2609.00   | 5.73            | 5.72         | 90.37         | -0.32           | 49.98      | 49.98                     | 38.53                  | 4.37                 |         |
| 2640.00   | 2640.00   | 2639.00  | 2639.00   | 5.79            | 5.79         | 90.37         | -0.32           | 49.98      | 49.98                     | 38.40                  | 4.31                 |         |
| 2670.00   | 2670.00   | 2669.00  | 2669.00   | 5.86            | 5.86         | 90.37         | -0.32           | 49.98      | 49.98                     | 38.26                  | 4.26                 |         |
| 2700.00   | 2700.00   | 2699.00  | 2699.00   | 5.93            | 5.93         | 90.37         | -0.32           | 49.98      | 49.98                     | 38.13                  | 4.22                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 14  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 2730.00   | 2730.00   | 2729.00  | 2729.00   | 6.00            | 5.99         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.99                  | 4.17                 |         |
| 2760.00   | 2760.00   | 2759.00  | 2759.00   | 6.06            | 6.06         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.86                  | 4.12                 |         |
| 2790.00   | 2790.00   | 2789.00  | 2789.00   | 6.13            | 6.13         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.72                  | 4.08                 |         |
| 2820.00   | 2820.00   | 2819.00  | 2819.00   | 6.20            | 6.20         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.59                  | 4.03                 |         |
| 2850.00   | 2850.00   | 2849.00  | 2849.00   | 6.27            | 6.26         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.45                  | 3.99                 |         |
| 2880.00   | 2880.00   | 2879.00  | 2879.00   | 6.33            | 6.33         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.32                  | 3.95                 |         |
| 2910.00   | 2910.00   | 2909.00  | 2909.00   | 6.40            | 6.40         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.18                  | 3.91                 |         |
| 2940.00   | 2940.00   | 2939.00  | 2939.00   | 6.47            | 6.47         | 90.37         | -0.32           | 49.98      | 49.98                     | 37.05                  | 3.86                 |         |
| 2970.00   | 2970.00   | 2969.00  | 2969.00   | 6.54            | 6.53         | 90.37         | -0.32           | 49.98      | 49.98                     | 36.91                  | 3.82                 |         |
| 3000.00   | 3000.00   | 2999.00  | 2999.00   | 6.60            | 6.60         | 90.37         | -0.32           | 49.98      | 49.98                     | 36.78                  | 3.79                 |         |
| 3030.00   | 3030.00   | 3029.00  | 3029.00   | 6.67            | 6.67         | 90.37         | -0.32           | 49.98      | 49.98                     | 36.64                  | 3.75                 |         |
| 3060.00   | 3060.00   | 3059.00  | 3059.00   | 6.74            | 6.74         | 90.37         | -0.32           | 49.98      | 49.98                     | 36.51                  | 3.71                 |         |
| 3090.00   | 3090.00   | 3089.00  | 3089.00   | 6.80            | 6.80         | 90.37         | -0.32           | 49.98      | 49.98                     | 36.37                  | 3.67                 |         |
| 3120.00   | 3120.00   | 3119.00  | 3119.00   | 6.87            | 6.87         | 90.37         | -0.32           | 49.98      | 49.98                     | 36.24                  | 3.64                 |         |
| 3150.00   | 3150.00   | 3149.00  | 3149.00   | 6.94            | 6.94         | 90.37         | -0.32           | 49.98      | 49.98                     | 36.10                  | 3.60                 |         |
| 3180.00   | 3180.00   | 3179.00  | 3179.00   | 7.01            | 7.00         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.97                  | 3.57                 |         |
| 3210.00   | 3210.00   | 3209.00  | 3209.00   | 7.07            | 7.07         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.83                  | 3.53                 |         |
| 3240.00   | 3240.00   | 3239.00  | 3239.00   | 7.14            | 7.14         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.70                  | 3.50                 |         |
| 3270.00   | 3270.00   | 3269.00  | 3269.00   | 7.21            | 7.21         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.56                  | 3.47                 |         |
| 3300.00   | 3300.00   | 3299.00  | 3299.00   | 7.28            | 7.27         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.43                  | 3.43                 |         |
| 3330.00   | 3330.00   | 3329.00  | 3329.00   | 7.34            | 7.34         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.29                  | 3.40                 |         |
| 3360.00   | 3360.00   | 3359.00  | 3359.00   | 7.41            | 7.41         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.16                  | 3.37                 |         |
| 3390.00   | 3390.00   | 3389.00  | 3389.00   | 7.48            | 7.48         | 90.37         | -0.32           | 49.98      | 49.98                     | 35.03                  | 3.34                 |         |
| 3420.00   | 3420.00   | 3419.00  | 3419.00   | 7.55            | 7.54         | 90.37         | -0.32           | 49.98      | 49.98                     | 34.89                  | 3.31                 |         |
| 3450.00   | 3450.00   | 3449.00  | 3449.00   | 7.61            | 7.61         | 90.37         | -0.32           | 49.98      | 49.98                     | 34.76                  | 3.28                 |         |
| 3480.00   | 3480.00   | 3479.00  | 3479.00   | 7.68            | 7.68         | 90.37         | -0.32           | 49.98      | 49.98                     | 34.62                  | 3.25                 |         |
| 3510.00   | 3510.00   | 3509.00  | 3509.00   | 7.75            | 7.75         | 90.37         | -0.32           | 49.98      | 49.98                     | 34.49                  | 3.23                 |         |
| 3540.00   | 3540.00   | 3539.00  | 3539.00   | 7.82            | 7.81         | 90.37         | -0.32           | 49.98      | 49.98                     | 34.35                  | 3.20                 |         |
| 3570.00   | 3570.00   | 3569.00  | 3569.00   | 7.88            | 7.88         | 90.37         | -0.32           | 49.98      | 49.98                     | 34.22                  | 3.17                 |         |
| 3600.00   | 3600.00   | 3599.00  | 3599.00   | 7.95            | 7.95         | 90.37         | -0.32           | 49.98      | 49.98                     | 34.08                  | 3.14                 |         |
| 3630.00   | 3630.00   | 3629.00  | 3629.00   | 8.02            | 8.02         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.95                  | 3.12                 |         |
| 3660.00   | 3660.00   | 3659.00  | 3659.00   | 8.09            | 8.08         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.81                  | 3.09                 |         |
| 3690.00   | 3690.00   | 3689.00  | 3689.00   | 8.15            | 8.15         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.68                  | 3.07                 |         |
| 3720.00   | 3720.00   | 3719.00  | 3719.00   | 8.22            | 8.22         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.54                  | 3.04                 |         |
| 3750.00   | 3750.00   | 3749.00  | 3749.00   | 8.29            | 8.29         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.41                  | 3.02                 |         |
| 3780.00   | 3780.00   | 3779.00  | 3779.00   | 8.36            | 8.35         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.27                  | 2.99                 |         |
| 3810.00   | 3810.00   | 3809.00  | 3809.00   | 8.42            | 8.42         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.14                  | 2.97                 |         |
| 3840.00   | 3840.00   | 3839.00  | 3839.00   | 8.49            | 8.49         | 90.37         | -0.32           | 49.98      | 49.98                     | 33.00                  | 2.94                 |         |
| 3870.00   | 3870.00   | 3869.00  | 3869.00   | 8.56            | 8.56         | 90.37         | -0.32           | 49.98      | 49.98                     | 32.87                  | 2.92                 |         |
| 3900.00   | 3900.00   | 3899.00  | 3899.00   | 8.63            | 8.62         | 90.37         | -0.32           | 49.98      | 49.98                     | 32.73                  | 2.90                 |         |
| 3930.00   | 3930.00   | 3929.00  | 3929.00   | 8.69            | 8.69         | 90.37         | -0.32           | 49.98      | 49.98                     | 32.60                  | 2.88                 |         |
| 3960.00   | 3960.00   | 3959.00  | 3959.00   | 8.76            | 8.76         | 90.37         | -0.32           | 49.98      | 49.98                     | 32.46                  | 2.85                 |         |
| 3990.00   | 3990.00   | 3989.00  | 3989.00   | 8.83            | 8.83         | 90.37         | -0.32           | 49.98      | 49.98                     | 32.33                  | 2.83                 |         |
| 4020.00   | 4020.00   | 4019.00  | 4019.00   | 8.90            | 8.89         | 90.37         | -0.32           | 49.98      | 49.98                     | 32.19                  | 2.81                 |         |
| 4050.00   | 4050.00   | 4049.00  | 4049.00   | 8.96            | 8.96         | 90.37         | -0.32           | 49.98      | 49.98                     | 32.06                  | 2.79                 |         |
| 4080.00   | 4080.00   | 4079.00  | 4079.00   | 9.03            | 9.03         | 90.37         | -0.32           | 49.98      | 49.98                     | 31.92                  | 2.77                 |         |
| 4110.00   | 4110.00   | 4109.00  | 4109.00   | 9.10            | 9.10         | 90.37         | -0.32           | 49.98      | 49.98                     | 31.79                  | 2.75                 |         |
| 4140.00   | 4140.00   | 4139.00  | 4139.00   | 9.16            | 9.16         | 90.37         | -0.32           | 49.98      | 49.98                     | 31.65                  | 2.73                 |         |
| 4170.00   | 4170.00   | 4169.00  | 4169.00   | 9.23            | 9.23         | 90.37         | -0.32           | 49.98      | 49.98                     | 31.52                  | 2.71                 |         |
| 4200.00   | 4200.00   | 4199.00  | 4199.00   | 9.30            | 9.30         | 90.37         | -0.32           | 49.98      | 49.98                     | 31.38                  | 2.69                 |         |
| 4230.00   | 4230.00   | 4229.00  | 4229.00   | 9.37            | 9.36         | 90.37         | -0.32           | 49.98      | 49.98                     | 31.25                  | 2.67                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 15  
Field: Eddy Co. NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H. Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 4260.00   | 4260.00   | 4259.00  | 4259.00   | 9.43            | 9.43         | 90.37         | -0.32           | 49.98      | 49.98                     | 31.11                  | 2.65                 |         |
| 4290.00   | 4290.00   | 4289.00  | 4289.00   | 9.50            | 9.50         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.98                  | 2.63                 |         |
| 4320.00   | 4320.00   | 4319.00  | 4319.00   | 9.57            | 9.57         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.84                  | 2.61                 |         |
| 4350.00   | 4350.00   | 4349.00  | 4349.00   | 9.64            | 9.63         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.71                  | 2.59                 |         |
| 4380.00   | 4380.00   | 4379.00  | 4379.00   | 9.70            | 9.70         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.57                  | 2.58                 |         |
| 4410.00   | 4410.00   | 4409.00  | 4409.00   | 9.77            | 9.77         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.44                  | 2.56                 |         |
| 4440.00   | 4440.00   | 4439.00  | 4439.00   | 9.84            | 9.84         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.31                  | 2.54                 |         |
| 4470.00   | 4470.00   | 4469.00  | 4469.00   | 9.91            | 9.90         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.17                  | 2.52                 |         |
| 4500.00   | 4500.00   | 4499.00  | 4499.00   | 9.97            | 9.97         | 90.37         | -0.32           | 49.98      | 49.98                     | 30.04                  | 2.51                 |         |
| 4530.00   | 4530.00   | 4529.00  | 4529.00   | 10.04           | 10.04        | 90.37         | -0.32           | 49.98      | 49.98                     | 29.90                  | 2.49                 |         |
| 4560.00   | 4560.00   | 4559.00  | 4559.00   | 10.11           | 10.11        | 90.37         | -0.32           | 49.98      | 49.98                     | 29.77                  | 2.47                 |         |
| 4590.00   | 4590.00   | 4589.00  | 4589.00   | 10.18           | 10.17        | 90.37         | -0.32           | 49.98      | 49.98                     | 29.63                  | 2.46                 |         |
| 4620.00   | 4620.00   | 4619.00  | 4619.00   | 10.24           | 10.24        | 90.37         | -0.32           | 49.98      | 49.98                     | 29.50                  | 2.44                 |         |
| 4650.00   | 4650.00   | 4649.00  | 4649.00   | 10.31           | 10.31        | 90.37         | -0.32           | 49.98      | 49.98                     | 29.36                  | 2.42                 |         |
| 4680.00   | 4680.00   | 4679.00  | 4679.00   | 10.38           | 10.38        | 90.37         | -0.32           | 49.98      | 49.98                     | 29.23                  | 2.41                 |         |
| 4710.00   | 4710.00   | 4709.00  | 4709.00   | 10.45           | 10.44        | 90.37         | -0.32           | 49.98      | 49.98                     | 29.09                  | 2.39                 |         |
| 4740.00   | 4740.00   | 4739.00  | 4739.00   | 10.51           | 10.51        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.96                  | 2.38                 |         |
| 4770.00   | 4770.00   | 4769.00  | 4769.00   | 10.58           | 10.58        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.82                  | 2.36                 |         |
| 4800.00   | 4800.00   | 4799.00  | 4799.00   | 10.65           | 10.65        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.69                  | 2.35                 |         |
| 4830.00   | 4830.00   | 4829.00  | 4829.00   | 10.72           | 10.71        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.55                  | 2.33                 |         |
| 4860.00   | 4860.00   | 4859.00  | 4859.00   | 10.78           | 10.78        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.42                  | 2.32                 |         |
| 4890.00   | 4890.00   | 4889.00  | 4889.00   | 10.85           | 10.85        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.28                  | 2.30                 |         |
| 4920.00   | 4920.00   | 4919.00  | 4919.00   | 10.92           | 10.92        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.15                  | 2.29                 |         |
| 4950.00   | 4950.00   | 4949.00  | 4949.00   | 10.99           | 10.98        | 90.37         | -0.32           | 49.98      | 49.98                     | 28.01                  | 2.28                 |         |
| 4980.00   | 4980.00   | 4979.00  | 4979.00   | 11.05           | 11.05        | 90.37         | -0.32           | 49.98      | 49.98                     | 27.88                  | 2.26                 |         |
| 5010.00   | 5010.00   | 5009.00  | 5009.00   | 11.12           | 11.12        | 90.37         | -0.32           | 49.98      | 49.98                     | 27.74                  | 2.25                 |         |
| 5040.00   | 5040.00   | 5039.00  | 5039.00   | 11.19           | 11.19        | 90.37         | -0.32           | 49.98      | 49.98                     | 27.61                  | 2.23                 |         |
| 5070.00   | 5070.00   | 5069.00  | 5069.00   | 11.26           | 11.25        | 90.37         | -0.32           | 49.98      | 49.98                     | 27.47                  | 2.22                 |         |
| 5100.00   | 5100.00   | 5099.00  | 5099.00   | 11.32           | 11.32        | 90.37         | -0.32           | 49.98      | 49.98                     | 27.34                  | 2.21                 |         |
| 5130.00   | 5130.00   | 5129.00  | 5129.00   | 11.39           | 11.39        | 90.37         | -0.32           | 49.98      | 49.98                     | 27.20                  | 2.19                 |         |
| 5160.00   | 5160.00   | 5159.00  | 5159.00   | 11.46           | 11.46        | 90.37         | -0.32           | 49.98      | 49.98                     | 27.07                  | 2.18                 |         |
| 5190.00   | 5190.00   | 5189.00  | 5189.00   | 11.52           | 11.52        | 90.37         | -0.32           | 49.98      | 49.98                     | 26.93                  | 2.17                 |         |
| 5220.00   | 5220.00   | 5219.00  | 5219.00   | 11.59           | 11.59        | 90.37         | -0.32           | 49.98      | 49.98                     | 26.80                  | 2.16                 |         |
| 5250.00   | 5250.00   | 5249.00  | 5249.00   | 11.66           | 11.66        | 90.37         | -0.32           | 49.98      | 49.98                     | 26.66                  | 2.14                 |         |
| 5280.00   | 5280.00   | 5279.00  | 5279.00   | 11.73           | 11.72        | 90.37         | -0.32           | 49.98      | 49.98                     | 26.53                  | 2.13                 |         |
| 5310.00   | 5310.00   | 5309.00  | 5309.00   | 11.79           | 11.79        | 90.37         | -0.32           | 49.98      | 49.98                     | 26.39                  | 2.12                 |         |
| 5340.00   | 5340.00   | 5339.00  | 5339.00   | 11.86           | 11.86        | 90.37         | -0.32           | 49.98      | 49.98                     | 26.26                  | 2.11                 |         |
| 5370.00   | 5370.00   | 5369.00  | 5369.00   | 11.93           | 11.93        | 90.37         | -0.32           | 49.98      | 49.98                     | 26.12                  | 2.10                 |         |
| 5400.00   | 5400.00   | 5399.00  | 5399.00   | 12.00           | 11.99        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.99                  | 2.08                 |         |
| 5430.00   | 5430.00   | 5429.00  | 5429.00   | 12.06           | 12.06        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.85                  | 2.07                 |         |
| 5460.00   | 5460.00   | 5459.00  | 5459.00   | 12.13           | 12.13        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.72                  | 2.06                 |         |
| 5490.00   | 5490.00   | 5489.00  | 5489.00   | 12.20           | 12.20        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.58                  | 2.05                 |         |
| 5520.00   | 5520.00   | 5519.00  | 5519.00   | 12.27           | 12.26        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.45                  | 2.04                 |         |
| 5550.00   | 5550.00   | 5549.00  | 5549.00   | 12.33           | 12.33        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.32                  | 2.03                 |         |
| 5580.00   | 5580.00   | 5579.00  | 5579.00   | 12.40           | 12.40        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.18                  | 2.02                 |         |
| 5610.00   | 5610.00   | 5609.00  | 5609.00   | 12.47           | 12.47        | 90.37         | -0.32           | 49.98      | 49.98                     | 25.05                  | 2.00                 |         |
| 5640.00   | 5640.00   | 5639.00  | 5639.00   | 12.54           | 12.53        | 90.37         | -0.32           | 49.98      | 49.98                     | 24.91                  | 1.99                 |         |
| 5670.00   | 5670.00   | 5669.00  | 5669.00   | 12.60           | 12.60        | 90.37         | -0.32           | 49.98      | 49.98                     | 24.78                  | 1.98                 |         |
| 5700.00   | 5700.00   | 5699.00  | 5699.00   | 12.67           | 12.67        | 90.37         | -0.32           | 49.98      | 49.98                     | 24.64                  | 1.97                 |         |
| 5730.00   | 5730.00   | 5729.00  | 5729.00   | 12.74           | 12.74        | 90.37         | -0.32           | 49.98      | 49.98                     | 24.51                  | 1.96                 |         |
| 5760.00   | 5760.00   | 5759.00  | 5759.00   | 12.81           | 12.80        | 90.37         | -0.32           | 49.98      | 49.98                     | 24.37                  | 1.95                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010  
Time: 12:19:33  
Page: 16

