

RECEIVED
JUN -4 2010
NMOC-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NM-012121	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., ☐ Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		7. Unit or CA Agreement Name and No.	
3. Address 20 North Broadway, Oklahoma City, OK 73102-8260		8. Lease Name and Well No. Cotton Draw #115 H	
3a. Phone No. (include area code) 405-235-3611		9. API Well No. 30-015-37362	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 330' FNL 1980' FEL At top prod. Interval reported below BHL: 330' FSL 1980' FEL At total Depth BHL: 330' FSL 1980' FEL PP: 1077' FNL 1972' FEL		10. Field and Pool, or Exploration Poker Lake South	
14. Date Spudded 1/30/2010		11. Sec. T., R., M., on Block and Survey or Area B SEC 26 T24S R31E	
15. Date T.D. Reached 2/22/2010		12. County or Parish 13. State Eddy NM	
16. Date Completed 5/4/2010 ☐ D & A ☒ Ready to Prod.		17. Elevations (DR, RKB, RT, GL)* 3539' GL	
18. Total Depth: MD 12,505' TVD 8054'		20. Depth Bridge Plug Set: MD TVI	
19. Plug Back T.D.: MD 12,318' TVI		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H-40	48#	0	873'		850 sx CI C; 150 sx to pit		Surface	
12 1/4"	9 5/8" J-55	36 & 40#	0	4300'	TOC 4247'	1300 sx CI C; 338 sx to pit			
8 1/2