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |       | Ctr-Ctr  | Edge     | Separation | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|-------|----------|----------|------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East  | Distance | Distance | Factor     |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft    | ft       | ft       |            |         |
| 5790.00   | 5790.00 | 5789.00 | 5789.00 | 12.87           | 12.87  | 90.37  | -0.32           | 49.98 | 49.98    | 24.24    | 1.94       |         |
| 5820.00   | 5820.00 | 5819.00 | 5819.00 | 12.94           | 12.94  | 90.37  | -0.32           | 49.98 | 49.98    | 24.10    | 1.93       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 5850.00   | 5850.00 | 5849.00 | 5849.00 | 13.01           | 13.01  | 90.37  | -0.32           | 49.98 | 49.98    | 23.97    | 1.92       |         |
| 5880.00   | 5880.00 | 5879.00 | 5879.00 | 13.08           | 13.07  | 90.37  | -0.32           | 49.98 | 49.98    | 23.83    | 1.91       |         |
| 5910.00   | 5910.00 | 5909.00 | 5909.00 | 13.14           | 13.14  | 90.37  | -0.32           | 49.98 | 49.98    | 23.70    | 1.90       |         |
| 5940.00   | 5940.00 | 5939.00 | 5939.00 | 13.21           | 13.21  | 90.37  | -0.32           | 49.98 | 49.98    | 23.56    | 1.89       |         |
| 5970.00   | 5970.00 | 5969.00 | 5969.00 | 13.28           | 13.28  | 90.37  | -0.32           | 49.98 | 49.98    | 23.43    | 1.88       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 6000.00   | 6000.00 | 5999.00 | 5999.00 | 13.35           | 13.34  | 90.37  | -0.32           | 49.98 | 49.98    | 23.29    | 1.87       |         |
| 6030.00   | 6030.00 | 6029.00 | 6029.00 | 13.41           | 13.41  | 90.37  | -0.32           | 49.98 | 49.98    | 23.16    | 1.86       |         |
| 6060.00   | 6060.00 | 6059.00 | 6059.00 | 13.48           | 13.48  | 90.37  | -0.32           | 49.98 | 49.98    | 23.02    | 1.85       |         |
| 6090.00   | 6090.00 | 6089.00 | 6089.00 | 13.55           | 13.55  | 90.37  | -0.32           | 49.98 | 49.98    | 22.89    | 1.84       |         |
| 6120.00   | 6120.00 | 6119.00 | 6119.00 | 13.62           | 13.61  | 90.37  | -0.32           | 49.98 | 49.98    | 22.75    | 1.84       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 6150.00   | 6150.00 | 6149.00 | 6149.00 | 13.68           | 13.68  | 90.37  | -0.32           | 49.98 | 49.98    | 22.62    | 1.83       |         |
| 6180.00   | 6180.00 | 6179.00 | 6179.00 | 13.75           | 13.75  | 90.37  | -0.32           | 49.98 | 49.98    | 22.48    | 1.82       |         |
| 6210.00   | 6210.00 | 6209.00 | 6209.00 | 13.82           | 13.82  | 90.37  | -0.32           | 49.98 | 49.98    | 22.35    | 1.81       |         |
| 6240.00   | 6240.00 | 6239.00 | 6239.00 | 13.88           | 13.88  | 90.37  | -0.32           | 49.98 | 49.98    | 22.21    | 1.80       |         |
| 6270.00   | 6270.00 | 6269.00 | 6269.00 | 13.95           | 13.95  | 90.37  | -0.32           | 49.98 | 49.98    | 22.08    | 1.79       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 6300.00   | 6300.00 | 6299.00 | 6299.00 | 14.02           | 14.02  | 90.37  | -0.32           | 49.98 | 49.98    | 21.94    | 1.78       |         |
| 6330.00   | 6330.00 | 6329.00 | 6329.00 | 14.09           | 14.08  | 90.37  | -0.32           | 49.98 | 49.98    | 21.81    | 1.77       |         |
| 6360.00   | 6360.00 | 6359.00 | 6359.00 | 14.15           | 14.15  | 90.37  | -0.32           | 49.98 | 49.98    | 21.67    | 1.77       |         |
| 6390.00   | 6390.00 | 6389.00 | 6389.00 | 14.22           | 14.22  | 90.37  | -0.32           | 49.98 | 49.98    | 21.54    | 1.76       |         |
| 6420.00   | 6420.00 | 6419.00 | 6419.00 | 14.29           | 14.29  | 90.37  | -0.32           | 49.98 | 49.98    | 21.40    | 1.75       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 6450.00   | 6450.00 | 6449.00 | 6449.00 | 14.36           | 14.35  | 90.37  | -0.32           | 49.98 | 49.98    | 21.27    | 1.74       |         |
| 6480.00   | 6480.00 | 6479.00 | 6479.00 | 14.42           | 14.42  | 90.37  | -0.32           | 49.98 | 49.98    | 21.13    | 1.73       |         |
| 6510.00   | 6510.00 | 6509.00 | 6509.00 | 14.49           | 14.49  | 90.37  | -0.32           | 49.98 | 49.98    | 21.00    | 1.72       |         |
| 6540.00   | 6540.00 | 6539.00 | 6539.00 | 14.56           | 14.56  | 90.37  | -0.32           | 49.98 | 49.98    | 20.86    | 1.72       |         |
| 6570.00   | 6570.00 | 6569.00 | 6569.00 | 14.63           | 14.62  | 90.37  | -0.32           | 49.98 | 49.98    | 20.73    | 1.71       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 6600.00   | 6600.00 | 6599.00 | 6599.00 | 14.69           | 14.69  | 90.37  | -0.32           | 49.98 | 49.98    | 20.60    | 1.70       |         |
| 6630.00   | 6630.00 | 6629.00 | 6629.00 | 14.76           | 14.76  | 90.37  | -0.32           | 49.98 | 49.98    | 20.46    | 1.69       |         |
| 6660.00   | 6660.00 | 6659.00 | 6659.00 | 14.83           | 14.83  | 90.37  | -0.32           | 49.98 | 49.98    | 20.33    | 1.69       |         |
| 6690.00   | 6690.00 | 6689.00 | 6689.00 | 14.90           | 14.89  | 90.37  | -0.32           | 49.98 | 49.98    | 20.19    | 1.68       |         |
| 6720.00   | 6720.00 | 6719.00 | 6719.00 | 14.96           | 14.96  | 90.37  | -0.32           | 49.98 | 49.98    | 20.06    | 1.67       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 6750.00   | 6750.00 | 6749.00 | 6749.00 | 15.03           | 15.03  | 90.37  | -0.32           | 49.98 | 49.98    | 19.92    | 1.66       |         |
| 6780.00   | 6780.00 | 6779.00 | 6779.00 | 15.10           | 15.10  | 90.37  | -0.32           | 49.98 | 49.98    | 19.79    | 1.66       |         |
| 6810.00   | 6810.00 | 6809.00 | 6809.00 | 15.17           | 15.16  | 90.37  | -0.32           | 49.98 | 49.98    | 19.65    | 1.65       |         |
| 6840.00   | 6840.00 | 6839.00 | 6839.00 | 15.23           | 15.23  | 90.37  | -0.32           | 49.98 | 49.98    | 19.52    | 1.64       |         |
| 6870.00   | 6870.00 | 6869.00 | 6869.00 | 15.30           | 15.30  | 90.37  | -0.32           | 49.98 | 49.98    | 19.38    | 1.63       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 6900.00   | 6900.00 | 6899.00 | 6899.00 | 15.37           | 15.37  | 90.37  | -0.32           | 49.98 | 49.98    | 19.25    | 1.63       |         |
| 6930.00   | 6930.00 | 6929.00 | 6929.00 | 15.44           | 15.43  | 90.37  | -0.32           | 49.98 | 49.98    | 19.11    | 1.62       |         |
| 6960.00   | 6960.00 | 6959.00 | 6959.00 | 15.50           | 15.50  | 90.37  | -0.32           | 49.98 | 49.98    | 18.98    | 1.61       |         |
| 6990.00   | 6990.00 | 6989.00 | 6989.00 | 15.57           | 15.57  | 90.37  | -0.32           | 49.98 | 49.98    | 18.84    | 1.61       |         |
| 7020.00   | 7020.00 | 7019.00 | 7019.00 | 15.64           | 15.64  | 90.37  | -0.32           | 49.98 | 49.98    | 18.71    | 1.60       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 7050.00   | 7050.00 | 7049.00 | 7049.00 | 15.71           | 15.70  | 90.37  | -0.32           | 49.98 | 49.98    | 18.57    | 1.59       |         |
| 7080.00   | 7080.00 | 7079.00 | 7079.00 | 15.77           | 15.77  | 90.37  | -0.32           | 49.98 | 49.98    | 18.44    | 1.58       |         |
| 7110.00   | 7110.00 | 7109.00 | 7109.00 | 15.84           | 15.84  | 90.37  | -0.32           | 49.98 | 49.98    | 18.30    | 1.58       |         |
| 7140.00   | 7140.00 | 7139.00 | 7139.00 | 15.91           | 15.91  | 90.37  | -0.32           | 49.98 | 49.98    | 18.17    | 1.57       |         |
| 7170.00   | 7170.00 | 7169.00 | 7169.00 | 15.98           | 15.97  | 90.37  | -0.32           | 49.98 | 49.98    | 18.03    | 1.56       |         |
|           |         |         |         |                 |        |        |                 |       |          |          |            |         |
| 7200.00   | 7200.00 | 7199.00 | 7199.00 | 16.04           | 16.04  | 90.37  | -0.32           | 49.98 | 49.98    | 17.90    | 1.56       |         |
| 7230.00   | 7230.00 | 7229.00 | 7229.00 | 16.11           | 16.11  | 90.37  | -0.32           | 49.98 | 49.98    | 17.76    | 1.55       |         |
| 7260.00   | 7260.00 | 7259.00 | 7259.00 | 16.18           | 16.18  | 90.37  | -0.32           | 49.98 | 49.98    | 17.63    | 1.54       |         |
| 7290.00   | 7290.00 | 7289.00 | 7289.00 | 16.24           | 16.24  | 90.37  | -0.32           | 49.98 | 49.98    | 17.49    | 1.54       |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 17  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |                | Offset Location |            | Ctr-Ctr        | Edge           | Separation | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|----------------|-----------------|------------|----------------|----------------|------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-IIS<br>deg | North<br>ft     | East<br>ft | Distance<br>ft | Distance<br>ft | Factor     |         |
| 7320.00   | 7320.00   | 7319.00  | 7319.00   | 16.31           | 16.31        | 90.37          | -0.32           | 49.98      | 49.98          | 17.36          | 1.53       |         |
| 7350.00   | 7350.00   | 7349.00  | 7349.00   | 16.38           | 16.38        | 90.37          | -0.32           | 49.98      | 49.98          | 17.22          | 1.53       |         |
| 7380.00   | 7380.00   | 7379.00  | 7379.00   | 16.45           | 16.45        | 90.37          | -0.32           | 49.98      | 49.98          | 17.09          | 1.52       |         |
| 7410.00   | 7410.00   | 7409.00  | 7409.00   | 16.51           | 16.51        | 90.37          | -0.32           | 49.98      | 49.98          | 16.95          | 1.51       |         |
| 7440.00   | 7440.00   | 7439.00  | 7439.00   | 16.58           | 16.58        | 90.37          | -0.32           | 49.98      | 49.98          | 16.82          | 1.51       |         |
| 7470.00   | 7470.00   | 7469.00  | 7469.00   | 16.65           | 16.65        | 90.37          | -0.32           | 49.98      | 49.98          | 16.68          | 1.50       |         |
| 7500.00   | 7500.00   | 7499.00  | 7499.00   | 16.72           | 16.71        | 90.37          | -0.32           | 49.98      | 49.98          | 16.55          | 1.50       | Level 3 |
| 7530.00   | 7530.00   | 7529.00  | 7529.00   | 16.78           | 16.78        | 90.37          | -0.32           | 49.98      | 49.98          | 16.41          | 1.49       | Level 3 |
| 7560.00   | 7560.00   | 7559.00  | 7559.00   | 16.85           | 16.85        | 90.37          | -0.32           | 49.98      | 49.98          | 16.28          | 1.48       | Level 3 |
| 7590.00   | 7590.00   | 7589.00  | 7589.00   | 16.92           | 16.92        | 90.37          | -0.32           | 49.98      | 49.98          | 16.14          | 1.48       | Level 3 |
| 7620.00   | 7620.00   | 7619.00  | 7619.00   | 16.99           | 16.98        | 90.37          | -0.32           | 49.98      | 49.98          | 16.01          | 1.47       | Level 3 |
| 7650.00   | 7650.00   | 7649.00  | 7649.00   | 17.05           | 17.05        | 90.37          | -0.32           | 49.98      | 49.98          | 15.88          | 1.47       | Level 3 |
| 7680.00   | 7680.00   | 7679.00  | 7679.00   | 17.12           | 17.12        | 90.37          | -0.32           | 49.98      | 49.98          | 15.74          | 1.46       | Level 3 |
| 7710.00   | 7710.00   | 7709.00  | 7709.00   | 17.19           | 17.19        | 90.37          | -0.32           | 49.98      | 49.98          | 15.61          | 1.45       | Level 3 |
| 7740.00   | 7740.00   | 7739.00  | 7739.00   | 17.26           | 17.25        | 90.37          | -0.32           | 49.98      | 49.98          | 15.47          | 1.45       | Level 3 |
| 7770.00   | 7770.00   | 7769.00  | 7769.00   | 17.32           | 17.32        | 90.37          | -0.32           | 49.98      | 49.98          | 15.34          | 1.44       | Level 3 |
| 7800.00   | 7800.00   | 7799.00  | 7799.00   | 17.39           | 17.39        | 90.37          | -0.32           | 49.98      | 49.98          | 15.20          | 1.44       | Level 3 |
| 7830.00   | 7830.00   | 7829.00  | 7829.00   | 17.46           | 17.46        | 90.37          | -0.32           | 49.98      | 49.98          | 15.07          | 1.43       | Level 3 |
| 7860.00   | 7860.00   | 7859.00  | 7859.00   | 17.53           | 17.52        | 90.37          | -0.32           | 49.98      | 49.98          | 14.93          | 1.43       | Level 3 |
| 7890.00   | 7890.00   | 7889.00  | 7889.00   | 17.59           | 17.59        | 90.37          | -0.32           | 49.98      | 49.98          | 14.80          | 1.42       | Level 3 |
| 7920.00   | 7920.00   | 7919.00  | 7919.00   | 17.66           | 17.66        | 90.37          | -0.32           | 49.98      | 49.98          | 14.66          | 1.42       | Level 3 |
| 7950.00   | 7950.00   | 7949.00  | 7949.00   | 17.73           | 17.73        | 90.37          | -0.32           | 49.98      | 49.98          | 14.53          | 1.41       | Level 3 |
| 7980.00   | 7980.00   | 7979.00  | 7979.00   | 17.80           | 17.79        | 90.37          | -0.32           | 49.98      | 49.98          | 14.39          | 1.40       | Level 3 |
| 8010.00   | 8010.00   | 8008.40  | 8008.40   | 17.86           | 17.86        | 90.38          | -0.33           | 50.03      | 50.03          | 14.32          | 1.40       | Level 3 |
| 8040.00   | 8040.00   | 8036.23  | 8036.21   | 17.93           | 17.92        | 90.62          | -0.56           | 50.95      | 51.03          | 15.21          | 1.42       | Level 3 |
| 8070.00   | 8070.00   | 8063.93  | 8063.83   | 18.00           | 17.97        | 91.15          | -1.06           | 53.04      | 53.31          | 17.41          | 1.48       | Level 3 |
| 8100.00   | 8100.00   | 8091.39  | 8091.08   | 18.07           | 18.03        | 91.87          | -1.84           | 56.27      | 56.85          | 20.90          | 1.58       |         |
| 8130.00   | 8130.00   | 8118.51  | 8117.84   | 18.13           | 18.08        | 92.72          | -2.88           | 60.57      | 61.66          | 25.67          | 1.71       |         |
| 8160.00   | 8160.00   | 8145.21  | 8143.97   | 18.20           | 18.13        | 93.62          | -4.17           | 65.88      | 67.71          | 31.71          | 1.88       |         |
| 8190.00   | 8190.00   | 8171.40  | 8169.35   | 18.27           | 18.19        | 94.50          | -5.68           | 72.13      | 74.97          | 38.99          | 2.08       |         |
| 8220.00   | 8220.00   | 8197.01  | 8193.90   | 18.34           | 18.24        | 95.33          | -7.39           | 79.21      | 83.42          | 47.46          | 2.32       |         |
| 8250.00   | 8250.00   | 8221.98  | 8217.54   | 18.40           | 18.29        | 96.09          | -9.29           | 87.03      | 93.01          | 57.10          | 2.59       |         |
| 8280.00   | 8280.00   | 8246.26  | 8240.20   | 18.47           | 18.35        | 96.77          | -11.33          | 95.49      | 103.70         | 67.85          | 2.89       |         |
| 8310.00   | 8310.00   | 8269.81  | 8261.85   | 18.54           | 18.40        | 97.37          | -13.51          | 104.50     | 115.44         | 79.67          | 3.23       |         |
| 8340.00   | 8340.00   | 8292.60  | 8282.46   | 18.61           | 18.46        | 97.89          | -15.80          | 113.95     | 128.18         | 92.50          | 3.59       |         |
| 8370.00   | 8370.00   | 8314.61  | 8302.03   | 18.67           | 18.52        | 98.35          | -18.17          | 123.76     | 141.89         | 106.29         | 3.99       |         |
| 8400.00   | 8400.00   | 8335.80  | 8320.52   | 18.74           | 18.57        | 97.63          | -20.61          | 133.81     | 156.53         | 121.03         | 4.41       |         |
| 8430.00   | 8429.94   | 8356.03  | 8337.84   | 18.81           | 18.63        | 96.76          | -23.06          | 143.96     | 172.20         | 136.80         | 4.86       |         |
| 8460.00   | 8459.76   | 8375.23  | 8353.97   | 18.87           | 18.69        | 96.00          | -25.51          | 154.09     | 188.86         | 153.57         | 5.35       |         |
| 8490.00   | 8489.39   | 8393.38  | 8368.92   | 18.94           | 18.75        | 95.26          | -27.93          | 164.08     | 206.47         | 171.28         | 5.87       |         |
| 8520.00   | 8518.73   | 8410.45  | 8382.71   | 19.00           | 18.81        | 94.47          | -30.30          | 173.87     | 224.97         | 189.87         | 6.41       |         |
| 8550.00   | 8547.74   | 8426.45  | 8395.38   | 19.06           | 18.87        | 93.57          | -32.59          | 183.35     | 244.33         | 209.32         | 6.98       |         |
| 8580.00   | 8576.32   | 8441.38  | 8406.98   | 19.13           | 18.92        | 92.53          | -34.80          | 192.49     | 264.48         | 229.54         | 7.57       |         |
| 8610.00   | 8604.41   | 8459.68  | 8420.98   | 19.19           | 19.00        | 91.79          | -37.49          | 203.98     | 285.31         | 250.30         | 8.15       |         |
| 8640.00   | 8631.94   | 8482.65  | 8438.57   | 19.26           | 19.09        | 91.43          | -40.17          | 218.49     | 306.30         | 271.06         | 8.69       |         |
| 8670.00   | 8658.84   | 8506.15  | 8456.65   | 19.33           | 19.19        | 90.99          | -42.07          | 233.39     | 327.31         | 291.83         | 9.23       |         |
| 8700.00   | 8685.05   | 8530.29  | 8475.26   | 19.40           | 19.29        | 90.49          | -43.12          | 248.73     | 348.32         | 312.58         | 9.75       |         |
| 8730.00   | 8710.49   | 8555.18  | 8494.47   | 19.47           | 19.39        | 89.96          | -43.24          | 264.56     | 369.28         | 333.25         | 10.25      |         |
| 8760.00   | 8735.10   | 8580.95  | 8514.34   | 19.55           | 19.50        | 89.43          | -42.34          | 280.93     | 390.15         | 353.82         | 10.74      |         |
| 8790.00   | 8758.83   | 8607.75  | 8534.96   | 19.63           | 19.61        | 88.91          | -40.30          | 297.91     | 410.88         | 374.23         | 11.21      |         |
| 8820.00   | 8781.61   | 8635.74  | 8556.42   | 19.72           | 19.73        | 88.43          | -36.97          | 315.57     | 431.43         | 394.43         | 11.66      |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford®**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 18  
Field: Eddy Co. NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        |        | Offset Location |        | Ctr-Ctr Edge |          | Separation | Warning |
|-----------|---------|----------|---------|-----------------|--------|--------|-----------------|--------|--------------|----------|------------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-HS | North           | East   | Distance     | Distance | Factor     |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg    | ft              | ft     | ft           | ft       |            |         |
| 8850.00   | 8803.39 | 8665.12  | 8578.80 | 19.81           | 19.84  | 87.98  | -32.16          | 334.00 | 451.74       | 414.39   | 12.09      |         |
| 8880.00   | 8824.11 | 8696.13  | 8602.21 | 19.91           | 19.96  | 87.61  | -25.65          | 353.26 | 471.76       | 434.02   | 12.50      |         |
| 8910.00   | 8843.72 | 8729.04  | 8626.76 | 20.02           | 20.09  | 87.31  | -17.13          | 373.44 | 491.43       | 453.29   | 12.88      |         |
| 8940.00   | 8862.17 | 8764.15  | 8652.54 | 20.14           | 20.21  | 87.09  | -6.24           | 394.63 | 510.67       | 472.10   | 13.24      |         |
| 8970.00   | 8879.41 | 8801.82  | 8679.65 | 20.27           | 20.34  | 86.98  | 7.47            | 416.91 | 529.41       | 490.38   | 13.57      |         |
| 9000.00   | 8895.41 | 8842.47  | 8708.14 | 20.40           | 20.48  | 86.97  | 24.56           | 440.31 | 547.54       | 508.04   | 13.86      |         |
| 9030.00   | 8910.12 | 8886.57  | 8738.04 | 20.56           | 20.62  | 87.07  | 45.72           | 464.85 | 564.95       | 524.95   | 14.12      |         |
| 9060.00   | 8923.50 | 8934.63  | 8769.26 | 20.71           | 20.77  | 87.28  | 71.77           | 490.45 | 581.51       | 540.99   | 14.35      |         |
| 9090.00   | 8935.52 | 8987.21  | 8801.58 | 20.88           | 20.93  | 87.59  | 103.67          | 516.94 | 597.07       | 556.01   | 14.54      |         |
| 9120.00   | 8946.16 | 9044.86  | 8834.55 | 21.06           | 21.11  | 87.98  | 142.47          | 543.93 | 611.45       | 569.83   | 14.69      |         |
| 9150.00   | 8955.38 | 9108.05  | 8867.43 | 21.25           | 21.30  | 88.43  | 189.23          | 570.80 | 624.42       | 582.24   | 14.80      |         |
| 9180.00   | 8963.16 | 9177.10  | 8899.08 | 21.46           | 21.51  | 88.91  | 244.85          | 596.63 | 635.76       | 593.01   | 14.87      |         |
| 9210.00   | 8969.49 | 9252.02  | 8927.96 | 21.67           | 21.74  | 89.36  | 309.82          | 620.13 | 645.21       | 601.90   | 14.90      |         |
| 9240.00   | 8974.34 | 9332.35  | 8952.16 | 21.89           | 21.98  | 89.74  | 383.81          | 639.73 | 652.51       | 608.67   | 14.88      |         |
| 9270.00   | 8977.71 | 9417.08  | 8969.70 | 22.12           | 22.25  | 90.00  | 465.44          | 653.80 | 657.44       | 613.07   | 14.82      |         |
| 9300.00   | 8979.58 | 9504.60  | 8978.88 | 22.36           | 22.53  | 90.10  | 552.11          | 660.97 | 659.82       | 614.95   | 14.70      |         |
| 9330.00   | 8980.00 | 9563.05  | 8980.00 | 22.61           | 22.80  | 90.09  | 610.53          | 661.63 | 659.92       | 614.54   | 14.54      |         |
| 9360.00   | 8980.00 | 9593.05  | 8980.00 | 22.87           | 23.05  | 90.09  | 640.53          | 661.49 | 659.70       | 613.81   | 14.38      |         |
| 9390.00   | 8980.00 | 9623.05  | 8980.00 | 23.12           | 23.31  | 90.09  | 670.53          | 661.36 | 659.48       | 613.08   | 14.21      |         |
| 9420.00   | 8980.00 | 9653.05  | 8980.00 | 23.39           | 23.57  | 90.09  | 700.53          | 661.22 | 659.26       | 612.33   | 14.05      |         |
| 9450.00   | 8980.00 | 9683.05  | 8980.00 | 23.67           | 23.84  | 90.09  | 730.53          | 661.08 | 659.04       | 611.57   | 13.88      |         |
| 9480.00   | 8980.00 | 9713.05  | 8980.00 | 23.95           | 24.11  | 90.09  | 760.53          | 660.94 | 658.83       | 610.80   | 13.72      |         |
| 9510.00   | 8980.00 | 9743.05  | 8980.00 | 24.24           | 24.41  | 90.09  | 790.53          | 660.81 | 658.62       | 610.01   | 13.55      |         |
| 9540.00   | 8980.00 | 9773.05  | 8980.00 | 24.55           | 24.70  | 90.09  | 820.52          | 660.67 | 658.41       | 609.20   | 13.38      |         |
| 9570.00   | 8980.00 | 9803.05  | 8980.00 | 24.86           | 25.00  | 90.09  | 850.52          | 660.53 | 658.20       | 608.38   | 13.21      |         |
| 9600.00   | 8980.00 | 9833.05  | 8980.00 | 25.17           | 25.32  | 90.09  | 880.52          | 660.39 | 657.99       | 607.55   | 13.04      |         |
| 9630.00   | 8980.00 | 9863.05  | 8980.00 | 25.50           | 25.64  | 90.09  | 910.52          | 660.26 | 657.78       | 606.69   | 12.87      |         |
| 9660.00   | 8980.00 | 9893.05  | 8980.00 | 25.84           | 25.96  | 90.09  | 940.52          | 660.12 | 657.58       | 605.83   | 12.71      |         |
| 9690.00   | 8980.00 | 9923.05  | 8980.00 | 26.17           | 26.30  | 90.09  | 970.52          | 659.98 | 657.38       | 604.95   | 12.54      |         |
| 9720.00   | 8980.00 | 9953.05  | 8980.00 | 26.52           | 26.64  | 90.09  | 1000.52         | 659.84 | 657.18       | 604.06   | 12.37      |         |
| 9750.00   | 8980.00 | 9983.04  | 8980.00 | 26.88           | 26.99  | 90.09  | 1030.52         | 659.71 | 656.98       | 603.15   | 12.21      |         |
| 9780.00   | 8980.00 | 10013.04 | 8980.00 | 27.23           | 27.34  | 90.09  | 1060.52         | 659.57 | 656.78       | 602.25   | 12.04      |         |
| 9810.00   | 8980.00 | 10043.04 | 8980.00 | 27.60           | 27.71  | 90.09  | 1090.52         | 659.43 | 656.59       | 601.32   | 11.88      |         |
| 9840.00   | 8980.00 | 10073.04 | 8980.00 | 27.98           | 28.07  | 90.09  | 1120.51         | 659.30 | 656.40       | 600.38   | 11.72      |         |
| 9870.00   | 8980.00 | 10103.04 | 8980.00 | 28.35           | 28.44  | 90.09  | 1150.51         | 659.16 | 656.20       | 599.45   | 11.56      |         |
| 9900.00   | 8980.00 | 10133.04 | 8980.00 | 28.73           | 28.83  | 90.09  | 1180.51         | 659.02 | 656.01       | 598.50   | 11.41      |         |
| 9930.00   | 8980.00 | 10163.04 | 8980.00 | 29.13           | 29.21  | 90.09  | 1210.51         | 658.88 | 655.83       | 597.53   | 11.25      |         |
| 9960.00   | 8980.00 | 10193.04 | 8980.00 | 29.52           | 29.60  | 90.09  | 1240.51         | 658.75 | 655.64       | 596.56   | 11.10      |         |
| 9990.00   | 8980.00 | 10223.04 | 8980.00 | 29.92           | 29.99  | 90.09  | 1270.51         | 658.61 | 655.46       | 595.58   | 10.95      |         |
| 10020.00  | 8980.00 | 10253.04 | 8980.00 | 30.32           | 30.40  | 90.09  | 1300.51         | 658.47 | 655.27       | 594.60   | 10.80      |         |
| 10050.00  | 8980.00 | 10283.04 | 8980.00 | 30.73           | 30.80  | 90.09  | 1330.51         | 658.33 | 655.09       | 593.60   | 10.65      |         |
| 10080.00  | 8980.00 | 10313.04 | 8980.00 | 31.14           | 31.20  | 90.09  | 1360.51         | 658.20 | 654.91       | 592.61   | 10.51      |         |
| 10110.00  | 8980.00 | 10343.04 | 8980.00 | 31.56           | 31.62  | 90.09  | 1390.51         | 658.06 | 654.74       | 591.60   | 10.37      |         |
| 10140.00  | 8980.00 | 10373.04 | 8980.00 | 31.98           | 32.04  | 90.09  | 1420.51         | 657.92 | 654.56       | 590.58   | 10.23      |         |
| 10170.00  | 8980.00 | 10403.04 | 8980.00 | 32.40           | 32.45  | 90.09  | 1450.51         | 657.79 | 654.39       | 589.57   | 10.10      |         |
| 10200.00  | 8980.00 | 10433.04 | 8980.00 | 32.83           | 32.88  | 90.09  | 1480.50         | 657.65 | 654.21       | 588.54   | 9.96       |         |
| 10230.00  | 8980.00 | 10463.04 | 8980.00 | 33.26           | 33.31  | 90.09  | 1510.50         | 657.51 | 654.04       | 587.51   | 9.83       |         |
| 10260.00  | 8980.00 | 10493.04 | 8980.00 | 33.70           | 33.74  | 90.09  | 1540.50         | 657.37 | 653.87       | 586.48   | 9.70       |         |
| 10290.00  | 8980.00 | 10523.03 | 8980.00 | 34.13           | 34.17  | 90.09  | 1570.50         | 657.24 | 653.71       | 585.44   | 9.58       |         |
| 10320.00  | 8980.00 | 10553.03 | 8980.00 | 34.57           | 34.61  | 90.09  | 1600.50         | 657.10 | 653.54       | 584.39   | 9.45       |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 19  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        | Offset Location |         | Ctr-Ctr |          | Edge     |        | Separation | Warning |
|-----------|---------|----------|---------|-----------------|--------|-----------------|---------|---------|----------|----------|--------|------------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-IIS         | North   | East    | Distance | Distance | Factor |            |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg             | ft      | ft      | ft       | ft       |        |            |         |
| 10350.00  | 8980.00 | 10583.03 | 8980.00 | 35.02           | 35.05  | 90.09           | 1630.50 | 656.96  | 653.38   | 583.34   |        | 9.33       |         |
| 10380.00  | 8980.00 | 10613.03 | 8980.00 | 35.47           | 35.49  | 90.09           | 1660.50 | 656.82  | 653.22   | 582.29   |        | 9.21       |         |
| 10410.00  | 8980.00 | 10643.03 | 8980.00 | 35.91           | 35.94  | 90.09           | 1690.50 | 656.69  | 653.06   | 581.23   |        | 9.09       |         |
| 10440.00  | 8980.00 | 10673.03 | 8980.00 | 36.37           | 36.39  | 90.09           | 1720.50 | 656.55  | 652.90   | 580.17   |        | 8.98       |         |
| 10470.00  | 8980.00 | 10703.03 | 8980.00 | 36.82           | 36.84  | 90.09           | 1750.50 | 656.41  | 652.74   | 579.11   |        | 8.86       |         |
| 10500.00  | 8980.00 | 10733.03 | 8980.00 | 37.28           | 37.30  | 90.09           | 1780.50 | 656.28  | 652.59   | 578.04   |        | 8.75       |         |
| 10530.00  | 8980.00 | 10763.03 | 8980.00 | 37.74           | 37.76  | 90.09           | 1810.50 | 656.14  | 652.43   | 576.97   |        | 8.65       |         |
| 10560.00  | 8980.00 | 10793.03 | 8980.00 | 38.20           | 38.21  | 90.09           | 1840.50 | 656.00  | 652.28   | 575.90   |        | 8.54       |         |
| 10590.00  | 8980.00 | 10823.03 | 8980.00 | 38.67           | 38.68  | 90.09           | 1870.49 | 655.86  | 652.13   | 574.82   |        | 8.44       |         |
| 10620.00  | 8980.00 | 10853.03 | 8980.00 | 39.13           | 39.14  | 90.09           | 1900.49 | 655.73  | 651.98   | 573.74   |        | 8.33       |         |
| 10650.00  | 8980.00 | 10883.03 | 8980.00 | 39.60           | 39.61  | 90.09           | 1930.49 | 655.59  | 651.84   | 572.66   |        | 8.23       |         |
| 10680.00  | 8980.00 | 10913.03 | 8980.00 | 40.07           | 40.08  | 90.09           | 1960.49 | 655.45  | 651.69   | 571.57   |        | 8.13       |         |
| 10710.00  | 8980.00 | 10943.03 | 8980.00 | 40.55           | 40.55  | 90.09           | 1990.49 | 655.31  | 651.55   | 570.49   |        | 8.04       |         |
| 10740.00  | 8980.00 | 10973.03 | 8980.00 | 41.02           | 41.02  | 90.09           | 2020.49 | 655.18  | 651.41   | 569.40   |        | 7.94       |         |
| 10770.00  | 8980.00 | 11003.03 | 8980.00 | 41.50           | 41.49  | 90.09           | 2050.49 | 655.04  | 651.27   | 568.31   |        | 7.85       |         |
| 10800.00  | 8980.00 | 11033.03 | 8980.00 | 41.97           | 41.97  | 90.09           | 2080.49 | 654.90  | 651.13   | 567.22   |        | 7.76       |         |
| 10830.00  | 8980.00 | 11063.03 | 8980.00 | 42.46           | 42.45  | 90.09           | 2110.49 | 654.76  | 651.00   | 566.12   |        | 7.67       |         |
| 10860.00  | 8980.00 | 11093.03 | 8980.00 | 42.94           | 42.93  | 90.09           | 2140.49 | 654.63  | 650.86   | 565.03   |        | 7.58       |         |
| 10890.00  | 8980.00 | 11123.03 | 8980.00 | 43.42           | 43.41  | 90.09           | 2170.49 | 654.49  | 650.73   | 563.93   |        | 7.50       |         |
| 10920.00  | 8980.00 | 11153.03 | 8980.00 | 43.90           | 43.89  | 90.09           | 2200.49 | 654.35  | 650.60   | 562.83   |        | 7.41       |         |
| 10950.00  | 8980.00 | 11183.03 | 8980.00 | 44.39           | 44.37  | 90.09           | 2230.49 | 654.22  | 650.47   | 561.73   |        | 7.33       |         |
| 10980.00  | 8980.00 | 11213.03 | 8980.00 | 44.88           | 44.86  | 90.09           | 2260.49 | 654.08  | 650.34   | 560.63   |        | 7.25       |         |
| 11010.00  | 8980.00 | 11243.03 | 8980.00 | 45.37           | 45.35  | 90.09           | 2290.49 | 653.94  | 650.22   | 559.53   |        | 7.17       |         |
| 11040.00  | 8980.00 | 11273.03 | 8980.00 | 45.86           | 45.84  | 90.09           | 2320.49 | 653.80  | 650.09   | 558.43   |        | 7.09       |         |
| 11070.00  | 8980.00 | 11303.03 | 8980.00 | 46.35           | 46.32  | 90.09           | 2350.48 | 653.67  | 649.97   | 557.33   |        | 7.02       |         |
| 11100.00  | 8980.00 | 11333.03 | 8980.00 | 46.84           | 46.82  | 90.09           | 2380.48 | 653.53  | 649.85   | 556.22   |        | 6.94       |         |
| 11130.00  | 8980.00 | 11363.03 | 8980.00 | 47.33           | 47.31  | 90.09           | 2410.48 | 653.39  | 649.73   | 555.12   |        | 6.87       |         |
| 11160.00  | 8980.00 | 11393.03 | 8980.00 | 47.83           | 47.80  | 90.09           | 2440.48 | 653.25  | 649.62   | 554.01   |        | 6.79       |         |
| 11190.00  | 8980.00 | 11423.02 | 8980.00 | 48.33           | 48.30  | 90.09           | 2470.48 | 653.12  | 649.50   | 552.91   |        | 6.72       |         |
| 11220.00  | 8980.00 | 11453.02 | 8980.00 | 48.82           | 48.79  | 90.09           | 2500.48 | 652.98  | 649.39   | 551.80   |        | 6.65       |         |
| 11250.00  | 8980.00 | 11483.02 | 8980.00 | 49.32           | 49.29  | 90.09           | 2530.48 | 652.84  | 649.28   | 550.69   |        | 6.59       |         |
| 11280.00  | 8980.00 | 11513.02 | 8980.00 | 49.82           | 49.79  | 90.09           | 2560.48 | 652.71  | 649.17   | 549.59   |        | 6.52       |         |
| 11310.00  | 8980.00 | 11543.02 | 8980.00 | 50.32           | 50.29  | 90.09           | 2590.48 | 652.57  | 649.06   | 548.48   |        | 6.45       |         |
| 11340.00  | 8980.00 | 11573.02 | 8980.00 | 50.82           | 50.79  | 90.09           | 2620.48 | 652.43  | 648.95   | 547.37   |        | 6.39       |         |
| 11370.00  | 8980.00 | 11603.02 | 8980.00 | 51.33           | 51.29  | 90.09           | 2650.48 | 652.29  | 648.85   | 546.26   |        | 6.32       |         |
| 11400.00  | 8980.00 | 11633.02 | 8980.00 | 51.83           | 51.79  | 90.09           | 2680.48 | 652.16  | 648.75   | 545.15   |        | 6.26       |         |
| 11430.00  | 8980.00 | 11663.02 | 8980.00 | 52.33           | 52.29  | 90.09           | 2710.48 | 652.02  | 648.64   | 544.04   |        | 6.20       |         |
| 11460.00  | 8980.00 | 11693.02 | 8980.00 | 52.84           | 52.80  | 90.09           | 2740.48 | 651.88  | 648.55   | 542.94   |        | 6.14       |         |
| 11490.00  | 8980.00 | 11723.02 | 8980.00 | 53.34           | 53.30  | 90.09           | 2770.48 | 651.74  | 648.45   | 541.83   |        | 6.08       |         |
| 11520.00  | 8980.00 | 11753.02 | 8980.00 | 53.85           | 53.81  | 90.09           | 2800.48 | 651.61  | 648.35   | 540.72   |        | 6.02       |         |
| 11550.00  | 8980.00 | 11783.02 | 8980.00 | 54.36           | 54.31  | 90.09           | 2830.48 | 651.47  | 648.26   | 539.61   |        | 5.97       |         |
| 11580.00  | 8980.00 | 11813.02 | 8980.00 | 54.87           | 54.82  | 90.09           | 2860.48 | 651.33  | 648.17   | 538.50   |        | 5.91       |         |
| 11610.00  | 8980.00 | 11843.02 | 8980.00 | 55.38           | 55.33  | 90.09           | 2890.48 | 651.20  | 648.08   | 537.39   |        | 5.86       |         |
| 11640.00  | 8980.00 | 11873.02 | 8980.00 | 55.89           | 55.84  | 90.09           | 2920.48 | 651.06  | 647.99   | 536.29   |        | 5.80       |         |
| 11670.00  | 8980.00 | 11903.02 | 8980.00 | 56.40           | 56.34  | 90.09           | 2950.48 | 650.92  | 647.90   | 535.18   |        | 5.75       |         |
| 11700.00  | 8980.00 | 11933.02 | 8980.00 | 56.91           | 56.86  | 90.09           | 2980.47 | 650.78  | 647.81   | 534.07   |        | 5.70       |         |
| 11730.00  | 8980.00 | 11963.02 | 8980.00 | 57.42           | 57.37  | 90.09           | 3010.47 | 650.65  | 647.73   | 532.97   |        | 5.64       |         |
| 11760.00  | 8980.00 | 11993.02 | 8980.00 | 57.93           | 57.88  | 90.09           | 3040.47 | 650.51  | 647.65   | 531.86   |        | 5.59       |         |
| 11790.00  | 8980.00 | 12023.02 | 8980.00 | 58.45           | 58.39  | 90.09           | 3070.47 | 650.37  | 647.57   | 530.75   |        | 5.54       |         |
| 11820.00  | 8980.00 | 12053.02 | 8980.00 | 58.96           | 58.90  | 90.09           | 3100.47 | 650.23  | 647.49   | 529.65   |        | 5.49       |         |
| 11850.00  | 8980.00 | 12083.02 | 8980.00 | 59.47           | 59.42  | 90.09           | 3130.47 | 650.10  | 647.41   | 528.54   |        | 5.45       |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 12:19:33 Page: 20  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid North  
Reference Well: Cotton Draw Unit #136H Vertical (TVD) Reference: SITE 3446.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        | Offset Location |         | Ctr-Ctr |          | Edge     |        | Separation | Warning |
|-----------|---------|----------|---------|-----------------|--------|-----------------|---------|---------|----------|----------|--------|------------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-HS          | North   | East    | Distance | Distance | Factor |            |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg             | ft      | ft      | ft       | ft       |        |            |         |
| 11880.00  | 8980.00 | 12113.02 | 8980.00 | 59.99           | 59.93  | 90.09           | 3160.47 | 649.96  | 647.34   | 527.44   | 5.40   |            |         |
| 11910.00  | 8980.00 | 12143.02 | 8980.00 | 60.51           | 60.45  | 90.09           | 3190.47 | 649.82  | 647.26   | 526.34   | 5.35   |            |         |
| 11940.00  | 8980.00 | 12173.02 | 8980.00 | 61.02           | 60.96  | 90.09           | 3220.47 | 649.68  | 647.19   | 525.23   | 5.31   |            |         |
| 11970.00  | 8980.00 | 12203.02 | 8980.00 | 61.54           | 61.48  | 90.09           | 3250.47 | 649.55  | 647.12   | 524.13   | 5.26   |            |         |
| 12000.00  | 8980.00 | 12233.02 | 8980.00 | 62.06           | 61.99  | 90.09           | 3280.47 | 649.41  | 647.06   | 523.03   | 5.22   |            |         |
| 12030.00  | 8980.00 | 12263.02 | 8980.00 | 62.57           | 62.51  | 90.09           | 3310.47 | 649.27  | 646.99   | 521.93   | 5.17   |            |         |
| 12060.00  | 8980.00 | 12293.02 | 8980.00 | 63.09           | 63.03  | 90.09           | 3340.47 | 649.14  | 646.92   | 520.83   | 5.13   |            |         |
| 12090.00  | 8980.00 | 12323.02 | 8980.00 | 63.61           | 63.55  | 90.09           | 3370.47 | 649.00  | 646.86   | 519.73   | 5.09   |            |         |
| 12120.00  | 8980.00 | 12353.02 | 8980.00 | 64.13           | 64.06  | 90.09           | 3400.47 | 648.86  | 646.80   | 518.63   | 5.05   |            |         |
| 12150.00  | 8980.00 | 12383.02 | 8980.00 | 64.65           | 64.58  | 90.09           | 3430.47 | 648.72  | 646.74   | 517.53   | 5.01   |            |         |
| 12180.00  | 8980.00 | 12413.02 | 8980.00 | 65.17           | 65.10  | 90.09           | 3460.47 | 648.59  | 646.68   | 516.43   | 4.96   |            |         |
| 12210.00  | 8980.00 | 12443.02 | 8980.00 | 65.69           | 65.62  | 90.09           | 3490.47 | 648.45  | 646.63   | 515.33   | 4.93   |            |         |
| 12240.00  | 8980.00 | 12473.02 | 8980.00 | 66.21           | 66.14  | 90.09           | 3520.47 | 648.31  | 646.57   | 514.24   | 4.89   |            |         |
| 12270.00  | 8980.00 | 12503.02 | 8980.00 | 66.73           | 66.66  | 90.09           | 3550.47 | 648.17  | 646.52   | 513.14   | 4.85   |            |         |
| 12300.00  | 8980.00 | 12533.02 | 8980.00 | 67.26           | 67.19  | 90.09           | 3580.47 | 648.04  | 646.47   | 512.05   | 4.81   |            |         |
| 12330.00  | 8980.00 | 12563.02 | 8980.00 | 67.78           | 67.71  | 90.09           | 3610.47 | 647.90  | 646.42   | 510.96   | 4.77   |            |         |
| 12360.00  | 8980.00 | 12593.02 | 8980.00 | 68.30           | 68.23  | 90.09           | 3640.47 | 647.76  | 646.37   | 509.86   | 4.73   |            |         |
| 12390.00  | 8980.00 | 12623.02 | 8980.00 | 68.82           | 68.75  | 90.09           | 3670.47 | 647.63  | 646.33   | 508.77   | 4.70   |            |         |
| 12420.00  | 8980.00 | 12653.02 | 8980.00 | 69.35           | 69.27  | 90.09           | 3700.47 | 647.49  | 646.29   | 507.68   | 4.66   |            |         |
| 12450.00  | 8980.00 | 12683.02 | 8980.00 | 69.87           | 69.80  | 90.09           | 3730.47 | 647.35  | 646.24   | 506.59   | 4.63   |            |         |
| 12480.00  | 8980.00 | 12713.02 | 8980.00 | 70.40           | 70.32  | 90.09           | 3760.46 | 647.21  | 646.20   | 505.50   | 4.59   |            |         |
| 12510.00  | 8980.00 | 12743.02 | 8980.00 | 70.92           | 70.85  | 90.09           | 3790.46 | 647.08  | 646.17   | 504.42   | 4.56   |            |         |
| 12540.00  | 8980.00 | 12773.02 | 8980.00 | 71.45           | 71.37  | 90.09           | 3820.46 | 646.94  | 646.13   | 503.33   | 4.52   |            |         |
| 12570.00  | 8980.00 | 12803.02 | 8980.00 | 71.97           | 71.89  | 90.09           | 3850.46 | 646.80  | 646.09   | 502.24   | 4.49   |            |         |
| 12600.00  | 8980.00 | 12833.02 | 8980.00 | 72.50           | 72.42  | 90.09           | 3880.46 | 646.66  | 646.06   | 501.16   | 4.46   |            |         |
| 12630.00  | 8980.00 | 12863.02 | 8980.00 | 73.02           | 72.95  | 90.09           | 3910.46 | 646.53  | 646.03   | 500.08   | 4.43   |            |         |
| 12660.00  | 8980.00 | 12893.02 | 8980.00 | 73.55           | 73.47  | 90.09           | 3940.46 | 646.39  | 646.00   | 498.99   | 4.39   |            |         |
| 12690.00  | 8980.00 | 12923.02 | 8980.00 | 74.08           | 74.00  | 90.09           | 3970.46 | 646.25  | 645.97   | 497.91   | 4.36   |            |         |
| 12720.00  | 8980.00 | 12953.02 | 8980.00 | 74.61           | 74.52  | 90.09           | 4000.46 | 646.12  | 645.94   | 496.83   | 4.33   |            |         |
| 12750.00  | 8980.00 | 12983.02 | 8980.00 | 75.13           | 75.05  | 90.09           | 4030.46 | 645.98  | 645.92   | 495.75   | 4.30   |            |         |
| 12780.00  | 8980.00 | 13013.02 | 8980.00 | 75.66           | 75.58  | 90.09           | 4060.46 | 645.84  | 645.90   | 494.68   | 4.27   |            |         |
| 12810.00  | 8980.00 | 13043.02 | 8980.00 | 76.19           | 76.10  | 90.09           | 4090.46 | 645.70  | 645.88   | 493.60   | 4.24   |            |         |
| 12840.00  | 8980.00 | 13073.02 | 8980.00 | 76.72           | 76.63  | 90.09           | 4120.46 | 645.57  | 645.86   | 492.53   | 4.21   |            |         |
| 12870.00  | 8980.00 | 13103.02 | 8980.00 | 77.25           | 77.16  | 90.09           | 4150.46 | 645.43  | 645.84   | 491.45   | 4.18   |            |         |
| 12900.00  | 8980.00 | 13133.02 | 8980.00 | 77.77           | 77.69  | 90.09           | 4180.46 | 645.29  | 645.82   | 490.38   | 4.15   |            |         |
| 12930.00  | 8980.00 | 13163.02 | 8980.00 | 78.30           | 78.22  | 90.09           | 4210.46 | 645.15  | 645.81   | 489.31   | 4.13   |            |         |
| 12960.00  | 8980.00 | 13193.02 | 8980.00 | 78.83           | 78.75  | 90.09           | 4240.46 | 645.02  | 645.80   | 488.24   | 4.10   |            |         |
| 12990.00  | 8980.00 | 13223.02 | 8980.00 | 79.36           | 79.27  | 90.09           | 4270.46 | 644.88  | 645.79   | 487.17   | 4.07   |            |         |
| 13020.00  | 8980.00 | 13253.02 | 8980.00 | 79.89           | 79.80  | 90.09           | 4300.46 | 644.74  | 645.78   | 486.10   | 4.04   |            |         |
| 13050.00  | 8980.00 | 13283.02 | 8980.00 | 80.42           | 80.33  | 90.09           | 4330.46 | 644.60  | 645.77   | 485.03   | 4.02   |            |         |
| 13080.00  | 8980.00 | 13313.02 | 8980.00 | 80.95           | 80.86  | 90.09           | 4360.46 | 644.47  | 645.77   | 483.97   | 3.99   |            |         |
| 13110.00  | 8980.00 | 13343.02 | 8980.00 | 81.48           | 81.39  | 90.09           | 4390.46 | 644.33  | 645.76   | 482.90   | 3.97   |            |         |
| 13140.00  | 8980.00 | 13373.02 | 8980.00 | 82.01           | 81.92  | 90.09           | 4420.46 | 644.19  | 645.76   | 481.84   | 3.94   |            |         |
| 13170.00  | 8980.00 | 13403.02 | 8980.00 | 82.55           | 82.45  | 90.09           | 4450.46 | 644.06  | 645.76   | 480.78   | 3.91   |            |         |
| 13200.00  | 8980.00 | 13433.02 | 8980.00 | 83.08           | 82.98  | 90.09           | 4480.46 | 643.92  | 645.76   | 479.72   | 3.89   |            |         |
| 13230.00  | 8980.00 | 13463.02 | 8980.00 | 83.61           | 83.52  | 90.09           | 4510.46 | 643.78  | 645.76   | 478.66   | 3.86   |            |         |
| 13260.00  | 8980.00 | 13493.02 | 8980.00 | 84.14           | 84.05  | 90.09           | 4540.46 | 643.64  | 645.77   | 477.60   | 3.84   |            |         |
| 13290.00  | 8980.00 | 13523.02 | 8980.00 | 84.67           | 84.58  | 90.09           | 4570.46 | 643.51  | 645.78   | 476.54   | 3.82   |            |         |
| 13320.00  | 8980.00 | 13553.02 | 8980.00 | 85.20           | 85.11  | 90.09           | 4600.46 | 643.37  | 645.78   | 475.49   | 3.79   |            |         |
| 13350.00  | 8980.00 | 13583.02 | 8980.00 | 85.74           | 85.64  | 90.09           | 4630.46 | 643.23  | 645.79   | 474.43   | 3.77   |            |         |
| 13380.00  | 8980.00 | 13613.02 | 8980.00 | 86.27           | 86.17  | 90.09           | 4660.46 | 643.09  | 645.81   | 473.38   | 3.75   |            |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co. NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1  
Date: 11/1/2010  
Time: 12:19:33  
Page: 21  
Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H. Grid North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference MD<br>ft | Reference TVD<br>ft | Offset MD<br>ft | Offset TVD<br>ft | Semi-Major Axis Ref<br>ft | Semi-Major Axis Offset<br>ft | TFO-IHS<br>deg | Offset Location North<br>ft | Offset Location East<br>ft | Ctr-Ctr Distance<br>ft | Edge Distance<br>ft | Separation Factor | Warning |
|--------------------|---------------------|-----------------|------------------|---------------------------|------------------------------|----------------|-----------------------------|----------------------------|------------------------|---------------------|-------------------|---------|
| 13410.00           | 8980.00             | 13643.02        | 8980.00          | 86.80                     | 86.71                        | 90.09          | 4690.45                     | 642.96                     | 645.82                 | 472.33              | 3.72              |         |
| 13440.00           | 8980.00             | 13673.02        | 8980.00          | 87.34                     | 87.24                        | 90.09          | 4720.45                     | 642.82                     | 645.84                 | 471.28              | 3.70              |         |
| 13470.00           | 8980.00             | 13703.02        | 8980.00          | 87.87                     | 87.77                        | 90.09          | 4750.45                     | 642.68                     | 645.85                 | 470.23              | 3.68              |         |
| 13500.00           | 8980.00             | 13733.02        | 8980.00          | 88.40                     | 88.30                        | 90.09          | 4780.45                     | 642.55                     | 645.87                 | 469.18              | 3.66              |         |
| 13530.00           | 8980.00             | 13763.02        | 8980.00          | 88.94                     | 88.84                        | 90.09          | 4810.45                     | 642.41                     | 645.89                 | 468.14              | 3.63              |         |
| 13560.00           | 8980.00             | 13793.02        | 8980.00          | 89.47                     | 89.37                        | 90.09          | 4840.45                     | 642.27                     | 645.91                 | 467.09              | 3.61              |         |
| 13590.00           | 8980.00             | 13823.02        | 8980.00          | 90.00                     | 89.90                        | 90.09          | 4870.45                     | 642.13                     | 645.94                 | 466.05              | 3.59              |         |
| 13620.00           | 8980.00             | 13853.02        | 8980.00          | 90.54                     | 90.44                        | 90.09          | 4900.45                     | 642.00                     | 645.96                 | 465.01              | 3.57              |         |
| 13650.00           | 8980.00             | 13883.02        | 8980.00          | 91.07                     | 90.97                        | 90.09          | 4930.45                     | 641.86                     | 645.99                 | 463.97              | 3.55              |         |
| 13680.00           | 8980.00             | 13913.02        | 8980.00          | 91.61                     | 91.50                        | 90.09          | 4960.45                     | 641.72                     | 646.02                 | 462.93              | 3.53              |         |
| 13710.00           | 8980.00             | 13943.02        | 8980.00          | 92.14                     | 92.04                        | 90.09          | 4990.45                     | 641.58                     | 646.05                 | 461.89              | 3.51              |         |
| 13740.00           | 8980.00             | 13973.02        | 8980.00          | 92.68                     | 92.57                        | 90.09          | 5020.45                     | 641.45                     | 646.09                 | 460.85              | 3.49              |         |
| 13770.00           | 8980.00             | 14003.02        | 8980.00          | 93.21                     | 93.11                        | 90.09          | 5050.45                     | 641.31                     | 646.12                 | 459.82              | 3.47              |         |
| 13800.00           | 8980.00             | 14033.02        | 8980.00          | 93.75                     | 93.64                        | 90.09          | 5080.45                     | 641.17                     | 646.16                 | 458.78              | 3.45              |         |
| 13830.00           | 8980.00             | 14063.02        | 8980.00          | 94.28                     | 94.18                        | 90.09          | 5110.45                     | 641.04                     | 646.19                 | 457.75              | 3.43              |         |
| 13860.00           | 8980.00             | 14093.02        | 8980.00          | 94.82                     | 94.71                        | 90.09          | 5140.45                     | 640.90                     | 646.23                 | 456.72              | 3.41              |         |
| 13890.00           | 8980.00             | 14123.02        | 8980.00          | 95.35                     | 95.25                        | 90.09          | 5170.45                     | 640.76                     | 646.28                 | 455.69              | 3.39              |         |
| 13920.00           | 8980.00             | 14153.02        | 8980.00          | 95.89                     | 95.78                        | 90.09          | 5200.45                     | 640.62                     | 646.32                 | 454.66              | 3.37              |         |
| 13950.00           | 8980.00             | 14183.02        | 8979.99          | 96.42                     | 96.32                        | 90.09          | 5230.45                     | 640.49                     | 646.36                 | 453.64              | 3.35              |         |
| 13980.00           | 8980.00             | 14213.02        | 8979.99          | 96.96                     | 96.85                        | 90.09          | 5260.45                     | 640.35                     | 646.41                 | 452.61              | 3.34              |         |
| 14010.00           | 8980.00             | 14243.02        | 8979.99          | 97.50                     | 97.39                        | 90.09          | 5290.45                     | 640.21                     | 646.46                 | 451.59              | 3.32              |         |
| 14040.00           | 8980.00             | 14273.02        | 8979.99          | 98.03                     | 97.92                        | 90.09          | 5320.45                     | 640.07                     | 646.51                 | 450.57              | 3.30              |         |
| 14070.00           | 8980.00             | 14303.02        | 8979.99          | 98.57                     | 98.46                        | 90.09          | 5350.45                     | 639.94                     | 646.56                 | 449.55              | 3.28              |         |
| 14100.00           | 8980.00             | 14333.02        | 8979.99          | 99.10                     | 98.99                        | 90.09          | 5380.45                     | 639.80                     | 646.62                 | 448.53              | 3.26              |         |
| 14130.00           | 8980.00             | 14363.02        | 8979.99          | 99.64                     | 99.53                        | 90.09          | 5410.45                     | 639.66                     | 646.67                 | 447.51              | 3.25              |         |
| 14160.00           | 8980.00             | 14393.02        | 8979.99          | 100.18                    | 100.07                       | 90.09          | 5440.45                     | 639.52                     | 646.73                 | 446.50              | 3.23              |         |
| 14190.00           | 8980.00             | 14423.02        | 8979.99          | 100.72                    | 100.60                       | 90.09          | 5470.45                     | 639.39                     | 646.79                 | 445.48              | 3.21              |         |
| 14220.00           | 8980.00             | 14453.02        | 8979.99          | 101.25                    | 101.14                       | 90.09          | 5500.45                     | 639.25                     | 646.85                 | 444.47              | 3.20              |         |
| 14250.00           | 8980.00             | 14483.02        | 8979.99          | 101.79                    | 101.68                       | 90.09          | 5530.45                     | 639.11                     | 646.91                 | 443.46              | 3.18              |         |
| 14280.00           | 8980.00             | 14513.02        | 8979.99          | 102.33                    | 102.21                       | 90.09          | 5560.44                     | 638.98                     | 646.97                 | 442.45              | 3.16              |         |
| 14310.00           | 8980.00             | 14543.02        | 8979.99          | 102.86                    | 102.75                       | 90.09          | 5590.44                     | 638.84                     | 647.04                 | 441.44              | 3.15              |         |
| 14340.00           | 8980.00             | 14573.02        | 8979.99          | 103.40                    | 103.29                       | 90.09          | 5620.44                     | 638.70                     | 647.11                 | 440.43              | 3.13              |         |
| 14370.00           | 8980.00             | 14603.02        | 8979.99          | 103.94                    | 103.82                       | 90.09          | 5650.44                     | 638.56                     | 647.18                 | 439.43              | 3.12              |         |
| 14400.00           | 8980.00             | 14633.02        | 8979.99          | 104.48                    | 104.36                       | 90.09          | 5680.44                     | 638.43                     | 647.25                 | 438.42              | 3.10              |         |
| 14430.00           | 8980.00             | 14663.02        | 8979.99          | 105.02                    | 104.90                       | 90.09          | 5710.44                     | 638.29                     | 647.32                 | 437.42              | 3.08              |         |
| 14460.00           | 8980.00             | 14693.02        | 8979.99          | 105.55                    | 105.44                       | 90.09          | 5740.44                     | 638.15                     | 647.39                 | 436.42              | 3.07              |         |
| 14490.00           | 8980.00             | 14723.02        | 8979.99          | 106.09                    | 105.97                       | 90.09          | 5770.44                     | 638.01                     | 647.47                 | 435.42              | 3.05              |         |
| 14520.00           | 8980.00             | 14753.02        | 8979.99          | 106.63                    | 106.51                       | 90.09          | 5800.44                     | 637.88                     | 647.55                 | 434.42              | 3.04              |         |
| 14550.00           | 8980.00             | 14783.02        | 8979.99          | 107.17                    | 107.05                       | 90.09          | 5830.44                     | 637.74                     | 647.63                 | 433.42              | 3.02              |         |
| 14580.00           | 8980.00             | 14813.02        | 8979.99          | 107.71                    | 107.59                       | 90.09          | 5860.44                     | 637.60                     | 647.71                 | 432.43              | 3.01              |         |
| 14610.00           | 8980.00             | 14843.02        | 8979.99          | 108.25                    | 108.12                       | 90.09          | 5890.44                     | 637.47                     | 647.79                 | 431.44              | 2.99              |         |
| 14640.00           | 8980.00             | 14873.02        | 8979.99          | 108.78                    | 108.66                       | 90.09          | 5920.44                     | 637.33                     | 647.88                 | 430.44              | 2.98              |         |
| 14670.00           | 8980.00             | 14903.02        | 8979.99          | 109.32                    | 109.20                       | 90.09          | 5950.44                     | 637.19                     | 647.97                 | 429.45              | 2.97              |         |
| 14700.00           | 8980.00             | 14933.02        | 8979.99          | 109.86                    | 109.74                       | 90.09          | 5980.44                     | 637.05                     | 648.05                 | 428.47              | 2.95              |         |
| 14730.00           | 8980.00             | 14963.02        | 8979.99          | 110.40                    | 110.28                       | 90.09          | 6010.44                     | 636.92                     | 648.14                 | 427.48              | 2.94              |         |
| 14760.00           | 8980.00             | 14993.02        | 8979.99          | 110.94                    | 110.82                       | 90.09          | 6040.44                     | 636.78                     | 648.24                 | 426.49              | 2.92              |         |
| 14790.00           | 8980.00             | 15023.02        | 8979.99          | 111.48                    | 111.35                       | 90.09          | 6070.44                     | 636.64                     | 648.33                 | 425.51              | 2.91              |         |
| 14820.00           | 8980.00             | 15053.02        | 8979.99          | 112.02                    | 111.89                       | 90.09          | 6100.44                     | 636.50                     | 648.43                 | 424.53              | 2.90              |         |
| 14850.00           | 8980.00             | 15083.02        | 8979.99          | 112.56                    | 112.43                       | 90.09          | 6130.44                     | 636.37                     | 648.52                 | 423.55              | 2.88              |         |
| 14880.00           | 8980.00             | 15113.02        | 8979.99          | 113.10                    | 112.97                       | 90.09          | 6160.44                     | 636.23                     | 648.62                 | 422.57              | 2.87              |         |
| 14910.00           | 8980.00             | 15143.02        | 8979.99          | 113.64                    | 113.51                       | 90.09          | 6190.44                     | 636.09                     | 648.72                 | 421.59              | 2.86              |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co. NM (NAD 83)  
Reference Site: Cotton Draw Unit #136H  
Reference Well: Cotton Draw Unit #136H  
Reference Wellpath: 1

Date: 11/1/2010  
Time: 12:19:33  
Page: 22

Co-ordinate(NE) Reference: Well: Cotton Draw Unit #136H, Grid: North  
Vertical (TVD) Reference: SITE 3446.0  
Db: Sybase

Site: Cotton Draw Unit #137H  
Well: Cotton Draw Unit #137H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference<br>MD<br>ft | TVD<br>ft | Offset   |           | Semi-Major Axis |              | TFO-HS<br>deg | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------------------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
|                       |           | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft |               | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 14940.00              | 8980.00   | 15173.02 | 8979.99   | 114.18          | 114.05       | 90.09         | 6220.44         | 635.96     | 648.82                    | 420.61                 | 2.84                 |         |
| 14970.00              | 8980.00   | 15203.02 | 8979.99   | 114.72          | 114.59       | 90.09         | 6250.43         | 635.82     | 648.93                    | 419.64                 | 2.83                 |         |
| 15000.00              | 8980.00   | 15233.02 | 8979.99   | 115.26          | 115.13       | 90.09         | 6280.43         | 635.68     | 649.03                    | 418.66                 | 2.82                 |         |
| 15030.00              | 8980.00   | 15263.02 | 8979.99   | 115.80          | 115.67       | 90.09         | 6310.43         | 635.54     | 649.14                    | 417.69                 | 2.80                 |         |
| 15060.00              | 8980.00   | 15293.02 | 8979.99   | 116.34          | 116.21       | 90.09         | 6340.43         | 635.41     | 649.25                    | 416.72                 | 2.79                 |         |
| 15090.00              | 8980.00   | 15323.02 | 8979.99   | 116.88          | 116.74       | 90.09         | 6370.43         | 635.27     | 649.36                    | 415.75                 | 2.78                 |         |
| 15120.00              | 8980.00   | 15353.02 | 8979.99   | 117.42          | 117.28       | 90.09         | 6400.43         | 635.13     | 649.47                    | 414.79                 | 2.77                 |         |
| 15150.00              | 8980.00   | 15383.02 | 8979.99   | 117.96          | 117.82       | 90.09         | 6430.43         | 634.99     | 649.59                    | 413.82                 | 2.76                 |         |
| 15180.00              | 8980.00   | 15413.01 | 8979.99   | 118.50          | 118.36       | 90.09         | 6460.43         | 634.86     | 649.71                    | 412.86                 | 2.74                 |         |
| 15210.00              | 8980.00   | 15443.01 | 8979.99   | 119.04          | 118.90       | 90.09         | 6490.43         | 634.72     | 649.82                    | 411.90                 | 2.73                 |         |
| 15240.00              | 8980.00   | 15473.01 | 8979.99   | 119.58          | 119.44       | 90.09         | 6520.43         | 634.58     | 649.94                    | 410.93                 | 2.72                 |         |
| 15270.00              | 8980.00   | 15503.01 | 8979.99   | 120.12          | 119.98       | 90.09         | 6550.43         | 634.44     | 650.06                    | 409.98                 | 2.71                 |         |
| 15300.00              | 8980.00   | 15533.01 | 8979.99   | 120.66          | 120.52       | 90.09         | 6580.43         | 634.31     | 650.19                    | 409.02                 | 2.70                 |         |
| 15330.00              | 8980.00   | 15563.01 | 8979.99   | 121.20          | 121.06       | 90.09         | 6610.43         | 634.17     | 650.31                    | 408.06                 | 2.68                 |         |
| 15360.00              | 8980.00   | 15593.01 | 8979.99   | 121.74          | 121.60       | 90.09         | 6640.43         | 634.03     | 650.44                    | 407.11                 | 2.67                 |         |
| 15390.00              | 8980.00   | 15623.01 | 8979.99   | 122.28          | 122.14       | 90.09         | 6670.43         | 633.90     | 650.57                    | 406.16                 | 2.66                 |         |
| 15420.00              | 8980.00   | 15653.01 | 8979.99   | 122.82          | 122.68       | 90.09         | 6700.43         | 633.76     | 650.70                    | 405.20                 | 2.65                 |         |
| 15450.00              | 8980.00   | 15683.01 | 8979.99   | 123.36          | 123.22       | 90.09         | 6730.43         | 633.62     | 650.83                    | 404.25                 | 2.64                 |         |
| 15480.00              | 8980.00   | 15713.01 | 8979.99   | 123.90          | 123.76       | 90.09         | 6760.43         | 633.48     | 650.96                    | 403.31                 | 2.63                 |         |
| 15510.00              | 8980.00   | 15743.01 | 8979.99   | 124.45          | 124.30       | 90.09         | 6790.42         | 633.35     | 651.10                    | 402.36                 | 2.62                 |         |
| 15540.00              | 8980.00   | 15773.01 | 8979.99   | 124.99          | 124.85       | 90.09         | 6820.42         | 633.21     | 651.24                    | 401.42                 | 2.61                 |         |
| 15570.00              | 8980.00   | 15803.01 | 8979.99   | 125.53          | 125.39       | 90.09         | 6850.42         | 633.07     | 651.38                    | 400.47                 | 2.60                 |         |
| 15600.00              | 8980.00   | 15833.01 | 8979.99   | 126.07          | 125.93       | 90.09         | 6880.42         | 632.93     | 651.52                    | 399.53                 | 2.59                 |         |
| 15630.00              | 8980.00   | 15863.01 | 8979.99   | 126.61          | 126.47       | 90.09         | 6910.42         | 632.80     | 651.66                    | 398.59                 | 2.58                 |         |
| 15660.00              | 8980.00   | 15893.01 | 8979.99   | 127.15          | 127.01       | 90.09         | 6940.42         | 632.66     | 651.80                    | 397.65                 | 2.56                 |         |
| 15690.00              | 8980.00   | 15923.01 | 8979.99   | 127.69          | 127.55       | 90.09         | 6970.42         | 632.52     | 651.95                    | 396.72                 | 2.55                 |         |
| 15720.00              | 8980.00   | 15953.01 | 8979.99   | 128.24          | 128.09       | 90.09         | 7000.42         | 632.39     | 652.10                    | 395.78                 | 2.54                 |         |
| 15750.00              | 8980.00   | 15983.01 | 8979.99   | 128.78          | 128.63       | 90.09         | 7030.42         | 632.25     | 652.25                    | 394.85                 | 2.53                 |         |
| 15780.00              | 8980.00   | 16013.01 | 8979.99   | 129.32          | 129.17       | 90.09         | 7060.42         | 632.11     | 652.40                    | 393.92                 | 2.52                 |         |
| 15810.00              | 8980.00   | 16043.01 | 8979.99   | 129.86          | 129.71       | 90.09         | 7090.42         | 631.97     | 652.55                    | 392.99                 | 2.51                 |         |
| 15840.00              | 8980.00   | 16073.01 | 8979.99   | 130.40          | 130.25       | 90.09         | 7120.42         | 631.84     | 652.70                    | 392.06                 | 2.50                 |         |
| 15870.00              | 8980.00   | 16103.01 | 8979.99   | 130.94          | 130.80       | 90.09         | 7150.42         | 631.70     | 652.86                    | 391.13                 | 2.49                 |         |
| 15900.00              | 8980.00   | 16133.01 | 8979.99   | 131.49          | 131.34       | 90.09         | 7180.42         | 631.56     | 653.02                    | 390.21                 | 2.48                 |         |
| 15930.00              | 8980.00   | 16163.01 | 8979.99   | 132.03          | 131.88       | 90.09         | 7210.42         | 631.42     | 653.18                    | 389.28                 | 2.48                 |         |
| 15960.00              | 8980.00   | 16193.01 | 8979.99   | 132.57          | 132.42       | 90.09         | 7240.41         | 631.29     | 653.34                    | 388.36                 | 2.47                 |         |
| 15990.00              | 8980.00   | 16223.01 | 8979.99   | 133.11          | 132.96       | 90.09         | 7270.41         | 631.15     | 653.50                    | 387.44                 | 2.46                 |         |
| 16020.00              | 8980.00   | 16253.01 | 8979.99   | 133.65          | 133.50       | 90.09         | 7300.41         | 631.01     | 653.67                    | 386.52                 | 2.45                 |         |
| 16050.00              | 8980.00   | 16283.01 | 8979.99   | 134.20          | 134.04       | 90.09         | 7330.41         | 630.88     | 653.83                    | 385.60                 | 2.44                 |         |
| 16080.00              | 8980.00   | 16313.00 | 8979.99   | 134.74          | 134.59       | 90.09         | 7360.41         | 630.74     | 654.00                    | 384.69                 | 2.43                 |         |
| 16110.00              | 8980.00   | 16343.00 | 8979.99   | 135.28          | 135.13       | 90.09         | 7390.41         | 630.60     | 654.17                    | 383.77                 | 2.42                 |         |
| 16140.00              | 8980.00   | 16373.00 | 8979.99   | 135.82          | 135.67       | 90.09         | 7420.41         | 630.46     | 654.34                    | 382.86                 | 2.41                 |         |
| 16170.00              | 8980.00   | 16403.00 | 8979.99   | 136.37          | 136.21       | 90.09         | 7450.41         | 630.33     | 654.52                    | 381.95                 | 2.40                 |         |
| 16200.00              | 8980.00   | 16433.00 | 8979.99   | 136.91          | 136.75       | 90.09         | 7480.41         | 630.19     | 654.69                    | 381.04                 | 2.39                 |         |
| 16230.00              | 8980.00   | 16463.00 | 8979.99   | 137.45          | 137.29       | 90.09         | 7510.41         | 630.05     | 654.87                    | 380.13                 | 2.38                 |         |
| 16260.00              | 8980.00   | 16493.00 | 8979.99   | 137.99          | 137.84       | 90.09         | 7540.41         | 629.91     | 655.05                    | 379.23                 | 2.37                 |         |
| 16290.00              | 8980.00   | 16523.00 | 8979.99   | 138.54          | 138.38       | 90.09         | 7570.41         | 629.78     | 655.23                    | 378.32                 | 2.37                 |         |
| 16320.00              | 8980.00   | 16553.00 | 8979.99   | 139.08          | 138.92       | 90.09         | 7600.40         | 629.64     | 655.41                    | 377.42                 | 2.36                 |         |
| 16350.00              | 8980.00   | 16583.00 | 8979.99   | 139.62          | 139.46       | 90.09         | 7630.40         | 629.50     | 655.60                    | 376.52                 | 2.35                 |         |
| 16380.00              | 8980.00   | 16613.00 | 8979.99   | 140.17          | 140.00       | 90.09         | 7660.40         | 629.36     | 655.78                    | 375.62                 | 2.34                 |         |
| 16410.00              | 8980.00   | 16643.00 | 8979.99   | 140.71          | 140.55       | 90.09         | 7690.40         | 629.23     | 655.97                    | 374.72                 | 2.33                 |         |
| 16412.34              | 8980.00   | 16645.34 | 8979.99   | 140.75          | 140.59       | 90.09         | 7692.74         | 629.22     | 655.98                    | 374.65                 | 2.33                 |         |

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

GeoDec v5.03

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Report Date: November 01, 2010  
Job Number: \_\_\_\_\_  
Customer: Devon Energy  
Well Name: Cotton Draw Unit #136H  
API Number: \_\_\_\_\_  
Rig Name: \_\_\_\_\_  
Location: Eddy Co, NM  
Block: \_\_\_\_\_  
Engineer: R Joyner

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|                                              |                                             |
|----------------------------------------------|---------------------------------------------|
| 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 419733.720 USFT                  | Latitude 32.1525906 DEG                     |
| East/West 721286.800 USFT                    | Longitude -103.7518687 DEG                  |
| Grid Convergence: .31°                       |                                             |
| Total Correction: +7.39°                     |                                             |

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|                         |              |                       |
|-------------------------|--------------|-----------------------|
| Geodetic Location WGS84 | Elevation =  | 0.0 Meters            |
| Latitude =              | 32.15259° N  | 32° 9 min 9.326 sec   |
| Longitude =             | 103.75187° W | 103° 45 min 6.727 sec |

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|                        |              |                              |
|------------------------|--------------|------------------------------|
| Magnetic Declination = | 7.70°        | [True North Offset]          |
| Local Gravity =        | .9988 g      | Checksum = 6503              |
| Local Field Strength = | 48600 nT     | Magnetic Vector X = 24012 nT |
| Magnetic Dip =         | 60.10°       | Magnetic Vector Y = 3245 nT  |
| Magnetic Model =       | IGRF-2010g11 | Magnetic Vector Z = 42129 nT |
| Spud Date =            | Mar 15, 2011 | Magnetic Vector H = 24230 nT |

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

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



**Weatherford®**

## **Drilling Services**

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## **Proposal**

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**devon**

**COTTON DRAW UNIT #137H**

**EDDY COUNTY, NM**

**WELL FILE: PLAN 1**

**NOVEMBER 1, 2010**

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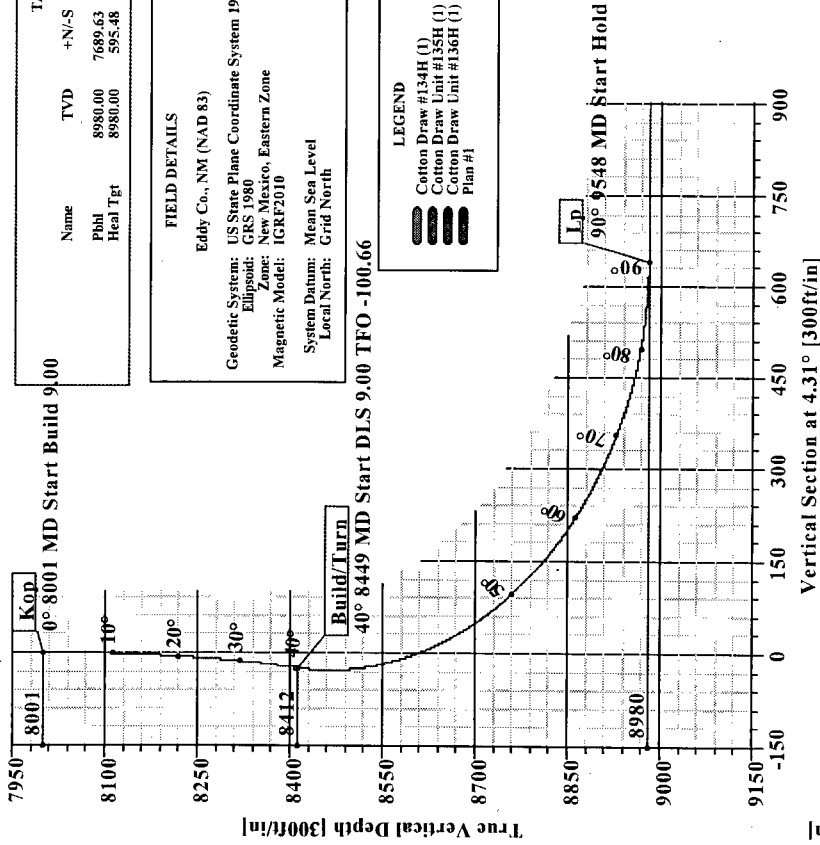
**Weatherford International, Ltd.**

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 Unit #137H Eddy Co., NM

KB ELEV: 3445  
GL ELEV: 3420



## SECTION DETAILS

| Sec | MD       | Inc   | Azi    | TVD     | +N/-S   | +E/-W  | DLeg | TFace   | VSec    | Target   |
|-----|----------|-------|--------|---------|---------|--------|------|---------|---------|----------|
| 1   | 0.00     | 0.00  | 0.00   | 0.00    | 0.00    | 0.00   | 0.00 | 0.00    | 0.00    |          |
| 2   | 8000.56  | 0.00  | 0.00   | 8000.56 | 0.00    | 0.00   | 0.00 | 0.00    | 0.00    |          |
| 3   | 8448.57  | 40.32 | 103.60 | 8412.49 | -35.57  | 147.00 | 9.00 | 103.60  | -24.43  |          |
| 4   | 9547.68  | 90.00 | 359.74 | 8980.00 | 595.48  | 611.72 | 9.00 | -100.66 | 639.75  | Heal Tgt |
| 5   | 16641.91 | 90.00 | 359.74 | 8980.00 | 7689.63 | 579.26 | 0.00 | 0.00    | 7711.42 | Pbhl     |

## WELL DETAILS

| Name                   | +N/-S | +E/-W | Northing  | Easting   | Latitude      | Longitude      | Slot |
|------------------------|-------|-------|-----------|-----------|---------------|----------------|------|
| Cotton Draw Unit #137H | 0.00  | 0.00  | 419733.40 | 721336.78 | 32°09'09.312N | 103°45'06.163W | N/A  |

## TARGET DETAILS

| Name     | TVD     | +N/-S   | +E/-W  | Northing  | Easting   | Shape |
|----------|---------|---------|--------|-----------|-----------|-------|
| Pbhl     | 8980.00 | 7689.63 | 579.26 | 427423.03 | 721916.04 | Point |
| Heal Tgt | 8980.00 | 595.48  | 611.72 | 420328.88 | 721948.50 | Point |

## FIELD DETAILS

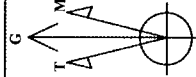
Eddy Co., NM (NAD 83)  
Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico, Eastern Zone  
Magnetic Model: IGRF2010  
System Datum: Mean Sea Level  
Local North: Grid North

## SITE DETAILS

Cotton Draw Unit #137H  
Site Centre Northing: 419733.40  
Easting: 721336.78  
Ground Level: 3420.00  
Positional Uncertainty: 0.00  
Convergence: 0.31

## LEGEND

- Cotton Draw #134H (1)
- Cotton Draw Unit #135H (1)
- Cotton Draw Unit #136H (1)
- Plan #1

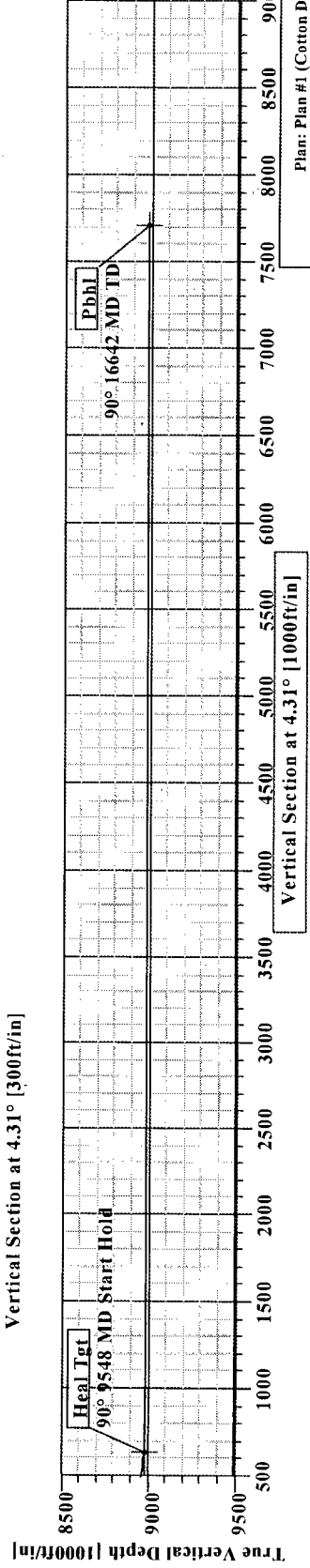
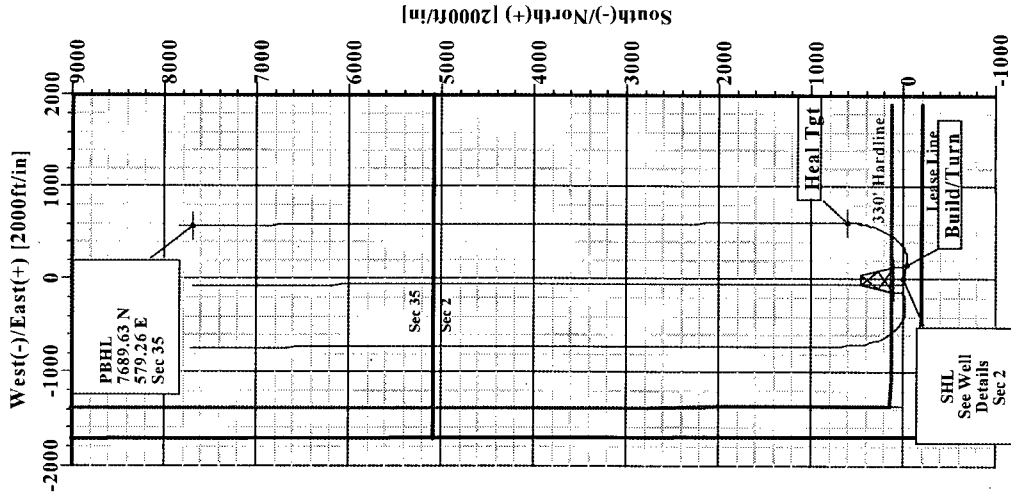


Azimuths to Grid North  
True North: -0.31°  
Magnetic North: 7.39°  
Strength: 48500 nT  
Dip Angle: 60.10°  
Date: 3/15/2011  
Model: IGRF2010

Total Correction to Grid North: 7.39°



Weatherford





# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|                                     |                                                                            |                       |                |
|-------------------------------------|----------------------------------------------------------------------------|-----------------------|----------------|
| <b>Company:</b> Devon Energy        | <b>Date:</b> 11/1/2010                                                     | <b>Time:</b> 12:34:37 | <b>Page:</b> 1 |
| <b>Field:</b> Eddy Co., NM (NAD 83) | <b>Co-ordinate(NE) Reference:</b> Well: Cotton Draw Unit #137H, Grid North |                       |                |
| <b>Site:</b> Cotton Draw Unit #137H | <b>Vertical (TVD) Reference:</b> SITE 3445.0                               |                       |                |
| <b>Well:</b> Cotton Draw Unit #137H | <b>Section (VS) Reference:</b> Well (0.00N;0.00E;4.31Azi)                  |                       |                |
| <b>Wellpath:</b> 1                  | <b>Survey Calculation Method:</b> Minimum Curvature                        | <b>Db:</b> Sybase     |                |

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Plan:</b> Plan #1  | <b>Date Composed:</b> 10/29/2010 |
| <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 Unit #137H                                 |
| <b>Site Position:</b> Northing: 419733.40 ft Latitude: 32 9 9.312 N |
| <b>From:</b> Map Easting: 721336.78 ft Longitude: 103 45 6.163 W    |
| <b>Position Uncertainty:</b> 0.00 ft North Reference: Grid          |
| <b>Ground Level:</b> 3420.00 ft Grid Convergence: 0.31 deg          |

|                                                                                   |                   |
|-----------------------------------------------------------------------------------|-------------------|
| <b>Well:</b> Cotton Draw Unit #137H                                               | <b>Slot Name:</b> |
| <b>Well Position:</b> +N/-S 0.00 ft Northing: 419733.40 ft Latitude: 32 9 9.312 N |                   |
| +E/-W 0.00 ft Easting: 721336.78 ft Longitude: 103 45 6.163 W                     |                   |
| <b>Position Uncertainty:</b> 0.00 ft                                              |                   |

|                                              |                                           |
|----------------------------------------------|-------------------------------------------|
| <b>Wellpath:</b> 1                           | <b>Drilled From:</b> Surface              |
| <b>Current Datum:</b> SITE                   | <b>Tie-on Depth:</b> 0.00 ft              |
| <b>Magnetic Data:</b> 3/15/2011              | <b>Above System Datum:</b> Mean Sea Level |
| <b>Field Strength:</b> 48604 nT              | <b>Declination:</b> 7.70 deg              |
| <b>Vertical Section:</b> Depth From (TVD) ft | <b>Mag Dip Angle:</b> 60.10 deg           |
|                                              | <b>+E/-W ft</b>                           |
| 0.00                                         | 0.00                                      |
|                                              | <b>Direction deg</b>                      |
|                                              | 4.31                                      |

| Plan Section Information |             |             |           |             |             |                  |                    |                   |            |          |
|--------------------------|-------------|-------------|-----------|-------------|-------------|------------------|--------------------|-------------------|------------|----------|
| MD<br>ft                 | Incl<br>deg | Azim<br>deg | TVD<br>ft | +N/-S<br>ft | +E/-W<br>ft | DLS<br>deg/100ft | Build<br>deg/100ft | Turn<br>deg/100ft | TFO<br>deg | Target   |
| 0.00                     | 0.00        | 0.00        | 0.00      | 0.00        | 0.00        | 0.00             | 0.00               | 0.00              | 0.00       |          |
| 8000.56                  | 0.00        | 0.00        | 8000.56   | 0.00        | 0.00        | 0.00             | 0.00               | 0.00              | 0.00       |          |
| 8448.57                  | 40.32       | 103.60      | 8412.49   | -35.57      | 147.00      | 9.00             | 9.00               | 0.00              | 103.60     |          |
| 9547.68                  | 90.00       | 359.74      | 8980.00   | 595.48      | 611.72      | 9.00             | 4.52               | -9.45             | -100.66    | Heal Tgt |
| 16641.91                 | 90.00       | 359.74      | 8980.00   | 7689.63     | 579.26      | 0.00             | 0.00               | 0.00              | 0.00       | Pbhl     |

| 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    |
| 8000.00  | 0.00        | 0.00        | 8000.00   | 0.00      | 0.00      | 0.00     | 0.00             | 419733.40  | 721336.78  |            |
| 8000.56  | 0.00        | 103.60      | 8000.56   | 0.00      | 0.00      | 0.00     | 0.00             | 419733.40  | 721336.78  | Kop        |
| 8100.00  | 8.95        | 103.60      | 8099.60   | -1.82     | 7.53      | -1.25    | 9.00             | 419731.58  | 721344.31  |            |
| 8200.00  | 17.95       | 103.60      | 8196.75   | -7.29     | 30.12     | -5.01    | 9.00             | 419726.11  | 721366.90  |            |
| 8300.00  | 26.95       | 103.60      | 8289.08   | -16.26    | 67.20     | -11.17   | 9.00             | 419717.14  | 721403.98  |            |
| 8400.00  | 35.95       | 103.60      | 8374.30   | -28.52    | 117.86    | -19.59   | 9.00             | 419704.88  | 721454.64  |            |
| 8448.57  | 40.32       | 103.60      | 8412.49   | -35.57    | 147.00    | -24.43   | 9.00             | 419697.83  | 721483.78  | Build/Turn |
| 8500.00  | 39.68       | 96.47       | 8451.91   | -41.34    | 179.51    | -27.74   | 9.00             | 419692.06  | 721516.29  |            |
| 8600.00  | 39.72       | 82.36       | 8529.01   | -40.68    | 243.03    | -22.31   | 9.00             | 419692.72  | 721579.81  |            |
| 8700.00  | 41.43       | 68.75       | 8605.11   | -24.41    | 305.66    | -1.38    | 9.00             | 419708.99  | 721642.44  |            |
| 8800.00  | 44.61       | 56.39       | 8678.35   | 7.08      | 365.86    | 34.54    | 9.00             | 419740.48  | 721702.64  |            |
| 8900.00  | 48.96       | 45.56       | 8746.92   | 53.01     | 422.15    | 84.57    | 9.00             | 419786.41  | 721758.93  |            |
| 9000.00  | 54.20       | 36.21       | 8809.12   | 112.26    | 473.13    | 147.48   | 9.00             | 419845.66  | 721809.91  |            |
| 9100.00  | 60.06       | 28.07       | 8863.44   | 183.36    | 517.57    | 221.72   | 9.00             | 419916.76  | 721854.35  |            |
| 9200.00  | 66.37       | 20.87       | 8908.53   | 264.56    | 554.35    | 305.45   | 9.00             | 419997.96  | 721891.13  |            |
| 9300.00  | 72.98       | 14.35       | 8943.28   | 353.86    | 582.57    | 396.62   | 9.00             | 420087.26  | 721919.35  |            |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|                                     |                                   |                                          |                   |
|-------------------------------------|-----------------------------------|------------------------------------------|-------------------|
| <b>Company:</b> Devon Energy        | <b>Date:</b> 11/1/2010            | <b>Time:</b> 12:34:37                    | <b>Page:</b> 2    |
| <b>Field:</b> Eddy Co., NM (NAD 83) | <b>Co-ordinate(NE) Reference:</b> | Well: Cotton Draw Unit #137H, Grid North |                   |
| <b>Site:</b> Cotton Draw Unit #137H | <b>Vertical (TVD) Reference:</b>  | SITE: 3445.0                             |                   |
| <b>Well:</b> Cotton Draw Unit #137H | <b>Section (VS) Reference:</b>    | Well: (0.00N, 0.00E, 4.31Azi)            |                   |
| <b>Wellpath:</b> 1                  | <b>Survey Calculation Method:</b> | Minimum Curvature                        | <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  |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|----------|
| 9400.00  | 79.78       | 8.28        | 8966.84   | 449.07    | 601.55    | 492.99   | 9.00             | 420182.47  | 721938.33  |          |
| 9500.00  | 86.69       | 2.47        | 8978.62   | 547.84    | 610.80    | 592.17   | 9.00             | 420281.24  | 721947.58  |          |
| 9547.68  | 90.00       | 359.74      | 8980.00   | 595.48    | 611.72    | 639.75   | 9.00             | 420328.88  | 721948.50  | Heal Tgt |
| 9600.00  | 90.00       | 359.74      | 8980.00   | 647.80    | 611.48    | 691.90   | 0.00             | 420381.20  | 721948.26  |          |
| 9700.00  | 90.00       | 359.74      | 8980.00   | 747.80    | 611.02    | 791.58   | 0.00             | 420481.20  | 721947.80  |          |
| 9800.00  | 90.00       | 359.74      | 8980.00   | 847.79    | 610.57    | 891.26   | 0.00             | 420581.19  | 721947.35  |          |
| 9900.00  | 90.00       | 359.74      | 8980.00   | 947.79    | 610.11    | 990.95   | 0.00             | 420681.19  | 721946.89  |          |
| 10000.00 | 90.00       | 359.74      | 8980.00   | 1047.79   | 609.65    | 1090.63  | 0.00             | 420781.19  | 721946.43  |          |
| 10100.00 | 90.00       | 359.74      | 8980.00   | 1147.79   | 609.19    | 1190.31  | 0.00             | 420881.19  | 721945.97  |          |
| 10200.00 | 90.00       | 359.74      | 8980.00   | 1247.79   | 608.73    | 1289.99  | 0.00             | 420981.19  | 721945.51  |          |
| 10300.00 | 90.00       | 359.74      | 8980.00   | 1347.79   | 608.28    | 1389.67  | 0.00             | 421081.19  | 721945.06  |          |
| 10400.00 | 90.00       | 359.74      | 8980.00   | 1447.79   | 607.82    | 1489.36  | 0.00             | 421181.19  | 721944.60  |          |
| 10500.00 | 90.00       | 359.74      | 8980.00   | 1547.79   | 607.36    | 1589.04  | 0.00             | 421281.19  | 721944.14  |          |
| 10600.00 | 90.00       | 359.74      | 8980.00   | 1647.79   | 606.90    | 1688.72  | 0.00             | 421381.19  | 721943.68  |          |
| 10700.00 | 90.00       | 359.74      | 8980.00   | 1747.79   | 606.45    | 1788.40  | 0.00             | 421481.19  | 721943.23  |          |
| 10800.00 | 90.00       | 359.74      | 8980.00   | 1847.78   | 605.99    | 1888.08  | 0.00             | 421581.18  | 721942.77  |          |
| 10900.00 | 90.00       | 359.74      | 8980.00   | 1947.78   | 605.53    | 1987.77  | 0.00             | 421681.18  | 721942.31  |          |
| 11000.00 | 90.00       | 359.74      | 8980.00   | 2047.78   | 605.07    | 2087.45  | 0.00             | 421781.18  | 721941.85  |          |
| 11100.00 | 90.00       | 359.74      | 8980.00   | 2147.78   | 604.62    | 2187.13  | 0.00             | 421881.18  | 721941.40  |          |
| 11200.00 | 90.00       | 359.74      | 8980.00   | 2247.78   | 604.16    | 2286.81  | 0.00             | 421981.18  | 721940.94  |          |
| 11300.00 | 90.00       | 359.74      | 8980.00   | 2347.78   | 603.70    | 2386.49  | 0.00             | 422081.18  | 721940.48  |          |
| 11400.00 | 90.00       | 359.74      | 8980.00   | 2447.78   | 603.24    | 2486.18  | 0.00             | 422181.18  | 721940.02  |          |
| 11500.00 | 90.00       | 359.74      | 8980.00   | 2547.78   | 602.79    | 2585.86  | 0.00             | 422281.18  | 721939.57  |          |
| 11600.00 | 90.00       | 359.74      | 8980.00   | 2647.78   | 602.33    | 2685.54  | 0.00             | 422381.18  | 721939.11  |          |
| 11700.00 | 90.00       | 359.74      | 8980.00   | 2747.78   | 601.87    | 2785.22  | 0.00             | 422481.18  | 721938.65  |          |
| 11800.00 | 90.00       | 359.74      | 8980.00   | 2847.77   | 601.41    | 2884.90  | 0.00             | 422581.17  | 721938.19  |          |
| 11900.00 | 90.00       | 359.74      | 8980.00   | 2947.77   | 600.95    | 2984.59  | 0.00             | 422681.17  | 721937.73  |          |
| 12000.00 | 90.00       | 359.74      | 8980.00   | 3047.77   | 600.50    | 3084.27  | 0.00             | 422781.17  | 721937.28  |          |
| 12100.00 | 90.00       | 359.74      | 8980.00   | 3147.77   | 600.04    | 3183.95  | 0.00             | 422881.17  | 721936.82  |          |
| 12200.00 | 90.00       | 359.74      | 8980.00   | 3247.77   | 599.58    | 3283.63  | 0.00             | 422981.17  | 721936.36  |          |
| 12300.00 | 90.00       | 359.74      | 8980.00   | 3347.77   | 599.12    | 3383.31  | 0.00             | 423081.17  | 721935.90  |          |
| 12400.00 | 90.00       | 359.74      | 8980.00   | 3447.77   | 598.67    | 3483.00  | 0.00             | 423181.17  | 721935.45  |          |
| 12500.00 | 90.00       | 359.74      | 8980.00   | 3547.77   | 598.21    | 3582.68  | 0.00             | 423281.17  | 721934.99  |          |
| 12600.00 | 90.00       | 359.74      | 8980.00   | 3647.77   | 597.75    | 3682.36  | 0.00             | 423381.17  | 721934.53  |          |
| 12700.00 | 90.00       | 359.74      | 8980.00   | 3747.76   | 597.29    | 3782.04  | 0.00             | 423481.16  | 721934.07  |          |
| 12800.00 | 90.00       | 359.74      | 8980.00   | 3847.76   | 596.84    | 3881.73  | 0.00             | 423581.16  | 721933.62  |          |
| 12900.00 | 90.00       | 359.74      | 8980.00   | 3947.76   | 596.38    | 3981.41  | 0.00             | 423681.16  | 721933.16  |          |
| 13000.00 | 90.00       | 359.74      | 8980.00   | 4047.76   | 595.92    | 4081.09  | 0.00             | 423781.16  | 721932.70  |          |
| 13100.00 | 90.00       | 359.74      | 8980.00   | 4147.76   | 595.46    | 4180.77  | 0.00             | 423881.16  | 721932.24  |          |
| 13200.00 | 90.00       | 359.74      | 8980.00   | 4247.76   | 595.00    | 4280.45  | 0.00             | 423981.16  | 721931.78  |          |
| 13300.00 | 90.00       | 359.74      | 8980.00   | 4347.76   | 594.55    | 4380.14  | 0.00             | 424081.16  | 721931.33  |          |
| 13400.00 | 90.00       | 359.74      | 8980.00   | 4447.76   | 594.09    | 4479.82  | 0.00             | 424181.16  | 721930.87  |          |
| 13500.00 | 90.00       | 359.74      | 8980.00   | 4547.76   | 593.63    | 4579.50  | 0.00             | 424281.16  | 721930.41  |          |
| 13600.00 | 90.00       | 359.74      | 8980.00   | 4647.76   | 593.17    | 4679.18  | 0.00             | 424381.16  | 721929.95  |          |
| 13700.00 | 90.00       | 359.74      | 8980.00   | 4747.75   | 592.72    | 4778.86  | 0.00             | 424481.15  | 721929.50  |          |
| 13800.00 | 90.00       | 359.74      | 8980.00   | 4847.75   | 592.26    | 4878.55  | 0.00             | 424581.15  | 721929.04  |          |
| 13900.00 | 90.00       | 359.74      | 8980.00   | 4947.75   | 591.80    | 4978.23  | 0.00             | 424681.15  | 721928.58  |          |
| 14000.00 | 90.00       | 359.74      | 8980.00   | 5047.75   | 591.34    | 5077.91  | 0.00             | 424781.15  | 721928.12  |          |
| 14100.00 | 90.00       | 359.74      | 8980.00   | 5147.75   | 590.89    | 5177.59  | 0.00             | 424881.15  | 721927.67  |          |
| 14200.00 | 90.00       | 359.74      | 8979.99   | 5247.75   | 590.43    | 5277.27  | 0.00             | 424981.15  | 721927.21  |          |
| 14300.00 | 90.00       | 359.74      | 8979.99   | 5347.75   | 589.97    | 5376.96  | 0.00             | 425081.15  | 721926.75  |          |
| 14400.00 | 90.00       | 359.74      | 8979.99   | 5447.75   | 589.51    | 5476.64  | 0.00             | 425181.15  | 721926.29  |          |
| 14500.00 | 90.00       | 359.74      | 8979.99   | 5547.75   | 589.06    | 5576.32  | 0.00             | 425281.15  | 721925.84  |          |



# Weatherford International Ltd.

## WFT Plan Report - X & Y's

**Weatherford**

|                                     |                                   |                                          |                   |
|-------------------------------------|-----------------------------------|------------------------------------------|-------------------|
| <b>Company:</b> Devon Energy        | <b>Date:</b> 11/1/2010            | <b>Time:</b> 12:34:37                    | <b>Page:</b> 3    |
| <b>Field:</b> Eddy Co., NM (NAD 83) | <b>Co-ordinate(NE) Reference:</b> | Well: Cotton Draw Unit #137H, Grid North |                   |
| <b>Site:</b> Cotton Draw Unit #137H | <b>Vertical (TVD) Reference:</b>  | SITE 3445.0                              |                   |
| <b>Well:</b> Cotton Draw Unit #137H | <b>Section (VS) Reference:</b>    | Well (0.00N,0.00E,4.31Azi)               |                   |
| <b>Wellpath:</b> 1                  | <b>Survey Calculation Method:</b> | Minimum Curvature                        | <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 |
|----------|-------------|-------------|-----------|-----------|-----------|----------|------------------|------------|------------|---------|
| 14600.00 | 90.00       | 359.74      | 8979.99   | 5647.74   | 588.60    | 5676.00  | 0.00             | 425381.14  | 721925.38  |         |
| 14700.00 | 90.00       | 359.74      | 8979.99   | 5747.74   | 588.14    | 5775.68  | 0.00             | 425481.14  | 721924.92  |         |
| 14800.00 | 90.00       | 359.74      | 8979.99   | 5847.74   | 587.68    | 5875.37  | 0.00             | 425581.14  | 721924.46  |         |
| 14900.00 | 90.00       | 359.74      | 8979.99   | 5947.74   | 587.22    | 5975.05  | 0.00             | 425681.14  | 721924.00  |         |
| 15000.00 | 90.00       | 359.74      | 8979.99   | 6047.74   | 586.77    | 6074.73  | 0.00             | 425781.14  | 721923.55  |         |
| 15100.00 | 90.00       | 359.74      | 8979.99   | 6147.74   | 586.31    | 6174.41  | 0.00             | 425881.14  | 721923.09  |         |
| 15200.00 | 90.00       | 359.74      | 8979.99   | 6247.74   | 585.85    | 6274.09  | 0.00             | 425981.14  | 721922.63  |         |
| 15300.00 | 90.00       | 359.74      | 8979.99   | 6347.74   | 585.39    | 6373.78  | 0.00             | 426081.14  | 721922.17  |         |
| 15400.00 | 90.00       | 359.74      | 8979.99   | 6447.74   | 584.94    | 6473.46  | 0.00             | 426181.14  | 721921.72  |         |
| 15500.00 | 90.00       | 359.74      | 8979.99   | 6547.74   | 584.48    | 6573.14  | 0.00             | 426281.14  | 721921.26  |         |
| 15600.00 | 90.00       | 359.74      | 8979.99   | 6647.73   | 584.02    | 6672.82  | 0.00             | 426381.13  | 721920.80  |         |
| 15700.00 | 90.00       | 359.74      | 8979.99   | 6747.73   | 583.56    | 6772.50  | 0.00             | 426481.13  | 721920.34  |         |
| 15800.00 | 90.00       | 359.74      | 8979.99   | 6847.73   | 583.11    | 6872.19  | 0.00             | 426581.13  | 721919.89  |         |
| 15900.00 | 90.00       | 359.74      | 8979.99   | 6947.73   | 582.65    | 6971.87  | 0.00             | 426681.13  | 721919.43  |         |
| 16000.00 | 90.00       | 359.74      | 8979.99   | 7047.73   | 582.19    | 7071.55  | 0.00             | 426781.13  | 721918.97  |         |
| 16100.00 | 90.00       | 359.74      | 8979.99   | 7147.73   | 581.73    | 7171.23  | 0.00             | 426881.13  | 721918.51  |         |
| 16200.00 | 90.00       | 359.74      | 8979.99   | 7247.73   | 581.27    | 7270.91  | 0.00             | 426981.13  | 721918.05  |         |
| 16300.00 | 90.00       | 359.74      | 8979.99   | 7347.73   | 580.82    | 7370.60  | 0.00             | 427081.13  | 721917.60  |         |
| 16400.00 | 90.00       | 359.74      | 8979.99   | 7447.73   | 580.36    | 7470.28  | 0.00             | 427181.13  | 721917.14  |         |
| 16500.00 | 90.00       | 359.74      | 8979.99   | 7547.72   | 579.90    | 7569.96  | 0.00             | 427281.12  | 721916.68  |         |
| 16600.00 | 90.00       | 359.74      | 8979.99   | 7647.72   | 579.44    | 7669.64  | 0.00             | 427381.12  | 721916.22  |         |
| 16641.91 | 90.00       | 359.74      | 8980.00   | 7689.63   | 579.26    | 7711.42  | 0.00             | 427423.03  | 721916.04  | 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   | 7689.63     | 579.26      | 427423.03             | 721916.04            | 32 10 25.375 N          | 103 44 58.940 W          |
| Heal Tgt |                     |      | 8980.00   | 595.48      | 611.72      | 420328.88             | 721948.50            | 32 9 15.172 N           | 103 44 59.010 W          |

**Casing Points**

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

**Annotation**

| MD<br>ft | TVD<br>ft |            |
|----------|-----------|------------|
| 8000.56  | 8000.56   | Kop        |
| 8448.57  | 8412.50   | Build/Turn |
| 9547.68  | 8980.00   | Lp         |
| 16641.91 | 8980.00   | Pbhl       |

**Formations**

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



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 1  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid: North  
Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
Reference Wellpath: 1 Db: Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria  
Interpolation Method: MD Interval: 30.00 ft  
Depth Range: 0.00 to 16641.91 ft  
Maximum Radius: 10000.00 ft

Reference: Plan: Plan #1  
Error Model: ISCWSA Ellipse  
Scan Method: Closest Approach 3D  
Error Surface: Ellipse

Plan: Plan #1

Date Composed: 10/29/2010

Principal: Yes

Version: 1  
Tied-to: From Surface

### Summary

| Site                 | Offset Wellpath       | Well             | Wellpath | Reference MD ft | Offset MD ft | Ctr-Ctr Distance ft | Edge Distance ft | Separation Factor | Warning |
|----------------------|-----------------------|------------------|----------|-----------------|--------------|---------------------|------------------|-------------------|---------|
| Cotton Draw Unit #13 | Cotton Draw Unit #131 | V0 Plan: Plan #1 | V1       | 8010.00         | 8011.00      | 50.05               | 14.32            | 1.40              | Level 3 |

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference MD ft | TVD ft  | Offset MD ft | TVD ft  | Semi-Major Axis Ref ft | Offset ft | TFO-HS deg | Offset Location North ft | East ft | Ctr-Ctr Distance ft | Edge Distance ft | Separation Factor | Warning |
|-----------------|---------|--------------|---------|------------------------|-----------|------------|--------------------------|---------|---------------------|------------------|-------------------|---------|
| 0.00            | 0.00    | 1.00         | 1.00    | 0.00                   | 0.00      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.98            | 59298.43          |         |
| 30.00           | 30.00   | 31.00        | 31.00   | 0.01                   | 0.03      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.95            | 1574.29           |         |
| 60.00           | 60.00   | 61.00        | 61.00   | 0.04                   | 0.05      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.89            | 550.76            |         |
| 90.00           | 90.00   | 91.00        | 91.00   | 0.07                   | 0.08      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.83            | 333.76            |         |
| 120.00          | 120.00  | 121.00       | 121.00  | 0.13                   | 0.13      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.72            | 191.70            |         |
| 150.00          | 150.00  | 151.00       | 151.00  | 0.20                   | 0.20      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.59            | 126.35            |         |
| 180.00          | 180.00  | 181.00       | 181.00  | 0.26                   | 0.27      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.45            | 94.22             |         |
| 210.00          | 210.00  | 211.00       | 211.00  | 0.33                   | 0.33      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.32            | 75.12             |         |
| 240.00          | 240.00  | 241.00       | 241.00  | 0.40                   | 0.40      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.18            | 62.46             |         |
| 270.00          | 270.00  | 271.00       | 271.00  | 0.47                   | 0.47      | 270.37     | 0.32                     | -49.98  | 49.98               | 49.05            | 53.45             |         |
| 300.00          | 300.00  | 301.00       | 301.00  | 0.53                   | 0.54      | 270.37     | 0.32                     | -49.98  | 49.98               | 48.91            | 46.72             |         |
| 330.00          | 330.00  | 331.00       | 331.00  | 0.60                   | 0.60      | 270.37     | 0.32                     | -49.98  | 49.98               | 48.78            | 41.49             |         |
| 360.00          | 360.00  | 361.00       | 361.00  | 0.67                   | 0.67      | 270.37     | 0.32                     | -49.98  | 49.98               | 48.64            | 37.31             |         |
| 390.00          | 390.00  | 391.00       | 391.00  | 0.74                   | 0.74      | 270.37     | 0.32                     | -49.98  | 49.98               | 48.51            | 33.90             |         |
| 420.00          | 420.00  | 421.00       | 421.00  | 0.80                   | 0.81      | 270.37     | 0.32                     | -49.98  | 49.98               | 48.37            | 31.06             |         |
| 450.00          | 450.00  | 451.00       | 451.00  | 0.87                   | 0.87      | 270.37     | 0.32                     | -49.98  | 49.98               | 48.24            | 28.66             |         |
| 480.00          | 480.00  | 481.00       | 481.00  | 0.94                   | 0.94      | 270.37     | 0.32                     | -49.98  | 49.98               | 48.10            | 26.60             |         |
| 510.00          | 510.00  | 511.00       | 511.00  | 1.01                   | 1.01      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.97            | 24.82             |         |
| 540.00          | 540.00  | 541.00       | 541.00  | 1.07                   | 1.08      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.83            | 23.26             |         |
| 570.00          | 570.00  | 571.00       | 571.00  | 1.14                   | 1.14      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.70            | 21.89             |         |
| 600.00          | 600.00  | 601.00       | 601.00  | 1.21                   | 1.21      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.56            | 20.67             |         |
| 630.00          | 630.00  | 631.00       | 631.00  | 1.28                   | 1.28      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.43            | 19.57             |         |
| 660.00          | 660.00  | 661.00       | 661.00  | 1.34                   | 1.35      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.29            | 18.59             |         |
| 690.00          | 690.00  | 691.00       | 691.00  | 1.41                   | 1.41      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.16            | 17.70             |         |
| 720.00          | 720.00  | 721.00       | 721.00  | 1.48                   | 1.48      | 270.37     | 0.32                     | -49.98  | 49.98               | 47.02            | 16.90             |         |
| 750.00          | 750.00  | 751.00       | 751.00  | 1.55                   | 1.55      | 270.37     | 0.32                     | -49.98  | 49.98               | 46.89            | 16.16             |         |
| 780.00          | 780.00  | 781.00       | 781.00  | 1.61                   | 1.61      | 270.37     | 0.32                     | -49.98  | 49.98               | 46.75            | 15.49             |         |
| 810.00          | 810.00  | 811.00       | 811.00  | 1.68                   | 1.68      | 270.37     | 0.32                     | -49.98  | 49.98               | 46.62            | 14.86             |         |
| 840.00          | 840.00  | 841.00       | 841.00  | 1.75                   | 1.75      | 270.37     | 0.32                     | -49.98  | 49.98               | 46.48            | 14.29             |         |
| 870.00          | 870.00  | 871.00       | 871.00  | 1.81                   | 1.82      | 270.37     | 0.32                     | -49.98  | 49.98               | 46.35            | 13.76             |         |
| 900.00          | 900.00  | 901.00       | 901.00  | 1.88                   | 1.88      | 270.37     | 0.32                     | -49.98  | 49.98               | 46.21            | 13.27             |         |
| 930.00          | 930.00  | 931.00       | 931.00  | 1.95                   | 1.95      | 270.37     | 0.32                     | -49.98  | 49.98               | 46.08            | 12.81             |         |
| 960.00          | 960.00  | 961.00       | 961.00  | 2.02                   | 2.02      | 270.37     | 0.32                     | -49.98  | 49.98               | 45.94            | 12.38             |         |
| 990.00          | 990.00  | 991.00       | 991.00  | 2.08                   | 2.09      | 270.37     | 0.32                     | -49.98  | 49.98               | 45.81            | 11.98             |         |
| 1020.00         | 1020.00 | 1021.00      | 1021.00 | 2.15                   | 2.15      | 270.37     | 0.32                     | -49.98  | 49.98               | 45.67            | 11.61             |         |
| 1050.00         | 1050.00 | 1051.00      | 1051.00 | 2.22                   | 2.22      | 270.37     | 0.32                     | -49.98  | 49.98               | 45.54            | 11.25             |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 2  
Field: Eddy Co.: NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H. Grid North  
Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |         | Offset Location |        | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|---------|---------|-----------------|--------|---------|-----------------|--------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-IIS | North           | East   |                  |               |                   |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg     | ft              | ft     | ft               | ft            |                   |         |
| 1080.00   | 1080.00 | 1081.00 | 1081.00 | 2.29            | 2.29   | 270.37  | 0.32            | -49.98 | 49.98            | 45.40         | 10.92             |         |
| 1110.00   | 1110.00 | 1111.00 | 1111.00 | 2.35            | 2.36   | 270.37  | 0.32            | -49.98 | 49.98            | 45.27         | 10.61             |         |
| 1140.00   | 1140.00 | 1141.00 | 1141.00 | 2.42            | 2.42   | 270.37  | 0.32            | -49.98 | 49.98            | 45.14         | 10.31             |         |
| 1170.00   | 1170.00 | 1171.00 | 1171.00 | 2.49            | 2.49   | 270.37  | 0.32            | -49.98 | 49.98            | 45.00         | 10.03             |         |
| 1200.00   | 1200.00 | 1201.00 | 1201.00 | 2.56            | 2.56   | 270.37  | 0.32            | -49.98 | 49.98            | 44.87         | 9.77              |         |
| 1230.00   | 1230.00 | 1231.00 | 1231.00 | 2.62            | 2.63   | 270.37  | 0.32            | -49.98 | 49.98            | 44.73         | 9.52              |         |
| 1260.00   | 1260.00 | 1261.00 | 1261.00 | 2.69            | 2.69   | 270.37  | 0.32            | -49.98 | 49.98            | 44.60         | 9.28              |         |
| 1290.00   | 1290.00 | 1291.00 | 1291.00 | 2.76            | 2.76   | 270.37  | 0.32            | -49.98 | 49.98            | 44.46         | 9.05              |         |
| 1320.00   | 1320.00 | 1321.00 | 1321.00 | 2.83            | 2.83   | 270.37  | 0.32            | -49.98 | 49.98            | 44.33         | 8.84              |         |
| 1350.00   | 1350.00 | 1351.00 | 1351.00 | 2.89            | 2.90   | 270.37  | 0.32            | -49.98 | 49.98            | 44.19         | 8.63              |         |
| 1380.00   | 1380.00 | 1381.00 | 1381.00 | 2.96            | 2.96   | 270.37  | 0.32            | -49.98 | 49.98            | 44.06         | 8.44              |         |
| 1410.00   | 1410.00 | 1411.00 | 1411.00 | 3.03            | 3.03   | 270.37  | 0.32            | -49.98 | 49.98            | 43.92         | 8.25              |         |
| 1440.00   | 1440.00 | 1441.00 | 1441.00 | 3.10            | 3.10   | 270.37  | 0.32            | -49.98 | 49.98            | 43.79         | 8.07              |         |
| 1470.00   | 1470.00 | 1471.00 | 1471.00 | 3.16            | 3.17   | 270.37  | 0.32            | -49.98 | 49.98            | 43.65         | 7.90              |         |
| 1500.00   | 1500.00 | 1501.00 | 1501.00 | 3.23            | 3.23   | 270.37  | 0.32            | -49.98 | 49.98            | 43.52         | 7.73              |         |
| 1530.00   | 1530.00 | 1531.00 | 1531.00 | 3.30            | 3.30   | 270.37  | 0.32            | -49.98 | 49.98            | 43.38         | 7.57              |         |
| 1560.00   | 1560.00 | 1561.00 | 1561.00 | 3.37            | 3.37   | 270.37  | 0.32            | -49.98 | 49.98            | 43.25         | 7.42              |         |
| 1590.00   | 1590.00 | 1591.00 | 1591.00 | 3.43            | 3.44   | 270.37  | 0.32            | -49.98 | 49.98            | 43.11         | 7.28              |         |
| 1620.00   | 1620.00 | 1621.00 | 1621.00 | 3.50            | 3.50   | 270.37  | 0.32            | -49.98 | 49.98            | 42.98         | 7.14              |         |
| 1650.00   | 1650.00 | 1651.00 | 1651.00 | 3.57            | 3.57   | 270.37  | 0.32            | -49.98 | 49.98            | 42.84         | 7.00              |         |
| 1680.00   | 1680.00 | 1681.00 | 1681.00 | 3.64            | 3.64   | 270.37  | 0.32            | -49.98 | 49.98            | 42.71         | 6.87              |         |
| 1710.00   | 1710.00 | 1711.00 | 1711.00 | 3.70            | 3.71   | 270.37  | 0.32            | -49.98 | 49.98            | 42.57         | 6.75              |         |
| 1740.00   | 1740.00 | 1741.00 | 1741.00 | 3.77            | 3.77   | 270.37  | 0.32            | -49.98 | 49.98            | 42.44         | 6.63              |         |
| 1770.00   | 1770.00 | 1771.00 | 1771.00 | 3.84            | 3.84   | 270.37  | 0.32            | -49.98 | 49.98            | 42.30         | 6.51              |         |
| 1800.00   | 1800.00 | 1801.00 | 1801.00 | 3.91            | 3.91   | 270.37  | 0.32            | -49.98 | 49.98            | 42.17         | 6.40              |         |
| 1830.00   | 1830.00 | 1831.00 | 1831.00 | 3.97            | 3.97   | 270.37  | 0.32            | -49.98 | 49.98            | 42.03         | 6.29              |         |
| 1860.00   | 1860.00 | 1861.00 | 1861.00 | 4.04            | 4.04   | 270.37  | 0.32            | -49.98 | 49.98            | 41.90         | 6.18              |         |
| 1890.00   | 1890.00 | 1891.00 | 1891.00 | 4.11            | 4.11   | 270.37  | 0.32            | -49.98 | 49.98            | 41.76         | 6.08              |         |
| 1920.00   | 1920.00 | 1921.00 | 1921.00 | 4.18            | 4.18   | 270.37  | 0.32            | -49.98 | 49.98            | 41.63         | 5.98              |         |
| 1950.00   | 1950.00 | 1951.00 | 1951.00 | 4.24            | 4.24   | 270.37  | 0.32            | -49.98 | 49.98            | 41.49         | 5.89              |         |
| 1980.00   | 1980.00 | 1981.00 | 1981.00 | 4.31            | 4.31   | 270.37  | 0.32            | -49.98 | 49.98            | 41.36         | 5.80              |         |
| 2010.00   | 2010.00 | 2011.00 | 2011.00 | 4.38            | 4.38   | 270.37  | 0.32            | -49.98 | 49.98            | 41.22         | 5.71              |         |
| 2040.00   | 2040.00 | 2041.00 | 2041.00 | 4.44            | 4.45   | 270.37  | 0.32            | -49.98 | 49.98            | 41.09         | 5.62              |         |
| 2070.00   | 2070.00 | 2071.00 | 2071.00 | 4.51            | 4.51   | 270.37  | 0.32            | -49.98 | 49.98            | 40.95         | 5.54              |         |
| 2100.00   | 2100.00 | 2101.00 | 2101.00 | 4.58            | 4.58   | 270.37  | 0.32            | -49.98 | 49.98            | 40.82         | 5.46              |         |
| 2130.00   | 2130.00 | 2131.00 | 2131.00 | 4.65            | 4.65   | 270.37  | 0.32            | -49.98 | 49.98            | 40.68         | 5.38              |         |
| 2160.00   | 2160.00 | 2161.00 | 2161.00 | 4.71            | 4.72   | 270.37  | 0.32            | -49.98 | 49.98            | 40.55         | 5.30              |         |
| 2190.00   | 2190.00 | 2191.00 | 2191.00 | 4.78            | 4.78   | 270.37  | 0.32            | -49.98 | 49.98            | 40.41         | 5.22              |         |
| 2220.00   | 2220.00 | 2221.00 | 2221.00 | 4.85            | 4.85   | 270.37  | 0.32            | -49.98 | 49.98            | 40.28         | 5.15              |         |
| 2250.00   | 2250.00 | 2251.00 | 2251.00 | 4.92            | 4.92   | 270.37  | 0.32            | -49.98 | 49.98            | 40.15         | 5.08              |         |
| 2280.00   | 2280.00 | 2281.00 | 2281.00 | 4.98            | 4.99   | 270.37  | 0.32            | -49.98 | 49.98            | 40.01         | 5.01              |         |
| 2310.00   | 2310.00 | 2311.00 | 2311.00 | 5.05            | 5.05   | 270.37  | 0.32            | -49.98 | 49.98            | 39.88         | 4.95              |         |
| 2340.00   | 2340.00 | 2341.00 | 2341.00 | 5.12            | 5.12   | 270.37  | 0.32            | -49.98 | 49.98            | 39.74         | 4.88              |         |
| 2370.00   | 2370.00 | 2371.00 | 2371.00 | 5.19            | 5.19   | 270.37  | 0.32            | -49.98 | 49.98            | 39.61         | 4.82              |         |
| 2400.00   | 2400.00 | 2401.00 | 2401.00 | 5.25            | 5.26   | 270.37  | 0.32            | -49.98 | 49.98            | 39.47         | 4.76              |         |
| 2430.00   | 2430.00 | 2431.00 | 2431.00 | 5.32            | 5.32   | 270.37  | 0.32            | -49.98 | 49.98            | 39.34         | 4.70              |         |
| 2460.00   | 2460.00 | 2461.00 | 2461.00 | 5.39            | 5.39   | 270.37  | 0.32            | -49.98 | 49.98            | 39.20         | 4.64              |         |
| 2490.00   | 2490.00 | 2491.00 | 2491.00 | 5.46            | 5.46   | 270.37  | 0.32            | -49.98 | 49.98            | 39.07         | 4.58              |         |
| 2520.00   | 2520.00 | 2521.00 | 2521.00 | 5.52            | 5.53   | 270.37  | 0.32            | -49.98 | 49.98            | 38.93         | 4.52              |         |
| 2550.00   | 2550.00 | 2551.00 | 2551.00 | 5.59            | 5.59   | 270.37  | 0.32            | -49.98 | 49.98            | 38.80         | 4.47              |         |
| 2580.00   | 2580.00 | 2581.00 | 2581.00 | 5.66            | 5.66   | 270.37  | 0.32            | -49.98 | 49.98            | 38.66         | 4.42              |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford®**

Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 3  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H; Grid North  
Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |        | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|--------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East   |                  |               |                   |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft     | ft               | ft            |                   |         |
| 2610.00   | 2610.00 | 2611.00 | 2611.00 | 5.73            | 5.73   | 270.37 | 0.32            | -49.98 | 49.98            | 38.53         | 4.36              |         |
| 2640.00   | 2640.00 | 2641.00 | 2641.00 | 5.79            | 5.80   | 270.37 | 0.32            | -49.98 | 49.98            | 38.39         | 4.31              |         |
| 2670.00   | 2670.00 | 2671.00 | 2671.00 | 5.86            | 5.86   | 270.37 | 0.32            | -49.98 | 49.98            | 38.26         | 4.26              |         |
| 2700.00   | 2700.00 | 2701.00 | 2701.00 | 5.93            | 5.93   | 270.37 | 0.32            | -49.98 | 49.98            | 38.12         | 4.21              |         |
| 2730.00   | 2730.00 | 2731.00 | 2731.00 | 6.00            | 6.00   | 270.37 | 0.32            | -49.98 | 49.98            | 37.99         | 4.17              |         |
| 2760.00   | 2760.00 | 2761.00 | 2761.00 | 6.06            | 6.07   | 270.37 | 0.32            | -49.98 | 49.98            | 37.85         | 4.12              |         |
| 2790.00   | 2790.00 | 2791.00 | 2791.00 | 6.13            | 6.13   | 270.37 | 0.32            | -49.98 | 49.98            | 37.72         | 4.08              |         |
| 2820.00   | 2820.00 | 2821.00 | 2821.00 | 6.20            | 6.20   | 270.37 | 0.32            | -49.98 | 49.98            | 37.58         | 4.03              |         |
| 2850.00   | 2850.00 | 2851.00 | 2851.00 | 6.27            | 6.27   | 270.37 | 0.32            | -49.98 | 49.98            | 37.45         | 3.99              |         |
| 2880.00   | 2880.00 | 2881.00 | 2881.00 | 6.33            | 6.34   | 270.37 | 0.32            | -49.98 | 49.98            | 37.31         | 3.95              |         |
| 2910.00   | 2910.00 | 2911.00 | 2911.00 | 6.40            | 6.40   | 270.37 | 0.32            | -49.98 | 49.98            | 37.18         | 3.90              |         |
| 2940.00   | 2940.00 | 2941.00 | 2941.00 | 6.47            | 6.47   | 270.37 | 0.32            | -49.98 | 49.98            | 37.04         | 3.86              |         |
| 2970.00   | 2970.00 | 2971.00 | 2971.00 | 6.54            | 6.54   | 270.37 | 0.32            | -49.98 | 49.98            | 36.91         | 3.82              |         |
| 3000.00   | 3000.00 | 3001.00 | 3001.00 | 6.60            | 6.60   | 270.37 | 0.32            | -49.98 | 49.98            | 36.77         | 3.78              |         |
| 3030.00   | 3030.00 | 3031.00 | 3031.00 | 6.67            | 6.67   | 270.37 | 0.32            | -49.98 | 49.98            | 36.64         | 3.75              |         |
| 3060.00   | 3060.00 | 3061.00 | 3061.00 | 6.74            | 6.74   | 270.37 | 0.32            | -49.98 | 49.98            | 36.50         | 3.71              |         |
| 3090.00   | 3090.00 | 3091.00 | 3091.00 | 6.80            | 6.81   | 270.37 | 0.32            | -49.98 | 49.98            | 36.37         | 3.67              |         |
| 3120.00   | 3120.00 | 3121.00 | 3121.00 | 6.87            | 6.87   | 270.37 | 0.32            | -49.98 | 49.98            | 36.23         | 3.64              |         |
| 3150.00   | 3150.00 | 3151.00 | 3151.00 | 6.94            | 6.94   | 270.37 | 0.32            | -49.98 | 49.98            | 36.10         | 3.60              |         |
| 3180.00   | 3180.00 | 3181.00 | 3181.00 | 7.01            | 7.01   | 270.37 | 0.32            | -49.98 | 49.98            | 35.96         | 3.57              |         |
| 3210.00   | 3210.00 | 3211.00 | 3211.00 | 7.07            | 7.08   | 270.37 | 0.32            | -49.98 | 49.98            | 35.83         | 3.53              |         |
| 3240.00   | 3240.00 | 3241.00 | 3241.00 | 7.14            | 7.14   | 270.37 | 0.32            | -49.98 | 49.98            | 35.69         | 3.50              |         |
| 3270.00   | 3270.00 | 3271.00 | 3271.00 | 7.21            | 7.21   | 270.37 | 0.32            | -49.98 | 49.98            | 35.56         | 3.47              |         |
| 3300.00   | 3300.00 | 3301.00 | 3301.00 | 7.28            | 7.28   | 270.37 | 0.32            | -49.98 | 49.98            | 35.43         | 3.43              |         |
| 3330.00   | 3330.00 | 3331.00 | 3331.00 | 7.34            | 7.35   | 270.37 | 0.32            | -49.98 | 49.98            | 35.29         | 3.40              |         |
| 3360.00   | 3360.00 | 3361.00 | 3361.00 | 7.41            | 7.41   | 270.37 | 0.32            | -49.98 | 49.98            | 35.16         | 3.37              |         |
| 3390.00   | 3390.00 | 3391.00 | 3391.00 | 7.48            | 7.48   | 270.37 | 0.32            | -49.98 | 49.98            | 35.02         | 3.34              |         |
| 3420.00   | 3420.00 | 3421.00 | 3421.00 | 7.55            | 7.55   | 270.37 | 0.32            | -49.98 | 49.98            | 34.89         | 3.31              |         |
| 3450.00   | 3450.00 | 3451.00 | 3451.00 | 7.61            | 7.62   | 270.37 | 0.32            | -49.98 | 49.98            | 34.75         | 3.28              |         |
| 3480.00   | 3480.00 | 3481.00 | 3481.00 | 7.68            | 7.68   | 270.37 | 0.32            | -49.98 | 49.98            | 34.62         | 3.25              |         |
| 3510.00   | 3510.00 | 3511.00 | 3511.00 | 7.75            | 7.75   | 270.37 | 0.32            | -49.98 | 49.98            | 34.48         | 3.22              |         |
| 3540.00   | 3540.00 | 3541.00 | 3541.00 | 7.82            | 7.82   | 270.37 | 0.32            | -49.98 | 49.98            | 34.35         | 3.20              |         |
| 3570.00   | 3570.00 | 3571.00 | 3571.00 | 7.88            | 7.89   | 270.37 | 0.32            | -49.98 | 49.98            | 34.21         | 3.17              |         |
| 3600.00   | 3600.00 | 3601.00 | 3601.00 | 7.95            | 7.95   | 270.37 | 0.32            | -49.98 | 49.98            | 34.08         | 3.14              |         |
| 3630.00   | 3630.00 | 3631.00 | 3631.00 | 8.02            | 8.02   | 270.37 | 0.32            | -49.98 | 49.98            | 33.94         | 3.12              |         |
| 3660.00   | 3660.00 | 3661.00 | 3661.00 | 8.09            | 8.09   | 270.37 | 0.32            | -49.98 | 49.98            | 33.81         | 3.09              |         |
| 3690.00   | 3690.00 | 3691.00 | 3691.00 | 8.15            | 8.16   | 270.37 | 0.32            | -49.98 | 49.98            | 33.67         | 3.06              |         |
| 3720.00   | 3720.00 | 3721.00 | 3721.00 | 8.22            | 8.22   | 270.37 | 0.32            | -49.98 | 49.98            | 33.54         | 3.04              |         |
| 3750.00   | 3750.00 | 3751.00 | 3751.00 | 8.29            | 8.29   | 270.37 | 0.32            | -49.98 | 49.98            | 33.40         | 3.01              |         |
| 3780.00   | 3780.00 | 3781.00 | 3781.00 | 8.36            | 8.36   | 270.37 | 0.32            | -49.98 | 49.98            | 33.27         | 2.99              |         |
| 3810.00   | 3810.00 | 3811.00 | 3811.00 | 8.42            | 8.43   | 270.37 | 0.32            | -49.98 | 49.98            | 33.13         | 2.97              |         |
| 3840.00   | 3840.00 | 3841.00 | 3841.00 | 8.49            | 8.49   | 270.37 | 0.32            | -49.98 | 49.98            | 33.00         | 2.94              |         |
| 3870.00   | 3870.00 | 3871.00 | 3871.00 | 8.56            | 8.56   | 270.37 | 0.32            | -49.98 | 49.98            | 32.86         | 2.92              |         |
| 3900.00   | 3900.00 | 3901.00 | 3901.00 | 8.63            | 8.63   | 270.37 | 0.32            | -49.98 | 49.98            | 32.73         | 2.90              |         |
| 3930.00   | 3930.00 | 3931.00 | 3931.00 | 8.69            | 8.70   | 270.37 | 0.32            | -49.98 | 49.98            | 32.59         | 2.87              |         |
| 3960.00   | 3960.00 | 3961.00 | 3961.00 | 8.76            | 8.76   | 270.37 | 0.32            | -49.98 | 49.98            | 32.46         | 2.85              |         |
| 3990.00   | 3990.00 | 3991.00 | 3991.00 | 8.83            | 8.83   | 270.37 | 0.32            | -49.98 | 49.98            | 32.32         | 2.83              |         |
| 4020.00   | 4020.00 | 4021.00 | 4021.00 | 8.90            | 8.90   | 270.37 | 0.32            | -49.98 | 49.98            | 32.19         | 2.81              |         |
| 4050.00   | 4050.00 | 4051.00 | 4051.00 | 8.96            | 8.96   | 270.37 | 0.32            | -49.98 | 49.98            | 32.05         | 2.79              |         |
| 4080.00   | 4080.00 | 4081.00 | 4081.00 | 9.03            | 9.03   | 270.37 | 0.32            | -49.98 | 49.98            | 31.92         | 2.77              |         |
| 4110.00   | 4110.00 | 4111.00 | 4111.00 | 9.10            | 9.10   | 270.37 | 0.32            | -49.98 | 49.98            | 31.78         | 2.75              |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H  
Reference Well: Cotton Draw Unit #137H  
Reference Wellpath: 1

Date: 11/1/2010

Time: 11:27:45

Page: 4

Co-ordinate(NE) Reference:  
Vertical (TVD) Reference:

Well: Cotton Draw Unit #137H, Grid North  
SITE 3445.0

Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |                | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|----------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-IIS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 4140.00   | 4140.00   | 4141.00  | 4141.00   | 9.16            | 9.17         | 270.37         | 0.32            | -49.98     | 49.98                     | 31.65                  | 2.73                 |         |
| 4170.00   | 4170.00   | 4171.00  | 4171.00   | 9.23            | 9.23         | 270.37         | 0.32            | -49.98     | 49.98                     | 31.51                  | 2.71                 |         |
| 4200.00   | 4200.00   | 4201.00  | 4201.00   | 9.30            | 9.30         | 270.37         | 0.32            | -49.98     | 49.98                     | 31.38                  | 2.69                 |         |
| 4230.00   | 4230.00   | 4231.00  | 4231.00   | 9.37            | 9.37         | 270.37         | 0.32            | -49.98     | 49.98                     | 31.24                  | 2.67                 |         |
| 4260.00   | 4260.00   | 4261.00  | 4261.00   | 9.43            | 9.44         | 270.37         | 0.32            | -49.98     | 49.98                     | 31.11                  | 2.65                 |         |
| 4290.00   | 4290.00   | 4291.00  | 4291.00   | 9.50            | 9.50         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.97                  | 2.63                 |         |
| 4320.00   | 4320.00   | 4321.00  | 4321.00   | 9.57            | 9.57         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.84                  | 2.61                 |         |
| 4350.00   | 4350.00   | 4351.00  | 4351.00   | 9.64            | 9.64         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.71                  | 2.59                 |         |
| 4380.00   | 4380.00   | 4381.00  | 4381.00   | 9.70            | 9.71         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.57                  | 2.57                 |         |
| 4410.00   | 4410.00   | 4411.00  | 4411.00   | 9.77            | 9.77         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.44                  | 2.56                 |         |
| 4440.00   | 4440.00   | 4441.00  | 4441.00   | 9.84            | 9.84         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.30                  | 2.54                 |         |
| 4470.00   | 4470.00   | 4471.00  | 4471.00   | 9.91            | 9.91         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.17                  | 2.52                 |         |
| 4500.00   | 4500.00   | 4501.00  | 4501.00   | 9.97            | 9.98         | 270.37         | 0.32            | -49.98     | 49.98                     | 30.03                  | 2.51                 |         |
| 4530.00   | 4530.00   | 4531.00  | 4531.00   | 10.04           | 10.04        | 270.37         | 0.32            | -49.98     | 49.98                     | 29.90                  | 2.49                 |         |
| 4560.00   | 4560.00   | 4561.00  | 4561.00   | 10.11           | 10.11        | 270.37         | 0.32            | -49.98     | 49.98                     | 29.76                  | 2.47                 |         |
| 4590.00   | 4590.00   | 4591.00  | 4591.00   | 10.18           | 10.18        | 270.37         | 0.32            | -49.98     | 49.98                     | 29.63                  | 2.46                 |         |
| 4620.00   | 4620.00   | 4621.00  | 4621.00   | 10.24           | 10.25        | 270.37         | 0.32            | -49.98     | 49.98                     | 29.49                  | 2.44                 |         |
| 4650.00   | 4650.00   | 4651.00  | 4651.00   | 10.31           | 10.31        | 270.37         | 0.32            | -49.98     | 49.98                     | 29.36                  | 2.42                 |         |
| 4680.00   | 4680.00   | 4681.00  | 4681.00   | 10.38           | 10.38        | 270.37         | 0.32            | -49.98     | 49.98                     | 29.22                  | 2.41                 |         |
| 4710.00   | 4710.00   | 4711.00  | 4711.00   | 10.45           | 10.45        | 270.37         | 0.32            | -49.98     | 49.98                     | 29.09                  | 2.39                 |         |
| 4740.00   | 4740.00   | 4741.00  | 4741.00   | 10.51           | 10.52        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.95                  | 2.38                 |         |
| 4770.00   | 4770.00   | 4771.00  | 4771.00   | 10.58           | 10.58        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.82                  | 2.36                 |         |
| 4800.00   | 4800.00   | 4801.00  | 4801.00   | 10.65           | 10.65        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.68                  | 2.35                 |         |
| 4830.00   | 4830.00   | 4831.00  | 4831.00   | 10.72           | 10.72        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.55                  | 2.33                 |         |
| 4860.00   | 4860.00   | 4861.00  | 4861.00   | 10.78           | 10.79        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.41                  | 2.32                 |         |
| 4890.00   | 4890.00   | 4891.00  | 4891.00   | 10.85           | 10.85        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.28                  | 2.30                 |         |
| 4920.00   | 4920.00   | 4921.00  | 4921.00   | 10.92           | 10.92        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.14                  | 2.29                 |         |
| 4950.00   | 4950.00   | 4951.00  | 4951.00   | 10.99           | 10.99        | 270.37         | 0.32            | -49.98     | 49.98                     | 28.01                  | 2.27                 |         |
| 4980.00   | 4980.00   | 4981.00  | 4981.00   | 11.05           | 11.06        | 270.37         | 0.32            | -49.98     | 49.98                     | 27.87                  | 2.26                 |         |
| 5010.00   | 5010.00   | 5011.00  | 5011.00   | 11.12           | 11.12        | 270.37         | 0.32            | -49.98     | 49.98                     | 27.74                  | 2.25                 |         |
| 5040.00   | 5040.00   | 5041.00  | 5041.00   | 11.19           | 11.19        | 270.37         | 0.32            | -49.98     | 49.98                     | 27.60                  | 2.23                 |         |
| 5070.00   | 5070.00   | 5071.00  | 5071.00   | 11.26           | 11.26        | 270.37         | 0.32            | -49.98     | 49.98                     | 27.47                  | 2.22                 |         |
| 5100.00   | 5100.00   | 5101.00  | 5101.00   | 11.32           | 11.32        | 270.37         | 0.32            | -49.98     | 49.98                     | 27.33                  | 2.21                 |         |
| 5130.00   | 5130.00   | 5131.00  | 5131.00   | 11.39           | 11.39        | 270.37         | 0.32            | -49.98     | 49.98                     | 27.20                  | 2.19                 |         |
| 5160.00   | 5160.00   | 5161.00  | 5161.00   | 11.46           | 11.46        | 270.37         | 0.32            | -49.98     | 49.98                     | 27.06                  | 2.18                 |         |
| 5190.00   | 5190.00   | 5191.00  | 5191.00   | 11.52           | 11.53        | 270.37         | 0.32            | -49.98     | 49.98                     | 26.93                  | 2.17                 |         |
| 5220.00   | 5220.00   | 5221.00  | 5221.00   | 11.59           | 11.59        | 270.37         | 0.32            | -49.98     | 49.98                     | 26.79                  | 2.16                 |         |
| 5250.00   | 5250.00   | 5251.00  | 5251.00   | 11.66           | 11.66        | 270.37         | 0.32            | -49.98     | 49.98                     | 26.66                  | 2.14                 |         |
| 5280.00   | 5280.00   | 5281.00  | 5281.00   | 11.73           | 11.73        | 270.37         | 0.32            | -49.98     | 49.98                     | 26.52                  | 2.13                 |         |
| 5310.00   | 5310.00   | 5311.00  | 5311.00   | 11.79           | 11.80        | 270.37         | 0.32            | -49.98     | 49.98                     | 26.39                  | 2.12                 |         |
| 5340.00   | 5340.00   | 5341.00  | 5341.00   | 11.86           | 11.86        | 270.37         | 0.32            | -49.98     | 49.98                     | 26.25                  | 2.11                 |         |
| 5370.00   | 5370.00   | 5371.00  | 5371.00   | 11.93           | 11.93        | 270.37         | 0.32            | -49.98     | 49.98                     | 26.12                  | 2.09                 |         |
| 5400.00   | 5400.00   | 5401.00  | 5401.00   | 12.00           | 12.00        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.99                  | 2.08                 |         |
| 5430.00   | 5430.00   | 5431.00  | 5431.00   | 12.06           | 12.07        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.85                  | 2.07                 |         |
| 5460.00   | 5460.00   | 5461.00  | 5461.00   | 12.13           | 12.13        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.72                  | 2.06                 |         |
| 5490.00   | 5490.00   | 5491.00  | 5491.00   | 12.20           | 12.20        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.58                  | 2.05                 |         |
| 5520.00   | 5520.00   | 5521.00  | 5521.00   | 12.27           | 12.27        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.45                  | 2.04                 |         |
| 5550.00   | 5550.00   | 5551.00  | 5551.00   | 12.33           | 12.34        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.31                  | 2.03                 |         |
| 5580.00   | 5580.00   | 5581.00  | 5581.00   | 12.40           | 12.40        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.18                  | 2.01                 |         |
| 5610.00   | 5610.00   | 5611.00  | 5611.00   | 12.47           | 12.47        | 270.37         | 0.32            | -49.98     | 49.98                     | 25.04                  | 2.00                 |         |
| 5640.00   | 5640.00   | 5641.00  | 5641.00   | 12.54           | 12.54        | 270.37         | 0.32            | -49.98     | 49.98                     | 24.91                  | 1.99                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 5  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid North  
Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 5670.00   | 5670.00   | 5671.00  | 5671.00   | 12.60           | 12.61        | 270.37        | 0.32            | -49.98     | 49.98                     | 24.77                  | 1.98                 |         |
| 5700.00   | 5700.00   | 5701.00  | 5701.00   | 12.67           | 12.67        | 270.37        | 0.32            | -49.98     | 49.98                     | 24.64                  | 1.97                 |         |
| 5730.00   | 5730.00   | 5731.00  | 5731.00   | 12.74           | 12.74        | 270.37        | 0.32            | -49.98     | 49.98                     | 24.50                  | 1.96                 |         |
| 5760.00   | 5760.00   | 5761.00  | 5761.00   | 12.81           | 12.81        | 270.37        | 0.32            | -49.98     | 49.98                     | 24.37                  | 1.95                 |         |
| 5790.00   | 5790.00   | 5791.00  | 5791.00   | 12.87           | 12.88        | 270.37        | 0.32            | -49.98     | 49.98                     | 24.23                  | 1.94                 |         |
| 5820.00   | 5820.00   | 5821.00  | 5821.00   | 12.94           | 12.94        | 270.37        | 0.32            | -49.98     | 49.98                     | 24.10                  | 1.93                 |         |
| 5850.00   | 5850.00   | 5851.00  | 5851.00   | 13.01           | 13.01        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.96                  | 1.92                 |         |
| 5880.00   | 5880.00   | 5881.00  | 5881.00   | 13.08           | 13.08        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.83                  | 1.91                 |         |
| 5910.00   | 5910.00   | 5911.00  | 5911.00   | 13.14           | 13.15        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.69                  | 1.90                 |         |
| 5940.00   | 5940.00   | 5941.00  | 5941.00   | 13.21           | 13.21        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.56                  | 1.89                 |         |
| 5970.00   | 5970.00   | 5971.00  | 5971.00   | 13.28           | 13.28        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.42                  | 1.88                 |         |
| 6000.00   | 6000.00   | 6001.00  | 6001.00   | 13.35           | 13.35        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.29                  | 1.87                 |         |
| 6030.00   | 6030.00   | 6031.00  | 6031.00   | 13.41           | 13.42        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.15                  | 1.86                 |         |
| 6060.00   | 6060.00   | 6061.00  | 6061.00   | 13.48           | 13.48        | 270.37        | 0.32            | -49.98     | 49.98                     | 23.02                  | 1.85                 |         |
| 6090.00   | 6090.00   | 6091.00  | 6091.00   | 13.55           | 13.55        | 270.37        | 0.32            | -49.98     | 49.98                     | 22.88                  | 1.84                 |         |
| 6120.00   | 6120.00   | 6121.00  | 6121.00   | 13.62           | 13.62        | 270.37        | 0.32            | -49.98     | 49.98                     | 22.75                  | 1.84                 |         |
| 6150.00   | 6150.00   | 6151.00  | 6151.00   | 13.68           | 13.68        | 270.37        | 0.32            | -49.98     | 49.98                     | 22.61                  | 1.83                 |         |
| 6180.00   | 6180.00   | 6181.00  | 6181.00   | 13.75           | 13.75        | 270.37        | 0.32            | -49.98     | 49.98                     | 22.48                  | 1.82                 |         |
| 6210.00   | 6210.00   | 6211.00  | 6211.00   | 13.82           | 13.82        | 270.37        | 0.32            | -49.98     | 49.98                     | 22.34                  | 1.81                 |         |
| 6240.00   | 6240.00   | 6241.00  | 6241.00   | 13.88           | 13.89        | 270.37        | 0.32            | -49.98     | 49.98                     | 22.21                  | 1.80                 |         |
| 6270.00   | 6270.00   | 6271.00  | 6271.00   | 13.95           | 13.95        | 270.37        | 0.32            | -49.98     | 49.98                     | 22.07                  | 1.79                 |         |
| 6300.00   | 6300.00   | 6301.00  | 6301.00   | 14.02           | 14.02        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.94                  | 1.78                 |         |
| 6330.00   | 6330.00   | 6331.00  | 6331.00   | 14.09           | 14.09        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.80                  | 1.77                 |         |
| 6360.00   | 6360.00   | 6361.00  | 6361.00   | 14.15           | 14.16        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.67                  | 1.77                 |         |
| 6390.00   | 6390.00   | 6391.00  | 6391.00   | 14.22           | 14.22        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.53                  | 1.76                 |         |
| 6420.00   | 6420.00   | 6421.00  | 6421.00   | 14.29           | 14.29        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.40                  | 1.75                 |         |
| 6450.00   | 6450.00   | 6451.00  | 6451.00   | 14.36           | 14.36        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.26                  | 1.74                 |         |
| 6480.00   | 6480.00   | 6481.00  | 6481.00   | 14.42           | 14.43        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.13                  | 1.73                 |         |
| 6510.00   | 6510.00   | 6511.00  | 6511.00   | 14.49           | 14.49        | 270.37        | 0.32            | -49.98     | 49.98                     | 21.00                  | 1.72                 |         |
| 6540.00   | 6540.00   | 6541.00  | 6541.00   | 14.56           | 14.56        | 270.37        | 0.32            | -49.98     | 49.98                     | 20.86                  | 1.72                 |         |
| 6570.00   | 6570.00   | 6571.00  | 6571.00   | 14.63           | 14.63        | 270.37        | 0.32            | -49.98     | 49.98                     | 20.73                  | 1.71                 |         |
| 6600.00   | 6600.00   | 6601.00  | 6601.00   | 14.69           | 14.70        | 270.37        | 0.32            | -49.98     | 49.98                     | 20.59                  | 1.70                 |         |
| 6630.00   | 6630.00   | 6631.00  | 6631.00   | 14.76           | 14.76        | 270.37        | 0.32            | -49.98     | 49.98                     | 20.46                  | 1.69                 |         |
| 6660.00   | 6660.00   | 6661.00  | 6661.00   | 14.83           | 14.83        | 270.37        | 0.32            | -49.98     | 49.98                     | 20.32                  | 1.69                 |         |
| 6690.00   | 6690.00   | 6691.00  | 6691.00   | 14.90           | 14.90        | 270.37        | 0.32            | -49.98     | 49.98                     | 20.19                  | 1.68                 |         |
| 6720.00   | 6720.00   | 6721.00  | 6721.00   | 14.96           | 14.97        | 270.37        | 0.32            | -49.98     | 49.98                     | 20.05                  | 1.67                 |         |
| 6750.00   | 6750.00   | 6751.00  | 6751.00   | 15.03           | 15.03        | 270.37        | 0.32            | -49.98     | 49.98                     | 19.92                  | 1.66                 |         |
| 6780.00   | 6780.00   | 6781.00  | 6781.00   | 15.10           | 15.10        | 270.37        | 0.32            | -49.98     | 49.98                     | 19.78                  | 1.66                 |         |
| 6810.00   | 6810.00   | 6811.00  | 6811.00   | 15.17           | 15.17        | 270.37        | 0.32            | -49.98     | 49.98                     | 19.65                  | 1.65                 |         |
| 6840.00   | 6840.00   | 6841.00  | 6841.00   | 15.23           | 15.24        | 270.37        | 0.32            | -49.98     | 49.98                     | 19.51                  | 1.64                 |         |
| 6870.00   | 6870.00   | 6871.00  | 6871.00   | 15.30           | 15.30        | 270.37        | 0.32            | -49.98     | 49.98                     | 19.38                  | 1.63                 |         |
| 6900.00   | 6900.00   | 6901.00  | 6901.00   | 15.37           | 15.37        | 270.37        | 0.32            | -49.98     | 49.98                     | 19.24                  | 1.63                 |         |
| 6930.00   | 6930.00   | 6931.00  | 6931.00   | 15.44           | 15.44        | 270.37        | 0.32            | -49.98     | 49.98                     | 19.11                  | 1.62                 |         |
| 6960.00   | 6960.00   | 6961.00  | 6961.00   | 15.50           | 15.51        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.97                  | 1.61                 |         |
| 6990.00   | 6990.00   | 6991.00  | 6991.00   | 15.57           | 15.57        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.84                  | 1.60                 |         |
| 7020.00   | 7020.00   | 7021.00  | 7021.00   | 15.64           | 15.64        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.70                  | 1.60                 |         |
| 7050.00   | 7050.00   | 7051.00  | 7051.00   | 15.71           | 15.71        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.57                  | 1.59                 |         |
| 7080.00   | 7080.00   | 7081.00  | 7081.00   | 15.77           | 15.78        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.43                  | 1.58                 |         |
| 7110.00   | 7110.00   | 7111.00  | 7111.00   | 15.84           | 15.84        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.30                  | 1.58                 |         |
| 7140.00   | 7140.00   | 7141.00  | 7141.00   | 15.91           | 15.91        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.16                  | 1.57                 |         |
| 7170.00   | 7170.00   | 7171.00  | 7171.00   | 15.98           | 15.98        | 270.37        | 0.32            | -49.98     | 49.98                     | 18.03                  | 1.56                 |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co. NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H  
Reference Well: Cotton Draw Unit #137H  
Reference Wellpath: 1  
Date: 11/1/2010  
Time: 11:27:45  
Page: 6  
Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid North  
Vertical (TVD) Reference: SITE 3445.0  
Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |        | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|--------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East   |                  |               |                   |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft     | ft               | ft            |                   |         |
| 7200.00   | 7200.00 | 7201.00 | 7201.00 | 16.04           | 16.04  | 270.37 | 0.32            | -49.98 | 49.98            | 17.89         | 1.56              |         |
| 7230.00   | 7230.00 | 7231.00 | 7231.00 | 16.11           | 16.11  | 270.37 | 0.32            | -49.98 | 49.98            | 17.76         | 1.55              |         |
| 7260.00   | 7260.00 | 7261.00 | 7261.00 | 16.18           | 16.18  | 270.37 | 0.32            | -49.98 | 49.98            | 17.62         | 1.54              |         |
| 7290.00   | 7290.00 | 7291.00 | 7291.00 | 16.24           | 16.25  | 270.37 | 0.32            | -49.98 | 49.98            | 17.49         | 1.54              |         |
| 7320.00   | 7320.00 | 7321.00 | 7321.00 | 16.31           | 16.31  | 270.37 | 0.32            | -49.98 | 49.98            | 17.35         | 1.53              |         |
| 7350.00   | 7350.00 | 7351.00 | 7351.00 | 16.38           | 16.38  | 270.37 | 0.32            | -49.98 | 49.98            | 17.22         | 1.53              |         |
| 7380.00   | 7380.00 | 7381.00 | 7381.00 | 16.45           | 16.45  | 270.37 | 0.32            | -49.98 | 49.98            | 17.08         | 1.52              |         |
| 7410.00   | 7410.00 | 7411.00 | 7411.00 | 16.51           | 16.52  | 270.37 | 0.32            | -49.98 | 49.98            | 16.95         | 1.51              |         |
| 7440.00   | 7440.00 | 7441.00 | 7441.00 | 16.58           | 16.58  | 270.37 | 0.32            | -49.98 | 49.98            | 16.81         | 1.51              |         |
| 7470.00   | 7470.00 | 7471.00 | 7471.00 | 16.65           | 16.65  | 270.37 | 0.32            | -49.98 | 49.98            | 16.68         | 1.50              |         |
| 7500.00   | 7500.00 | 7501.00 | 7501.00 | 16.72           | 16.72  | 270.37 | 0.32            | -49.98 | 49.98            | 16.54         | 1.49              | Level 3 |
| 7530.00   | 7530.00 | 7531.00 | 7531.00 | 16.78           | 16.79  | 270.37 | 0.32            | -49.98 | 49.98            | 16.41         | 1.49              | Level 3 |
| 7560.00   | 7560.00 | 7561.00 | 7561.00 | 16.85           | 16.85  | 270.37 | 0.32            | -49.98 | 49.98            | 16.28         | 1.48              | Level 3 |
| 7590.00   | 7590.00 | 7591.00 | 7591.00 | 16.92           | 16.92  | 270.37 | 0.32            | -49.98 | 49.98            | 16.14         | 1.48              | Level 3 |
| 7620.00   | 7620.00 | 7621.00 | 7621.00 | 16.99           | 16.99  | 270.37 | 0.32            | -49.98 | 49.98            | 16.01         | 1.47              | Level 3 |
| 7650.00   | 7650.00 | 7651.00 | 7651.00 | 17.05           | 17.06  | 270.37 | 0.32            | -49.98 | 49.98            | 15.87         | 1.47              | Level 3 |
| 7680.00   | 7680.00 | 7681.00 | 7681.00 | 17.12           | 17.12  | 270.37 | 0.32            | -49.98 | 49.98            | 15.74         | 1.46              | Level 3 |
| 7710.00   | 7710.00 | 7711.00 | 7711.00 | 17.19           | 17.19  | 270.37 | 0.32            | -49.98 | 49.98            | 15.60         | 1.45              | Level 3 |
| 7740.00   | 7740.00 | 7741.00 | 7741.00 | 17.26           | 17.26  | 270.37 | 0.32            | -49.98 | 49.98            | 15.47         | 1.45              | Level 3 |
| 7770.00   | 7770.00 | 7771.00 | 7771.00 | 17.32           | 17.33  | 270.37 | 0.32            | -49.98 | 49.98            | 15.33         | 1.44              | Level 3 |
| 7800.00   | 7800.00 | 7801.00 | 7801.00 | 17.39           | 17.39  | 270.37 | 0.32            | -49.98 | 49.98            | 15.20         | 1.44              | Level 3 |
| 7830.00   | 7830.00 | 7831.00 | 7831.00 | 17.46           | 17.46  | 270.37 | 0.32            | -49.98 | 49.98            | 15.06         | 1.43              | Level 3 |
| 7860.00   | 7860.00 | 7861.00 | 7861.00 | 17.53           | 17.53  | 270.37 | 0.32            | -49.98 | 49.98            | 14.93         | 1.43              | Level 3 |
| 7890.00   | 7890.00 | 7891.00 | 7891.00 | 17.59           | 17.60  | 270.37 | 0.32            | -49.98 | 49.98            | 14.79         | 1.42              | Level 3 |
| 7920.00   | 7920.00 | 7921.00 | 7921.00 | 17.66           | 17.66  | 270.37 | 0.32            | -49.98 | 49.98            | 14.66         | 1.41              | Level 3 |
| 7950.00   | 7950.00 | 7951.00 | 7951.00 | 17.73           | 17.73  | 270.37 | 0.32            | -49.98 | 49.98            | 14.52         | 1.41              | Level 3 |
| 7980.00   | 7980.00 | 7981.00 | 7981.00 | 17.80           | 17.80  | 270.37 | 0.32            | -49.98 | 49.98            | 14.39         | 1.40              | Level 3 |
| 8010.00   | 8010.00 | 8011.00 | 8011.00 | 17.86           | 17.87  | 166.78 | 0.32            | -49.98 | 50.05            | 14.32         | 1.40              | Level 3 |
| 8040.00   | 8039.97 | 8040.97 | 8040.97 | 17.92           | 17.93  | 167.05 | 0.32            | -49.98 | 51.17            | 15.34         | 1.43              | Level 3 |
| 8070.00   | 8069.86 | 8070.86 | 8070.86 | 17.98           | 18.00  | 167.62 | 0.32            | -49.98 | 53.67            | 17.76         | 1.49              | Level 3 |
| 8100.00   | 8099.60 | 8100.60 | 8100.60 | 18.04           | 18.07  | 168.39 | 0.32            | -49.98 | 57.55            | 21.60         | 1.60              |         |
| 8130.00   | 8129.11 | 8130.11 | 8130.11 | 18.10           | 18.13  | 169.29 | 0.32            | -49.98 | 62.82            | 26.85         | 1.75              |         |
| 8160.00   | 8158.34 | 8159.34 | 8159.34 | 18.16           | 18.20  | 170.22 | 0.32            | -49.98 | 69.46            | 33.51         | 1.93              |         |
| 8190.00   | 8187.22 | 8188.22 | 8188.22 | 18.22           | 18.26  | 171.12 | 0.32            | -49.98 | 77.48            | 41.56         | 2.16              |         |
| 8220.00   | 8215.68 | 8216.68 | 8216.68 | 18.29           | 18.33  | 171.96 | 0.32            | -49.98 | 86.86            | 51.01         | 2.42              |         |
| 8250.00   | 8243.67 | 8244.67 | 8244.67 | 18.36           | 18.39  | 172.72 | 0.32            | -49.98 | 97.57            | 61.82         | 2.73              |         |
| 8280.00   | 8271.11 | 8272.11 | 8272.11 | 18.43           | 18.45  | 173.38 | 0.32            | -49.98 | 109.60           | 73.97         | 3.08              |         |
| 8310.00   | 8297.96 | 8298.96 | 8298.96 | 18.50           | 18.51  | 173.96 | 0.32            | -49.98 | 122.92           | 87.44         | 3.46              |         |
| 8340.00   | 8324.14 | 8325.14 | 8325.14 | 18.58           | 18.57  | 174.46 | 0.32            | -49.98 | 137.50           | 102.19        | 3.89              |         |
| 8370.00   | 8349.61 | 8350.61 | 8350.61 | 18.67           | 18.63  | 174.88 | 0.32            | -49.98 | 153.30           | 118.19        | 4.37              |         |
| 8400.00   | 8374.30 | 8375.30 | 8375.30 | 18.77           | 18.68  | 175.24 | 0.32            | -49.98 | 170.30           | 135.39        | 4.88              |         |
| 8430.00   | 8398.16 | 8398.17 | 8398.17 | 18.88           | 18.74  | 175.63 | 0.59            | -49.98 | 188.49           | 153.82        | 5.44              |         |
| 8460.00   | 8421.22 | 8419.72 | 8419.69 | 19.00           | 18.78  | 178.33 | 1.63            | -49.98 | 207.85           | 173.29        | 6.01              |         |
| 8490.00   | 8444.22 | 8440.91 | 8440.81 | 19.12           | 18.83  | 184.32 | 3.41            | -49.97 | 227.47           | 192.75        | 6.55              |         |
| 8520.00   | 8467.32 | 8462.02 | 8461.76 | 19.25           | 18.88  | 190.09 | 5.91            | -49.96 | 247.04           | 212.11        | 7.07              |         |
| 8550.00   | 8490.47 | 8483.06 | 8482.55 | 19.37           | 18.92  | 195.66 | 9.15            | -49.95 | 266.53           | 231.36        | 7.58              |         |
| 8580.00   | 8513.61 | 8504.08 | 8503.20 | 19.50           | 18.97  | 201.03 | 13.10           | -49.94 | 285.89           | 250.45        | 8.07              |         |
| 8610.00   | 8536.70 | 8525.12 | 8523.71 | 19.62           | 19.01  | 206.19 | 17.78           | -49.93 | 305.09           | 269.36        | 8.54              |         |
| 8640.00   | 8559.68 | 8546.21 | 8544.09 | 19.75           | 19.06  | 211.15 | 23.19           | -49.92 | 324.08           | 288.05        | 8.99              |         |
| 8670.00   | 8582.50 | 8567.38 | 8564.35 | 19.87           | 19.10  | 215.90 | 29.34           | -49.90 | 342.84           | 306.49        | 9.43              |         |



Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 7  
 Field: Eddy Co. NM (NAD 83)  
 Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid North  
 Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
 Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
 Well: Cotton Draw Unit #136H  
 Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset  |         | Semi-Major Axis |        |        | Offset Location |        | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|-----------|---------|---------|---------|-----------------|--------|--------|-----------------|--------|------------------|---------------|-------------------|---------|
| MD        | TVD     | MD      | TVD     | Ref             | Offset | TFO-HS | North           | East   |                  |               |                   |         |
| ft        | ft      | ft      | ft      | ft              | ft     | deg    | ft              | ft     | ft               | ft            |                   |         |
| 8700.00   | 8605.11 | 8588.67 | 8584.49 | 19.98           | 19.15  | 220.42 | 36.24           | -49.88 | 361.32           | 324.65        | 9.85              |         |
| 8730.00   | 8627.47 | 8610.11 | 8604.51 | 20.09           | 19.19  | 224.71 | 43.90           | -49.86 | 379.51           | 342.51        | 10.26             |         |
| 8760.00   | 8649.52 | 8631.73 | 8624.41 | 20.20           | 19.24  | 228.77 | 52.35           | -49.83 | 397.37           | 360.05        | 10.65             |         |
| 8790.00   | 8671.21 | 8653.55 | 8644.17 | 20.31           | 19.29  | 232.58 | 61.60           | -49.81 | 414.88           | 377.22        | 11.02             |         |
| 8820.00   | 8692.49 | 8675.61 | 8663.80 | 20.40           | 19.34  | 236.17 | 71.67           | -49.78 | 432.00           | 394.03        | 11.38             |         |
| 8850.00   | 8713.33 | 8697.93 | 8683.26 | 20.50           | 19.39  | 239.52 | 82.59           | -49.75 | 448.71           | 410.41        | 11.72             |         |
| 8880.00   | 8733.66 | 8720.54 | 8702.55 | 20.60           | 19.45  | 242.64 | 94.39           | -49.71 | 464.98           | 426.37        | 12.04             |         |
| 8910.00   | 8753.45 | 8743.47 | 8721.64 | 20.69           | 19.50  | 245.54 | 107.08          | -49.68 | 480.79           | 441.86        | 12.35             |         |
| 8940.00   | 8772.65 | 8766.73 | 8740.50 | 20.79           | 19.57  | 248.23 | 120.69          | -49.64 | 496.10           | 456.86        | 12.64             |         |
| 8970.00   | 8791.22 | 8790.35 | 8759.10 | 20.88           | 19.63  | 250.71 | 135.25          | -49.60 | 510.88           | 471.34        | 12.92             |         |
| 9000.00   | 8809.12 | 8814.34 | 8777.39 | 20.97           | 19.70  | 253.00 | 150.77          | -49.55 | 525.13           | 485.29        | 13.18             |         |
| 9030.00   | 8826.31 | 8838.72 | 8795.33 | 21.06           | 19.78  | 255.11 | 167.29          | -49.51 | 538.79           | 498.66        | 13.43             |         |
| 9060.00   | 8842.75 | 8863.52 | 8812.86 | 21.15           | 19.86  | 257.03 | 184.82          | -49.46 | 551.86           | 511.44        | 13.65             |         |
| 9090.00   | 8858.40 | 8888.72 | 8829.93 | 21.24           | 19.95  | 258.80 | 203.36          | -49.40 | 564.30           | 523.60        | 13.86             |         |
| 9120.00   | 8873.24 | 8914.36 | 8846.47 | 21.34           | 20.04  | 260.40 | 222.94          | -49.35 | 576.09           | 535.11        | 14.06             |         |
| 9150.00   | 8887.21 | 8940.42 | 8862.42 | 21.43           | 20.14  | 261.86 | 243.55          | -49.29 | 587.20           | 545.94        | 14.23             |         |
| 9180.00   | 8900.31 | 8966.91 | 8877.69 | 21.52           | 20.26  | 263.17 | 265.19          | -49.23 | 597.60           | 556.07        | 14.39             |         |
| 9210.00   | 8912.49 | 8993.83 | 8892.22 | 21.61           | 20.38  | 264.35 | 287.85          | -49.17 | 607.28           | 565.48        | 14.53             |         |
| 9240.00   | 8923.73 | 9021.16 | 8905.92 | 21.70           | 20.51  | 265.41 | 311.50          | -49.10 | 616.21           | 574.13        | 14.64             |         |
| 9270.00   | 8934.00 | 9048.89 | 8918.70 | 21.79           | 20.65  | 266.34 | 336.11          | -49.03 | 624.36           | 582.01        | 14.74             |         |
| 9300.00   | 8943.28 | 9077.01 | 8930.49 | 21.88           | 20.81  | 267.16 | 361.63          | -48.96 | 631.73           | 589.09        | 14.82             |         |
| 9330.00   | 8951.56 | 9105.49 | 8941.19 | 21.98           | 20.97  | 267.87 | 388.02          | -48.88 | 638.27           | 595.35        | 14.87             |         |
| 9360.00   | 8958.80 | 9134.29 | 8950.73 | 22.07           | 21.15  | 268.48 | 415.19          | -48.80 | 643.99           | 600.78        | 14.90             |         |
| 9390.00   | 8965.01 | 9163.39 | 8959.03 | 22.17           | 21.34  | 268.98 | 443.08          | -48.73 | 648.85           | 605.35        | 14.92             |         |
| 9420.00   | 8970.15 | 9192.75 | 8966.03 | 22.26           | 21.54  | 269.39 | 471.59          | -48.64 | 652.86           | 609.05        | 14.90             |         |
| 9450.00   | 8974.23 | 9222.32 | 8971.66 | 22.36           | 21.76  | 269.70 | 500.62          | -48.56 | 655.99           | 611.87        | 14.87             |         |
| 9480.00   | 8977.23 | 9252.06 | 8975.87 | 22.46           | 21.98  | 269.92 | 530.06          | -48.48 | 658.23           | 613.80        | 14.82             |         |
| 9510.00   | 8979.14 | 9281.92 | 8978.63 | 22.55           | 22.21  | 270.05 | 559.79          | -48.39 | 659.58           | 614.83        | 14.74             |         |
| 9540.00   | 8979.96 | 9311.85 | 8979.91 | 22.65           | 22.46  | 270.09 | 589.69          | -48.31 | 660.04           | 614.96        | 14.64             |         |
| 9570.00   | 8980.00 | 9341.81 | 8980.00 | 22.86           | 22.71  | 270.09 | 619.64          | -48.23 | 659.85           | 614.31        | 14.49             |         |
| 9600.00   | 8980.00 | 9371.77 | 8980.00 | 23.11           | 22.97  | 270.09 | 649.60          | -48.14 | 659.63           | 613.59        | 14.33             |         |
| 9630.00   | 8980.00 | 9401.73 | 8980.00 | 23.37           | 23.22  | 270.09 | 679.56          | -48.06 | 659.41           | 612.85        | 14.16             |         |
| 9660.00   | 8980.00 | 9431.69 | 8980.00 | 23.63           | 23.50  | 270.09 | 709.53          | -47.98 | 659.19           | 612.09        | 14.00             |         |
| 9690.00   | 8980.00 | 9461.65 | 8980.00 | 23.90           | 23.78  | 270.09 | 739.49          | -47.90 | 658.98           | 611.33        | 13.83             |         |
| 9720.00   | 8980.00 | 9491.62 | 8980.00 | 24.18           | 24.06  | 270.09 | 769.45          | -47.83 | 658.76           | 610.56        | 13.67             |         |
| 9750.00   | 8980.00 | 9521.58 | 8980.00 | 24.47           | 24.36  | 270.09 | 799.41          | -47.75 | 658.55           | 609.76        | 13.50             |         |
| 9780.00   | 8980.00 | 9551.54 | 8980.00 | 24.77           | 24.67  | 270.09 | 829.37          | -47.68 | 658.34           | 608.94        | 13.33             |         |
| 9810.00   | 8980.00 | 9581.50 | 8980.00 | 25.07           | 24.98  | 270.09 | 859.33          | -47.61 | 658.13           | 608.13        | 13.16             |         |
| 9840.00   | 8980.00 | 9611.46 | 8980.00 | 25.39           | 25.29  | 270.09 | 889.29          | -47.54 | 657.93           | 607.28        | 12.99             |         |
| 9870.00   | 8980.00 | 9641.42 | 8980.00 | 25.71           | 25.63  | 270.09 | 919.25          | -47.47 | 657.72           | 606.42        | 12.82             |         |
| 9900.00   | 8980.00 | 9671.38 | 8980.00 | 26.03           | 25.96  | 270.09 | 949.21          | -47.41 | 657.52           | 605.56        | 12.66             |         |
| 9930.00   | 8980.00 | 9701.34 | 8980.00 | 26.38           | 26.30  | 270.09 | 979.17          | -47.35 | 657.32           | 604.68        | 12.49             |         |
| 9960.00   | 8980.00 | 9731.31 | 8980.00 | 26.72           | 26.65  | 270.09 | 1009.14         | -47.28 | 657.12           | 603.78        | 12.32             |         |
| 9990.00   | 8980.00 | 9761.27 | 8980.00 | 27.07           | 27.01  | 270.09 | 1039.10         | -47.22 | 656.92           | 602.88        | 12.16             |         |
| 10020.00  | 8980.00 | 9791.23 | 8980.00 | 27.43           | 27.37  | 270.09 | 1069.06         | -47.16 | 656.72           | 601.97        | 11.99             |         |
| 10050.00  | 8980.00 | 9821.19 | 8980.00 | 27.79           | 27.74  | 270.09 | 1099.02         | -47.11 | 656.53           | 601.04        | 11.83             |         |
| 10080.00  | 8980.00 | 9851.15 | 8980.00 | 28.16           | 28.12  | 270.09 | 1128.98         | -47.05 | 656.34           | 600.10        | 11.67             |         |
| 10110.00  | 8980.00 | 9881.11 | 8980.00 | 28.53           | 28.49  | 270.09 | 1158.94         | -47.00 | 656.15           | 599.16        | 11.51             |         |
| 10140.00  | 8980.00 | 9911.07 | 8980.00 | 28.92           | 28.88  | 270.09 | 1188.90         | -46.95 | 655.96           | 598.20        | 11.36             |         |
| 10170.00  | 8980.00 | 9941.03 | 8980.00 | 29.30           | 29.27  | 270.09 | 1218.87         | -46.90 | 655.77           | 597.24        | 11.20             |         |
| 10200.00  | 8980.00 | 9971.00 | 8980.00 | 29.69           | 29.67  | 270.09 | 1248.83         | -46.85 | 655.58           | 596.27        | 11.05             |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 8  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid North  
Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |                | Offset Location |            | Ctr-Ctr        | Edge           | Separation | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|----------------|-----------------|------------|----------------|----------------|------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-IIS<br>deg | North<br>ft     | East<br>ft | Distance<br>ft | Distance<br>ft | Factor     |         |
| 10230.00  | 8980.00   | 10000.96 | 8980.00   | 30.09           | 30.06        | 270.09         | 1278.79         | -46.80     | 655.40         | 595.29         | 10.90      |         |
| 10260.00  | 8980.00   | 10030.92 | 8980.00   | 30.49           | 30.47        | 270.09         | 1308.75         | -46.76     | 655.22         | 594.30         | 10.76      |         |
| 10290.00  | 8980.00   | 10060.88 | 8980.00   | 30.89           | 30.88        | 270.09         | 1338.71         | -46.71     | 655.04         | 593.31         | 10.61      |         |
| 10320.00  | 8980.00   | 10090.84 | 8980.00   | 31.30           | 31.29        | 270.09         | 1368.67         | -46.67     | 654.86         | 592.31         | 10.47      |         |
| 10350.00  | 8980.00   | 10120.80 | 8980.00   | 31.72           | 31.71        | 270.09         | 1398.63         | -46.63     | 654.68         | 591.30         | 10.33      |         |
| 10380.00  | 8980.00   | 10150.77 | 8980.00   | 32.13           | 32.13        | 270.09         | 1428.60         | -46.60     | 654.51         | 590.28         | 10.19      |         |
| 10410.00  | 8980.00   | 10180.73 | 8980.00   | 32.55           | 32.55        | 270.09         | 1458.56         | -46.56     | 654.33         | 589.27         | 10.06      |         |
| 10440.00  | 8980.00   | 10210.69 | 8980.00   | 32.98           | 32.98        | 270.09         | 1488.52         | -46.53     | 654.16         | 588.24         | 9.92       |         |
| 10470.00  | 8980.00   | 10240.65 | 8980.00   | 33.41           | 33.42        | 270.09         | 1518.48         | -46.49     | 653.99         | 587.21         | 9.79       |         |
| 10500.00  | 8980.00   | 10270.61 | 8980.00   | 33.84           | 33.85        | 270.09         | 1548.44         | -46.46     | 653.82         | 586.17         | 9.66       |         |
| 10530.00  | 8980.00   | 10300.57 | 8980.00   | 34.27           | 34.29        | 270.09         | 1578.40         | -46.43     | 653.66         | 585.13         | 9.54       |         |
| 10560.00  | 8980.00   | 10330.54 | 8980.00   | 34.71           | 34.73        | 270.09         | 1608.37         | -46.41     | 653.49         | 584.08         | 9.42       |         |
| 10590.00  | 8980.00   | 10360.50 | 8980.00   | 35.15           | 35.18        | 270.09         | 1638.33         | -46.38     | 653.33         | 583.04         | 9.29       |         |
| 10620.00  | 8980.00   | 10390.46 | 8980.00   | 35.60           | 35.62        | 270.09         | 1668.29         | -46.36     | 653.17         | 581.98         | 9.18       |         |
| 10650.00  | 8980.00   | 10420.42 | 8980.00   | 36.05           | 36.07        | 270.09         | 1698.25         | -46.33     | 653.01         | 580.92         | 9.06       |         |
| 10680.00  | 8980.00   | 10450.38 | 8980.00   | 36.50           | 36.53        | 270.09         | 1728.21         | -46.31     | 652.85         | 579.86         | 8.94       |         |
| 10710.00  | 8980.00   | 10480.34 | 8980.00   | 36.95           | 36.98        | 270.09         | 1758.17         | -46.29     | 652.70         | 578.80         | 8.83       |         |
| 10740.00  | 8980.00   | 10510.31 | 8980.00   | 37.41           | 37.44        | 270.09         | 1788.14         | -46.28     | 652.54         | 577.73         | 8.72       |         |
| 10770.00  | 8980.00   | 10540.27 | 8980.00   | 37.86           | 37.90        | 270.09         | 1818.10         | -46.26     | 652.39         | 576.66         | 8.61       |         |
| 10800.00  | 8980.00   | 10570.23 | 8980.00   | 38.32           | 38.36        | 270.09         | 1848.06         | -46.25     | 652.24         | 575.59         | 8.51       |         |
| 10830.00  | 8980.00   | 10600.19 | 8980.00   | 38.79           | 38.82        | 270.09         | 1878.02         | -46.24     | 652.09         | 574.51         | 8.41       |         |
| 10860.00  | 8980.00   | 10630.15 | 8980.00   | 39.25           | 39.29        | 270.09         | 1907.98         | -46.23     | 651.94         | 573.43         | 8.30       |         |
| 10890.00  | 8980.00   | 10660.12 | 8980.00   | 39.72           | 39.76        | 270.09         | 1937.95         | -46.22     | 651.80         | 572.35         | 8.20       |         |
| 10920.00  | 8980.00   | 10690.08 | 8980.00   | 40.19           | 40.23        | 270.09         | 1967.91         | -46.21     | 651.65         | 571.27         | 8.11       |         |
| 10950.00  | 8980.00   | 10720.04 | 8980.00   | 40.66           | 40.70        | 270.09         | 1997.87         | -46.21     | 651.51         | 570.18         | 8.01       |         |
| 10980.00  | 8980.00   | 10750.00 | 8980.00   | 41.13           | 41.18        | 270.09         | 2027.83         | -46.20     | 651.37         | 569.09         | 7.92       |         |
| 11010.00  | 8980.00   | 10779.96 | 8980.00   | 41.60           | 41.66        | 270.09         | 2057.79         | -46.20     | 651.23         | 568.00         | 7.82       |         |
| 11040.00  | 8980.00   | 10809.93 | 8980.00   | 42.08           | 42.13        | 270.09         | 2087.76         | -46.20     | 651.09         | 566.91         | 7.73       |         |
| 11070.00  | 8980.00   | 10839.89 | 8980.00   | 42.56           | 42.61        | 270.09         | 2117.72         | -46.20     | 650.96         | 565.82         | 7.65       |         |
| 11100.00  | 8980.00   | 10869.85 | 8980.00   | 43.04           | 43.10        | 270.09         | 2147.68         | -46.21     | 650.82         | 564.72         | 7.56       |         |
| 11130.00  | 8980.00   | 10899.81 | 8980.00   | 43.52           | 43.58        | 270.09         | 2177.64         | -46.21     | 650.69         | 563.63         | 7.47       |         |
| 11160.00  | 8980.00   | 10929.77 | 8980.00   | 44.00           | 44.06        | 270.09         | 2207.60         | -46.22     | 650.56         | 562.53         | 7.39       |         |
| 11190.00  | 8980.00   | 10959.74 | 8980.00   | 44.49           | 44.55        | 270.09         | 2237.57         | -46.23     | 650.43         | 561.43         | 7.31       |         |
| 11220.00  | 8980.00   | 10989.70 | 8980.00   | 44.97           | 45.03        | 270.09         | 2267.53         | -46.24     | 650.31         | 560.33         | 7.23       |         |
| 11250.00  | 8980.00   | 11019.66 | 8980.00   | 45.46           | 45.52        | 270.09         | 2297.49         | -46.25     | 650.18         | 559.23         | 7.15       |         |
| 11280.00  | 8980.00   | 11049.62 | 8980.00   | 45.95           | 46.01        | 270.09         | 2327.45         | -46.27     | 650.06         | 558.12         | 7.07       |         |
| 11310.00  | 8980.00   | 11079.58 | 8980.00   | 46.44           | 46.51        | 270.09         | 2357.41         | -46.28     | 649.94         | 557.02         | 6.99       |         |
| 11340.00  | 8980.00   | 11109.55 | 8980.00   | 46.93           | 47.00        | 270.09         | 2387.38         | -46.30     | 649.82         | 555.92         | 6.92       |         |
| 11370.00  | 8980.00   | 11139.51 | 8980.00   | 47.42           | 47.49        | 270.09         | 2417.34         | -46.32     | 649.70         | 554.81         | 6.85       |         |
| 11400.00  | 8980.00   | 11169.47 | 8980.00   | 47.92           | 47.99        | 270.09         | 2447.30         | -46.34     | 649.59         | 553.71         | 6.78       |         |
| 11430.00  | 8980.00   | 11199.43 | 8980.00   | 48.41           | 48.48        | 270.09         | 2477.26         | -46.36     | 649.47         | 552.60         | 6.70       |         |
| 11460.00  | 8980.00   | 11229.40 | 8980.00   | 48.91           | 48.98        | 270.09         | 2507.23         | -46.39     | 649.36         | 551.50         | 6.64       |         |
| 11490.00  | 8980.00   | 11259.36 | 8980.00   | 49.40           | 49.48        | 270.09         | 2537.19         | -46.42     | 649.25         | 550.39         | 6.57       |         |
| 11520.00  | 8980.00   | 11289.32 | 8980.00   | 49.90           | 49.98        | 270.09         | 2567.15         | -46.44     | 649.14         | 549.28         | 6.50       |         |
| 11550.00  | 8980.00   | 11319.28 | 8980.00   | 50.40           | 50.48        | 270.09         | 2597.11         | -46.47     | 649.03         | 548.18         | 6.44       |         |
| 11580.00  | 8980.00   | 11349.24 | 8980.00   | 50.90           | 50.98        | 270.09         | 2627.07         | -46.50     | 648.92         | 547.07         | 6.37       |         |
| 11610.00  | 8980.00   | 11379.21 | 8980.00   | 51.40           | 51.48        | 270.09         | 2657.04         | -46.54     | 648.82         | 545.96         | 6.31       |         |
| 11640.00  | 8980.00   | 11409.17 | 8980.00   | 51.91           | 51.98        | 270.09         | 2687.00         | -46.57     | 648.72         | 544.85         | 6.25       |         |
| 11670.00  | 8980.00   | 11439.13 | 8980.00   | 52.41           | 52.49        | 270.09         | 2716.96         | -46.61     | 648.62         | 543.75         | 6.18       |         |
| 11700.00  | 8980.00   | 11469.09 | 8980.00   | 52.91           | 52.99        | 270.09         | 2746.92         | -46.65     | 648.52         | 542.64         | 6.13       |         |
| 11730.00  | 8980.00   | 11499.06 | 8980.00   | 53.42           | 53.50        | 270.09         | 2776.89         | -46.69     | 648.42         | 541.53         | 6.07       |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 9  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H; Grid North  
Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |           | Offset   |           | Semi-Major Axis |              |               | Offset Location |            | Ctr-Ctr<br>Distance<br>ft | Edge<br>Distance<br>ft | Separation<br>Factor | Warning |
|-----------|-----------|----------|-----------|-----------------|--------------|---------------|-----------------|------------|---------------------------|------------------------|----------------------|---------|
| MD<br>ft  | TVD<br>ft | MD<br>ft | TVD<br>ft | Ref<br>ft       | Offset<br>ft | TFO-HS<br>deg | North<br>ft     | East<br>ft |                           |                        |                      |         |
| 11760.00  | 8980.00   | 11529.02 | 8980.00   | 53.92           | 54.00        | 270.09        | 2806.85         | -46.73     | 648.33                    | 540.42                 | 6.01                 |         |
| 11790.00  | 8980.00   | 11558.98 | 8980.00   | 54.43           | 54.51        | 270.09        | 2836.81         | -46.77     | 648.23                    | 539.32                 | 5.95                 |         |
| 11820.00  | 8980.00   | 11588.94 | 8980.00   | 54.94           | 55.02        | 270.09        | 2866.77         | -46.82     | 648.14                    | 538.21                 | 5.90                 |         |
| 11850.00  | 8980.00   | 11618.91 | 8980.00   | 55.45           | 55.53        | 270.09        | 2896.73         | -46.87     | 648.05                    | 537.10                 | 5.84                 |         |
| 11880.00  | 8980.00   | 11648.87 | 8980.00   | 55.95           | 56.04        | 270.09        | 2926.70         | -46.92     | 647.96                    | 535.99                 | 5.79                 |         |
| 11910.00  | 8980.00   | 11678.83 | 8980.00   | 56.46           | 56.55        | 270.09        | 2956.66         | -46.97     | 647.88                    | 534.89                 | 5.73                 |         |
| 11940.00  | 8980.00   | 11708.79 | 8980.00   | 56.97           | 57.06        | 270.09        | 2986.62         | -47.02     | 647.79                    | 533.78                 | 5.68                 |         |
| 11970.00  | 8980.00   | 11738.75 | 8980.00   | 57.49           | 57.57        | 270.09        | 3016.58         | -47.07     | 647.71                    | 532.68                 | 5.63                 |         |
| 12000.00  | 8980.00   | 11768.72 | 8980.00   | 58.00           | 58.08        | 270.09        | 3046.55         | -47.13     | 647.63                    | 531.57                 | 5.58                 |         |
| 12030.00  | 8980.00   | 11798.68 | 8980.00   | 58.51           | 58.59        | 270.09        | 3076.51         | -47.19     | 647.55                    | 530.47                 | 5.53                 |         |
| 12060.00  | 8980.00   | 11828.64 | 8980.00   | 59.02           | 59.11        | 270.09        | 3106.47         | -47.25     | 647.47                    | 529.36                 | 5.48                 |         |
| 12090.00  | 8980.00   | 11858.60 | 8980.00   | 59.54           | 59.62        | 270.09        | 3136.43         | -47.31     | 647.39                    | 528.26                 | 5.43                 |         |
| 12120.00  | 8980.00   | 11888.57 | 8980.00   | 60.05           | 60.14        | 270.09        | 3166.40         | -47.37     | 647.32                    | 527.15                 | 5.39                 |         |
| 12150.00  | 8980.00   | 11918.53 | 8980.00   | 60.57           | 60.65        | 270.09        | 3196.36         | -47.43     | 647.25                    | 526.05                 | 5.34                 |         |
| 12180.00  | 8980.00   | 11948.49 | 8980.00   | 61.08           | 61.17        | 270.09        | 3226.32         | -47.50     | 647.18                    | 524.95                 | 5.29                 |         |
| 12210.00  | 8980.00   | 11978.45 | 8980.00   | 61.60           | 61.68        | 270.09        | 3256.28         | -47.57     | 647.11                    | 523.85                 | 5.25                 |         |
| 12240.00  | 8980.00   | 12008.42 | 8980.00   | 62.11           | 62.20        | 270.09        | 3286.25         | -47.64     | 647.04                    | 522.74                 | 5.21                 |         |
| 12270.00  | 8980.00   | 12038.38 | 8980.00   | 62.63           | 62.72        | 270.09        | 3316.21         | -47.71     | 646.97                    | 521.64                 | 5.16                 |         |
| 12300.00  | 8980.00   | 12068.34 | 8980.00   | 63.15           | 63.24        | 270.09        | 3346.17         | -47.78     | 646.91                    | 520.55                 | 5.12                 |         |
| 12330.00  | 8980.00   | 12098.30 | 8980.00   | 63.67           | 63.75        | 270.09        | 3376.13         | -47.86     | 646.85                    | 519.45                 | 5.08                 |         |
| 12360.00  | 8980.00   | 12128.27 | 8980.00   | 64.18           | 64.27        | 270.09        | 3406.10         | -47.93     | 646.79                    | 518.35                 | 5.04                 |         |
| 12390.00  | 8980.00   | 12158.23 | 8980.00   | 64.70           | 64.79        | 270.09        | 3436.06         | -48.01     | 646.73                    | 517.25                 | 4.99                 |         |
| 12420.00  | 8980.00   | 12188.19 | 8980.00   | 65.22           | 65.31        | 270.09        | 3466.02         | -48.09     | 646.67                    | 516.15                 | 4.95                 |         |
| 12450.00  | 8980.00   | 12218.15 | 8980.00   | 65.74           | 65.83        | 270.09        | 3495.98         | -48.17     | 646.61                    | 515.06                 | 4.92                 |         |
| 12480.00  | 8980.00   | 12248.12 | 8980.00   | 66.26           | 66.35        | 270.09        | 3525.94         | -48.26     | 646.56                    | 513.96                 | 4.88                 |         |
| 12510.00  | 8980.00   | 12278.08 | 8980.00   | 66.78           | 66.87        | 270.09        | 3555.91         | -48.34     | 646.51                    | 512.87                 | 4.84                 |         |
| 12540.00  | 8980.00   | 12308.04 | 8980.00   | 67.31           | 67.40        | 270.09        | 3585.87         | -48.43     | 646.46                    | 511.78                 | 4.80                 |         |
| 12570.00  | 8980.00   | 12338.00 | 8980.00   | 67.83           | 67.92        | 270.09        | 3615.83         | -48.52     | 646.41                    | 510.68                 | 4.76                 |         |
| 12600.00  | 8980.00   | 12367.97 | 8980.00   | 68.35           | 68.44        | 270.09        | 3645.79         | -48.61     | 646.36                    | 509.59                 | 4.73                 |         |
| 12630.00  | 8980.00   | 12397.93 | 8980.00   | 68.87           | 68.96        | 270.09        | 3675.76         | -48.70     | 646.32                    | 508.50                 | 4.69                 |         |
| 12660.00  | 8980.00   | 12427.89 | 8980.00   | 69.40           | 69.49        | 270.09        | 3705.72         | -48.80     | 646.28                    | 507.41                 | 4.65                 |         |
| 12690.00  | 8980.00   | 12457.85 | 8980.00   | 69.92           | 70.01        | 270.09        | 3735.68         | -48.89     | 646.23                    | 506.32                 | 4.62                 |         |
| 12720.00  | 8980.00   | 12487.82 | 8980.00   | 70.44           | 70.53        | 270.09        | 3765.64         | -48.99     | 646.19                    | 505.24                 | 4.58                 |         |
| 12750.00  | 8980.00   | 12517.78 | 8980.00   | 70.97           | 71.06        | 270.09        | 3795.61         | -49.09     | 646.16                    | 504.15                 | 4.55                 |         |
| 12780.00  | 8980.00   | 12547.74 | 8980.00   | 71.49           | 71.58        | 270.09        | 3825.57         | -49.19     | 646.12                    | 503.06                 | 4.52                 |         |
| 12810.00  | 8980.00   | 12577.70 | 8980.00   | 72.02           | 72.11        | 270.09        | 3855.53         | -49.29     | 646.09                    | 501.98                 | 4.48                 |         |
| 12840.00  | 8980.00   | 12607.67 | 8980.00   | 72.54           | 72.63        | 270.09        | 3885.49         | -49.40     | 646.05                    | 500.90                 | 4.45                 |         |
| 12870.00  | 8980.00   | 12637.63 | 8980.00   | 73.07           | 73.16        | 270.09        | 3915.46         | -49.50     | 646.02                    | 499.81                 | 4.42                 |         |
| 12900.00  | 8980.00   | 12667.59 | 8980.00   | 73.59           | 73.68        | 270.09        | 3945.42         | -49.61     | 645.99                    | 498.73                 | 4.39                 |         |
| 12930.00  | 8980.00   | 12697.56 | 8980.00   | 74.12           | 74.21        | 270.09        | 3975.38         | -49.72     | 645.96                    | 497.65                 | 4.36                 |         |
| 12960.00  | 8980.00   | 12727.52 | 8980.00   | 74.65           | 74.74        | 270.09        | 4005.34         | -49.83     | 645.94                    | 496.57                 | 4.32                 |         |
| 12990.00  | 8980.00   | 12757.48 | 8980.00   | 75.17           | 75.26        | 270.09        | 4035.31         | -49.94     | 645.91                    | 495.50                 | 4.29                 |         |
| 13020.00  | 8980.00   | 12787.44 | 8980.00   | 75.70           | 75.79        | 270.09        | 4065.27         | -50.06     | 645.89                    | 494.42                 | 4.26                 |         |
| 13050.00  | 8980.00   | 12817.41 | 8980.00   | 76.23           | 76.32        | 270.09        | 4095.23         | -50.17     | 645.87                    | 493.34                 | 4.23                 |         |
| 13080.00  | 8980.00   | 12847.37 | 8980.00   | 76.75           | 76.85        | 270.09        | 4125.19         | -50.29     | 645.85                    | 492.27                 | 4.21                 |         |
| 13110.00  | 8980.00   | 12877.33 | 8980.00   | 77.28           | 77.37        | 270.09        | 4155.16         | -50.41     | 645.84                    | 491.20                 | 4.18                 |         |
| 13140.00  | 8980.00   | 12907.29 | 8980.00   | 77.81           | 77.90        | 270.09        | 4185.12         | -50.53     | 645.82                    | 490.12                 | 4.15                 |         |
| 13170.00  | 8980.00   | 12937.26 | 8980.00   | 78.34           | 78.43        | 270.09        | 4215.08         | -50.66     | 645.81                    | 489.05                 | 4.12                 |         |
| 13200.00  | 8980.00   | 12967.22 | 8980.00   | 78.87           | 78.96        | 270.09        | 4245.04         | -50.78     | 645.79                    | 487.98                 | 4.09                 |         |
| 13230.00  | 8980.00   | 12997.18 | 8980.00   | 79.40           | 79.49        | 270.09        | 4275.00         | -50.91     | 645.78                    | 486.91                 | 4.06                 |         |
| 13260.00  | 8980.00   | 13027.14 | 8980.00   | 79.93           | 80.02        | 270.09        | 4304.97         | -51.04     | 645.78                    | 485.85                 | 4.04                 |         |



Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 10  
 Field: Eddy Co., NM (NAD 83)  
 Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid North  
 Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
 Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
 Well: Cotton Draw Unit #136H  
 Wellpath: 1 VO Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference MD | Reference TVD | Offset MD | Offset TVD | Semi-Major Axis Ref | Semi-Major Axis Offset | TFO-IIS | Offset Location North | Offset Location East | Ctr-Ctr Distance | Edge Distance | Separation Factor | Warning |
|--------------|---------------|-----------|------------|---------------------|------------------------|---------|-----------------------|----------------------|------------------|---------------|-------------------|---------|
| ft           | ft            | ft        | ft         | ft                  | ft                     | deg     | ft                    | ft                   | ft               | ft            |                   |         |
| 13290.00     | 8980.00       | 13057.11  | 8980.00    | 80.46               | 80.55                  | 270.09  | 4334.93               | -51.17               | 645.77           | 484.78        | 4.01              |         |
| 13320.00     | 8980.00       | 13087.07  | 8980.00    | 80.99               | 81.08                  | 270.09  | 4364.89               | -51.30               | 645.76           | 483.72        | 3.99              |         |
| 13350.00     | 8980.00       | 13117.03  | 8980.00    | 81.52               | 81.61                  | 270.09  | 4394.85               | -51.44               | 645.76           | 482.65        | 3.96              |         |
| 13380.00     | 8980.00       | 13146.99  | 8980.00    | 82.05               | 82.14                  | 270.09  | 4424.82               | -51.57               | 645.76           | 481.59        | 3.93              |         |
| 13410.00     | 8980.00       | 13176.96  | 8980.00    | 82.58               | 82.67                  | 270.09  | 4454.78               | -51.71               | 645.76           | 480.53        | 3.91              |         |
| 13440.00     | 8980.00       | 13206.92  | 8980.00    | 83.11               | 83.20                  | 270.09  | 4484.74               | -51.85               | 645.76           | 479.47        | 3.88              |         |
| 13470.00     | 8980.00       | 13236.88  | 8980.00    | 83.64               | 83.73                  | 270.09  | 4514.70               | -51.99               | 645.77           | 478.41        | 3.86              |         |
| 13500.00     | 8980.00       | 13266.84  | 8980.00    | 84.17               | 84.26                  | 270.09  | 4544.67               | -52.13               | 645.77           | 477.35        | 3.83              |         |
| 13530.00     | 8980.00       | 13296.81  | 8980.00    | 84.70               | 84.79                  | 270.09  | 4574.63               | -52.27               | 645.78           | 476.30        | 3.81              |         |
| 13560.00     | 8980.00       | 13326.77  | 8980.00    | 85.23               | 85.32                  | 270.09  | 4604.59               | -52.42               | 645.79           | 475.24        | 3.79              |         |
| 13590.00     | 8980.00       | 13356.73  | 8980.00    | 85.77               | 85.86                  | 270.09  | 4634.55               | -52.57               | 645.80           | 474.19        | 3.76              |         |
| 13620.00     | 8980.00       | 13386.70  | 8980.00    | 86.30               | 86.39                  | 270.09  | 4664.51               | -52.72               | 645.81           | 473.14        | 3.74              |         |
| 13650.00     | 8980.00       | 13416.66  | 8980.00    | 86.83               | 86.92                  | 270.09  | 4694.48               | -52.87               | 645.82           | 472.09        | 3.72              |         |
| 13680.00     | 8980.00       | 13446.62  | 8980.00    | 87.36               | 87.45                  | 270.09  | 4724.44               | -53.02               | 645.84           | 471.04        | 3.69              |         |
| 13710.00     | 8980.00       | 13476.58  | 8980.00    | 87.89               | 87.99                  | 270.09  | 4754.40               | -53.18               | 645.86           | 469.99        | 3.67              |         |
| 13740.00     | 8980.00       | 13506.55  | 8980.00    | 88.43               | 88.52                  | 270.09  | 4784.36               | -53.33               | 645.88           | 468.95        | 3.65              |         |
| 13770.00     | 8980.00       | 13536.51  | 8980.00    | 88.96               | 89.05                  | 270.09  | 4814.33               | -53.49               | 645.90           | 467.90        | 3.63              |         |
| 13800.00     | 8980.00       | 13566.47  | 8980.00    | 89.49               | 89.58                  | 270.09  | 4844.29               | -53.65               | 645.92           | 466.86        | 3.61              |         |
| 13830.00     | 8980.00       | 13596.43  | 8980.00    | 90.03               | 90.12                  | 270.09  | 4874.25               | -53.81               | 645.94           | 465.81        | 3.59              |         |
| 13860.00     | 8980.00       | 13626.40  | 8980.00    | 90.56               | 90.65                  | 270.09  | 4904.21               | -53.98               | 645.97           | 464.77        | 3.57              |         |
| 13890.00     | 8980.00       | 13656.36  | 8980.00    | 91.09               | 91.18                  | 270.09  | 4934.17               | -54.14               | 646.00           | 463.73        | 3.54              |         |
| 13920.00     | 8980.00       | 13686.32  | 8980.00    | 91.63               | 91.72                  | 270.09  | 4964.14               | -54.31               | 646.03           | 462.70        | 3.52              |         |
| 13950.00     | 8980.00       | 13716.28  | 8980.00    | 92.16               | 92.25                  | 270.09  | 4994.10               | -54.48               | 646.06           | 461.66        | 3.50              |         |
| 13980.00     | 8980.00       | 13746.25  | 8980.00    | 92.70               | 92.79                  | 270.09  | 5024.06               | -54.65               | 646.09           | 460.62        | 3.48              |         |
| 14010.00     | 8980.00       | 13776.21  | 8980.00    | 93.23               | 93.32                  | 270.09  | 5054.02               | -54.82               | 646.13           | 459.59        | 3.46              |         |
| 14040.00     | 8980.00       | 13806.17  | 8980.00    | 93.77               | 93.86                  | 270.09  | 5083.98               | -54.99               | 646.16           | 458.56        | 3.44              |         |
| 14070.00     | 8980.00       | 13836.13  | 8980.00    | 94.30               | 94.39                  | 270.09  | 5113.95               | -55.17               | 646.20           | 457.53        | 3.42              |         |
| 14100.00     | 8980.00       | 13866.10  | 8980.00    | 94.83               | 94.93                  | 270.09  | 5143.91               | -55.35               | 646.24           | 456.50        | 3.41              |         |
| 14130.00     | 8980.00       | 13896.06  | 8980.00    | 95.37               | 95.46                  | 270.09  | 5173.87               | -55.52               | 646.29           | 455.47        | 3.39              |         |
| 14160.00     | 8979.99       | 13926.02  | 8980.00    | 95.91               | 96.00                  | 270.09  | 5203.83               | -55.70               | 646.33           | 454.44        | 3.37              |         |
| 14190.00     | 8979.99       | 13955.98  | 8980.00    | 96.44               | 96.53                  | 270.09  | 5233.80               | -55.89               | 646.37           | 453.42        | 3.35              |         |
| 14220.00     | 8979.99       | 13985.95  | 8980.00    | 96.98               | 97.07                  | 270.09  | 5263.76               | -56.07               | 646.42           | 452.39        | 3.33              |         |
| 14250.00     | 8979.99       | 14015.91  | 8980.00    | 97.51               | 97.60                  | 270.09  | 5293.72               | -56.26               | 646.47           | 451.37        | 3.31              |         |
| 14280.00     | 8979.99       | 14045.87  | 8980.00    | 98.05               | 98.14                  | 270.09  | 5323.68               | -56.44               | 646.52           | 450.35        | 3.30              |         |
| 14310.00     | 8979.99       | 14075.83  | 8980.00    | 98.58               | 98.67                  | 270.09  | 5353.64               | -56.63               | 646.57           | 449.33        | 3.28              |         |
| 14340.00     | 8979.99       | 14105.80  | 8980.00    | 99.12               | 99.21                  | 270.09  | 5383.60               | -56.83               | 646.63           | 448.31        | 3.26              |         |
| 14370.00     | 8979.99       | 14135.76  | 8980.00    | 99.66               | 99.74                  | 270.09  | 5413.57               | -57.02               | 646.68           | 447.30        | 3.24              |         |
| 14400.00     | 8979.99       | 14165.72  | 8980.00    | 100.19              | 100.28                 | 270.09  | 5443.53               | -57.21               | 646.74           | 446.28        | 3.23              |         |
| 14430.00     | 8979.99       | 14195.68  | 8980.00    | 100.73              | 100.82                 | 270.09  | 5473.49               | -57.41               | 646.80           | 445.27        | 3.21              |         |
| 14460.00     | 8979.99       | 14225.65  | 8980.00    | 101.26              | 101.35                 | 270.09  | 5503.45               | -57.61               | 646.86           | 444.26        | 3.19              |         |
| 14490.00     | 8979.99       | 14255.61  | 8980.00    | 101.80              | 101.89                 | 270.09  | 5533.41               | -57.81               | 646.92           | 443.25        | 3.18              |         |
| 14520.00     | 8979.99       | 14285.57  | 8980.00    | 102.34              | 102.43                 | 270.09  | 5563.38               | -58.01               | 646.99           | 442.24        | 3.16              |         |
| 14550.00     | 8979.99       | 14315.53  | 8980.00    | 102.87              | 102.96                 | 270.09  | 5593.34               | -58.21               | 647.05           | 441.23        | 3.14              |         |
| 14580.00     | 8979.99       | 14345.50  | 8980.00    | 103.41              | 103.50                 | 270.09  | 5623.30               | -58.42               | 647.12           | 440.22        | 3.13              |         |
| 14610.00     | 8979.99       | 14375.46  | 8980.00    | 103.95              | 104.04                 | 270.09  | 5653.26               | -58.62               | 647.19           | 439.22        | 3.11              |         |
| 14640.00     | 8979.99       | 14405.42  | 8980.00    | 104.49              | 104.57                 | 270.09  | 5683.22               | -58.83               | 647.26           | 438.21        | 3.10              |         |
| 14670.00     | 8979.99       | 14435.38  | 8980.00    | 105.02              | 105.11                 | 270.09  | 5713.18               | -59.04               | 647.34           | 437.21        | 3.08              |         |
| 14700.00     | 8979.99       | 14465.35  | 8980.00    | 105.56              | 105.65                 | 270.09  | 5743.15               | -59.25               | 647.41           | 436.21        | 3.07              |         |
| 14730.00     | 8979.99       | 14495.31  | 8980.00    | 106.10              | 106.19                 | 270.09  | 5773.11               | -59.47               | 647.49           | 435.21        | 3.05              |         |
| 14760.00     | 8979.99       | 14525.27  | 8980.00    | 106.64              | 106.72                 | 270.09  | 5803.07               | -59.68               | 647.57           | 434.22        | 3.04              |         |
| 14790.00     | 8979.99       | 14555.23  | 8980.00    | 107.17              | 107.26                 | 270.09  | 5833.03               | -59.90               | 647.65           | 433.22        | 3.02              |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H  
Reference Well: Cotton Draw Unit #137H  
Reference Wellpath: 1

Date: 11/1/2010  
Time: 11:27:45  
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Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid North  
Vertical (TVD) Reference: SITE 3445.0  
Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        | Offset Location |         | North  | East | Ctr-Ctr Distance | Edge Separation Distance | Factor | Warning |
|-----------|---------|----------|---------|-----------------|--------|-----------------|---------|--------|------|------------------|--------------------------|--------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-IIS         | deg     |        |      |                  |                          |        |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg             |         | ft     | ft   | ft               | ft                       |        |         |
| 14820.00  | 8979.99 | 14585.20 | 8980.00 | 107.71          | 107.80 | 270.09          | 5862.99 | -60.12 |      | 647.73           | 432.23                   | 3.01   |         |
| 14850.00  | 8979.99 | 14615.16 | 8980.00 | 108.25          | 108.34 | 270.09          | 5892.95 | -60.34 |      | 647.81           | 431.24                   | 2.99   |         |
| 14880.00  | 8979.99 | 14645.12 | 8980.00 | 108.79          | 108.88 | 270.09          | 5922.92 | -60.56 |      | 647.90           | 430.24                   | 2.98   |         |
| 14910.00  | 8979.99 | 14675.08 | 8980.00 | 109.33          | 109.41 | 270.09          | 5952.88 | -60.79 |      | 647.98           | 429.26                   | 2.96   |         |
| 14940.00  | 8979.99 | 14705.05 | 8980.00 | 109.86          | 109.95 | 270.09          | 5982.84 | -61.01 |      | 648.07           | 428.27                   | 2.95   |         |
| 14970.00  | 8979.99 | 14735.01 | 8980.00 | 110.40          | 110.49 | 270.09          | 6012.80 | -61.24 |      | 648.16           | 427.28                   | 2.93   |         |
| 15000.00  | 8979.99 | 14764.97 | 8980.00 | 110.94          | 111.03 | 270.09          | 6042.76 | -61.47 |      | 648.25           | 426.30                   | 2.92   |         |
| 15030.00  | 8979.99 | 14794.93 | 8980.00 | 111.48          | 111.57 | 270.09          | 6072.72 | -61.70 |      | 648.35           | 425.31                   | 2.91   |         |
| 15060.00  | 8979.99 | 14824.90 | 8980.00 | 112.02          | 112.11 | 270.09          | 6102.69 | -61.93 |      | 648.44           | 424.33                   | 2.89   |         |
| 15090.00  | 8979.99 | 14854.86 | 8980.00 | 112.56          | 112.64 | 270.09          | 6132.65 | -62.17 |      | 648.54           | 423.35                   | 2.88   |         |
| 15120.00  | 8979.99 | 14884.82 | 8980.00 | 113.10          | 113.18 | 270.09          | 6162.61 | -62.40 |      | 648.64           | 422.37                   | 2.87   |         |
| 15150.00  | 8979.99 | 14914.78 | 8980.00 | 113.64          | 113.72 | 270.09          | 6192.57 | -62.64 |      | 648.74           | 421.40                   | 2.85   |         |
| 15180.00  | 8979.99 | 14944.74 | 8980.00 | 114.17          | 114.26 | 270.09          | 6222.53 | -62.88 |      | 648.84           | 420.42                   | 2.84   |         |
| 15210.00  | 8979.99 | 14974.71 | 8980.00 | 114.71          | 114.80 | 270.09          | 6252.49 | -63.12 |      | 648.95           | 419.45                   | 2.83   |         |
| 15240.00  | 8979.99 | 15004.67 | 8980.00 | 115.25          | 115.34 | 270.09          | 6282.45 | -63.36 |      | 649.05           | 418.47                   | 2.81   |         |
| 15270.00  | 8979.99 | 15034.63 | 8980.00 | 115.79          | 115.88 | 270.09          | 6312.41 | -63.61 |      | 649.16           | 417.50                   | 2.80   |         |
| 15300.00  | 8979.99 | 15064.59 | 8980.00 | 116.33          | 116.42 | 270.09          | 6342.38 | -63.86 |      | 649.27           | 416.53                   | 2.79   |         |
| 15330.00  | 8979.99 | 15094.56 | 8980.00 | 116.87          | 116.96 | 270.09          | 6372.34 | -64.10 |      | 649.38           | 415.57                   | 2.78   |         |
| 15360.00  | 8979.99 | 15124.52 | 8980.00 | 117.41          | 117.50 | 270.09          | 6402.30 | -64.35 |      | 649.50           | 414.60                   | 2.77   |         |
| 15390.00  | 8979.99 | 15154.48 | 8980.00 | 117.95          | 118.04 | 270.09          | 6432.26 | -64.61 |      | 649.61           | 413.64                   | 2.75   |         |
| 15420.00  | 8979.99 | 15184.44 | 8980.00 | 118.49          | 118.58 | 270.09          | 6462.22 | -64.86 |      | 649.73           | 412.67                   | 2.74   |         |
| 15450.00  | 8979.99 | 15214.40 | 8980.00 | 119.03          | 119.12 | 270.09          | 6492.18 | -65.11 |      | 649.85           | 411.71                   | 2.73   |         |
| 15480.00  | 8979.99 | 15244.37 | 8980.00 | 119.57          | 119.66 | 270.09          | 6522.14 | -65.37 |      | 649.97           | 410.75                   | 2.72   |         |
| 15510.00  | 8979.99 | 15274.33 | 8980.00 | 120.11          | 120.20 | 270.09          | 6552.10 | -65.63 |      | 650.09           | 409.80                   | 2.71   |         |
| 15540.00  | 8979.99 | 15304.29 | 8980.00 | 120.65          | 120.74 | 270.09          | 6582.06 | -65.89 |      | 650.21           | 408.84                   | 2.69   |         |
| 15570.00  | 8979.99 | 15334.25 | 8980.00 | 121.19          | 121.28 | 270.09          | 6612.03 | -66.15 |      | 650.34           | 407.88                   | 2.68   |         |
| 15600.00  | 8979.99 | 15364.22 | 8980.00 | 121.73          | 121.82 | 270.09          | 6641.99 | -66.42 |      | 650.46           | 406.93                   | 2.67   |         |
| 15630.00  | 8979.99 | 15394.18 | 8980.00 | 122.27          | 122.36 | 270.09          | 6671.95 | -66.68 |      | 650.59           | 405.98                   | 2.66   |         |
| 15660.00  | 8979.99 | 15424.14 | 8980.00 | 122.81          | 122.90 | 270.09          | 6701.91 | -66.95 |      | 650.72           | 405.03                   | 2.65   |         |
| 15690.00  | 8979.99 | 15454.10 | 8980.00 | 123.35          | 123.44 | 270.09          | 6731.87 | -67.22 |      | 650.85           | 404.08                   | 2.64   |         |
| 15720.00  | 8979.99 | 15484.06 | 8980.00 | 123.89          | 123.98 | 270.09          | 6761.83 | -67.49 |      | 650.99           | 403.13                   | 2.63   |         |
| 15750.00  | 8979.99 | 15514.03 | 8980.00 | 124.43          | 124.52 | 270.09          | 6791.79 | -67.76 |      | 651.12           | 402.19                   | 2.62   |         |
| 15780.00  | 8979.99 | 15543.99 | 8980.00 | 124.97          | 125.06 | 270.09          | 6821.75 | -68.04 |      | 651.26           | 401.24                   | 2.60   |         |
| 15810.00  | 8979.99 | 15573.95 | 8980.00 | 125.51          | 125.60 | 270.09          | 6851.71 | -68.31 |      | 651.40           | 400.30                   | 2.59   |         |
| 15840.00  | 8979.99 | 15603.91 | 8980.00 | 126.05          | 126.14 | 270.09          | 6881.67 | -68.59 |      | 651.54           | 399.36                   | 2.58   |         |
| 15870.00  | 8979.99 | 15633.87 | 8980.00 | 126.59          | 126.68 | 270.09          | 6911.63 | -68.87 |      | 651.68           | 398.42                   | 2.57   |         |
| 15900.00  | 8979.99 | 15663.84 | 8980.00 | 127.13          | 127.22 | 270.09          | 6941.59 | -69.15 |      | 651.83           | 397.48                   | 2.56   |         |
| 15930.00  | 8979.99 | 15693.80 | 8980.00 | 127.67          | 127.76 | 270.09          | 6971.55 | -69.43 |      | 651.97           | 396.55                   | 2.55   |         |
| 15960.00  | 8979.99 | 15723.76 | 8980.00 | 128.22          | 128.30 | 270.09          | 7001.51 | -69.72 |      | 652.12           | 395.61                   | 2.54   |         |
| 15990.00  | 8979.99 | 15753.72 | 8980.00 | 128.76          | 128.84 | 270.09          | 7031.48 | -70.01 |      | 652.27           | 394.68                   | 2.53   |         |
| 16020.00  | 8979.99 | 15783.68 | 8980.00 | 129.30          | 129.39 | 270.09          | 7061.44 | -70.29 |      | 652.42           | 393.75                   | 2.52   |         |
| 16050.00  | 8979.99 | 15813.64 | 8980.00 | 129.84          | 129.93 | 270.09          | 7091.40 | -70.58 |      | 652.58           | 392.82                   | 2.51   |         |
| 16080.00  | 8979.99 | 15843.61 | 8980.00 | 130.38          | 130.47 | 270.09          | 7121.36 | -70.88 |      | 652.73           | 391.89                   | 2.50   |         |
| 16110.00  | 8979.99 | 15873.57 | 8980.00 | 130.92          | 131.01 | 270.09          | 7151.32 | -71.17 |      | 652.89           | 390.97                   | 2.49   |         |
| 16140.00  | 8979.99 | 15903.53 | 8980.00 | 131.46          | 131.55 | 270.09          | 7181.28 | -71.46 |      | 653.05           | 390.04                   | 2.48   |         |
| 16170.00  | 8979.99 | 15933.49 | 8980.00 | 132.00          | 132.09 | 270.09          | 7211.24 | -71.76 |      | 653.21           | 389.12                   | 2.47   |         |
| 16200.00  | 8979.99 | 15963.45 | 8980.00 | 132.55          | 132.63 | 270.09          | 7241.20 | -72.06 |      | 653.37           | 388.20                   | 2.46   |         |
| 16230.00  | 8979.99 | 15993.42 | 8980.00 | 133.09          | 133.17 | 270.09          | 7271.16 | -72.36 |      | 653.53           | 387.28                   | 2.45   |         |
| 16260.00  | 8979.99 | 16023.38 | 8980.00 | 133.63          | 133.72 | 270.09          | 7301.12 | -72.66 |      | 653.70           | 386.36                   | 2.45   |         |
| 16290.00  | 8979.99 | 16053.34 | 8980.00 | 134.17          | 134.26 | 270.09          | 7331.08 | -72.97 |      | 653.86           | 385.45                   | 2.44   |         |
| 16320.00  | 8979.99 | 16083.30 | 8980.00 | 134.71          | 134.80 | 270.09          | 7361.04 | -73.27 |      | 654.03           | 384.53                   | 2.43   |         |



# Weatherford International Ltd.

## Anticollision Report

**Weatherford**

Company: Devon Energy Date: 11/1/2010 Time: 11:27:45 Page: 12  
Field: Eddy Co., NM (NAD 83)  
Reference Site: Cotton Draw Unit #137H Co-ordinate(NE) Reference: Well: Cotton Draw Unit #137H, Grid North  
Reference Well: Cotton Draw Unit #137H Vertical (TVD) Reference: SITE 3445.0  
Reference Wellpath: 1 Db: Sybase

Site: Cotton Draw Unit #136H  
Well: Cotton Draw Unit #136H  
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

| Reference |         | Offset   |         | Semi-Major Axis |        |         | Offset Location |        | Ctr-Ctr  | Edge     | Separation | Warning |
|-----------|---------|----------|---------|-----------------|--------|---------|-----------------|--------|----------|----------|------------|---------|
| MD        | TVD     | MD       | TVD     | Ref             | Offset | TFO-IIS | North           | East   | Distance | Distance | Factor     |         |
| ft        | ft      | ft       | ft      | ft              | ft     | deg     | ft              | ft     | ft       | ft       |            |         |
| 16350.00  | 8979.99 | 16113.26 | 8980.00 | 135.25          | 135.34 | 270.09  | 7391.00         | -73.58 | 654.20   | 383.62   | 2.42       |         |
| 16380.00  | 8979.99 | 16143.22 | 8980.00 | 135.80          | 135.88 | 270.09  | 7420.96         | -73.89 | 654.37   | 382.71   | 2.41       |         |
| 16410.00  | 8979.99 | 16173.19 | 8980.00 | 136.34          | 136.42 | 270.09  | 7450.92         | -74.20 | 654.55   | 381.80   | 2.40       |         |
| 16440.00  | 8979.99 | 16203.15 | 8980.00 | 136.88          | 136.97 | 270.09  | 7480.88         | -74.51 | 654.72   | 380.89   | 2.39       |         |
| 16470.00  | 8979.99 | 16233.11 | 8980.00 | 137.42          | 137.51 | 270.09  | 7510.84         | -74.82 | 654.90   | 379.98   | 2.38       |         |
| 16500.00  | 8979.99 | 16263.07 | 8980.00 | 137.96          | 138.05 | 270.09  | 7540.80         | -75.14 | 655.08   | 379.08   | 2.37       |         |
| 16530.00  | 8979.99 | 16293.03 | 8980.00 | 138.50          | 138.59 | 270.09  | 7570.76         | -75.46 | 655.26   | 378.17   | 2.36       |         |
| 16560.00  | 8979.99 | 16322.99 | 8980.00 | 139.05          | 139.13 | 270.09  | 7600.72         | -75.78 | 655.44   | 377.27   | 2.36       |         |
| 16590.00  | 8979.99 | 16352.95 | 8980.00 | 139.59          | 139.68 | 270.09  | 7630.68         | -76.10 | 655.63   | 376.37   | 2.35       |         |
| 16620.00  | 8979.99 | 16382.92 | 8980.00 | 140.13          | 140.22 | 270.09  | 7660.64         | -76.42 | 655.81   | 375.47   | 2.34       |         |
| 16641.91  | 8980.00 | 16404.79 | 8980.00 | 140.53          | 140.61 | 270.09  | 7682.51         | -76.66 | 655.96   | 374.83   | 2.33       |         |

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

GeoDec v5.03

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Report Date: November 01, 2010  
Job Number: \_\_\_\_\_  
Customer: Devon Energy  
Well Name: Cotton Draw Unit #137H  
API Number: \_\_\_\_\_  
Rig Name: \_\_\_\_\_  
Location: Eddy Co, NM  
Block: \_\_\_\_\_  
Engineer: R Joyner

---

|                                              |                                             |
|----------------------------------------------|---------------------------------------------|
| 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 419733.400 USFT                  | Latitude 32.1525889 DEG                     |
| East/West 721336.780 USFT                    | Longitude -103.7517072 DEG                  |
| Grid Convergence: .31°                       |                                             |
| Total Correction: +7.39°                     |                                             |

---

|                         |              |                       |
|-------------------------|--------------|-----------------------|
| Geodetic Location WGS84 | Elevation =  | 0.0 Meters            |
| Latitude =              | 32.15259° N  | 32° 9 min 9.320 sec   |
| Longitude =             | 103.75171° W | 103° 45 min 6.146 sec |

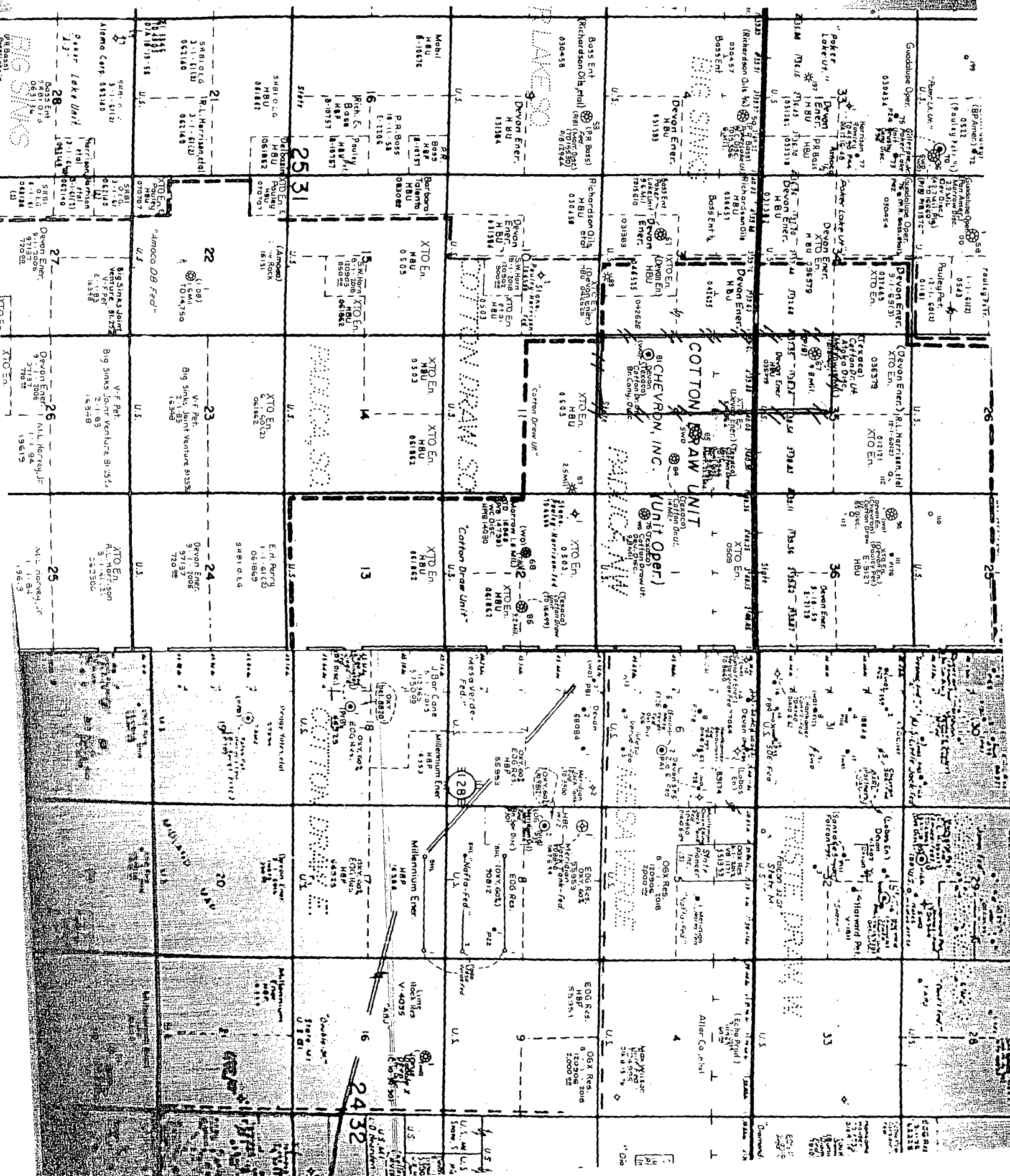
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|                        |              |                              |
|------------------------|--------------|------------------------------|
| Magnetic Declination = | 7.70°        | [True North Offset]          |
| Local Gravity =        | .9988 g      | Checksum = 6503              |
| Local Field Strength = | 48600 nT     | Magnetic Vector X = 24012 nT |
| Magnetic Dip =         | 60.10°       | Magnetic Vector Y = 3245 nT  |
| Magnetic Model =       | IGRF-2010g11 | Magnetic Vector Z = 42129 nT |
| Spud Date =            | Mar 15, 2011 | Magnetic Vector H = 24230 nT |

---

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

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



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1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals &amp; 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           |
| <sup>4</sup> Property Code     | <sup>5</sup> Property Name<br>COTTON DRAW                           | <sup>6</sup> Well Number<br>135H |
| <sup>7</sup> OGRID No.<br>6137 | <sup>8</sup> Operator Name<br>DEVON ENERGY PRODUCTION COMPANY, L.P. | <sup>9</sup> Elevation<br>3420.8 |

<sup>10</sup> Surface Location

|                    |              |                  |               |         |                      |                           |                       |                        |                |
|--------------------|--------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot no.<br>N | Section<br>2 | Township<br>25 S | Range<br>31 E | Lot Idn | Feet from the<br>200 | North/South line<br>SOUTH | Feet from the<br>1600 | East/West line<br>WEST | County<br>EDDY |
|--------------------|--------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

|                    |               |                  |               |         |                       |                           |                      |                        |                |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|
| UL or lot no.<br>L | Section<br>35 | Township<br>24 S | Range<br>31 E | Lot Idn | Feet from the<br>2600 | North/South line<br>SOUTH | Feet from the<br>986 | East/West line<br>WEST | County<br>EDDY |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|

|                               |                               |                                  |                         |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <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>NW CORNER SEC. 35<br/>LAT. = 32°10'51.95"N<br/>LONG. = 103°45'25.66"W</p> <p>NMSP EAST (FT)<br/>N = 430036.93<br/>E = 719612.25</p> <p>TOE TARGET<br/>LAT. = 32°10'25.46"N<br/>LONG. = 103°45'14.19"W<br/>NMSP EAST (FT)<br/>N = 427432.90<br/>E = 720604.03</p> <p>SECTION CORNER<br/>LAT. = 32°10'00.38"N<br/>LONG. = 103°45'25.66"W<br/>NMSP EAST (FT)<br/>N = 424824.54<br/>E = 719621.10</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>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><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location 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><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>AUGUST 2009</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>Certificate Number _____</p> <p>NEW MEXICO<br/>FILED<br/>12797<br/>SILVIO F. JARAMILLO, PLS 12797<br/>REGISTERED LAND SURVEYOR<br/>SURVEY NO. 174-R1</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**District I**

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## State of New Mexico

Energy, Minerals &amp; 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                  |
| <sup>4</sup> Property Code            | <sup>5</sup> Property Name<br><b>COTTON DRAW</b>                           | <sup>6</sup> Well Number<br><b>136H</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>3421.3</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>2</b> | <b>25 S</b> | <b>31 E</b> |         | <b>200</b>    | <b>SOUTH</b>     | <b>1650</b>   | <b>WEST</b>    | <b>EDDY</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>K</b>      | <b>35</b> | <b>24 S</b> | <b>31 E</b> |         | <b>2600</b>   | <b>SOUTH</b>     | <b>1642</b>   | <b>WEST</b>    | <b>EDDY</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>NW CORNER SEC. 35<br/>LAT. = 32°10'51.95"N<br/>LONG. = 103°45'25.66"W<br/>NMSP EAST (FT)<br/>N = 430036.93<br/>E = 719612.25</p> <p>TOE TARGET<br/>LAT. = 32°10'25.42"N<br/>LONG. = 103°45'06.56"W<br/>NMSP EAST (FT)<br/>N = 427423.46<br/>E = 721260.04</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>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>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><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location 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><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>AUGUST 9, 2010</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>Certificate Number _____</p> <p>SURVEY NO. 175-R1</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## 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>COTTON DRAW</b>                           | <sup>6</sup> Well Number<br><b>137H</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>3420.0</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>2</b> | <b>25 S</b> | <b>31 E</b> |         | <b>200</b>    | <b>SOUTH</b>     | <b>1700</b>   | <b>WEST</b>    | <b>EDDY</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>K</b>      | <b>35</b> | <b>24 S</b> | <b>31 E</b> |         | <b>2600</b>   | <b>SOUTH</b>     | <b>2298</b>   | <b>WEST</b>    | <b>EDDY</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.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <p>NW CORNER SEC. 35<br/>LAT. = 32°10'51.95"N<br/>LONG. = 103°45'25.66"W<br/>NMSP EAST (FT)<br/>N = 430036.93<br/>E = 719612.25</p> <p>TOE TARGET<br/>LAT. = 32°10'25.38"N<br/>LONG. = 103°44'58.92"W<br/>NMSP EAST (FT)<br/>N = 427423.03<br/>E = 721916.04</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>SW CORNER SEC. 35<br/>LAT. = 32°09'08.16"N<br/>LONG. = 103°45'26.03"W<br/>NMSP EAST (FT)<br/>N = 419545.75<br/>E = 719636.11</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><sup>17</sup> OPERATOR CERTIFICATION<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 unleased 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 _____<br/>Printed Name _____</p> <p><sup>18</sup> SURVEYOR CERTIFICATION<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 9, 2010<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____<br/>Certificate Number: 12797<br/>SURVEY NO. 176-R1</p> |
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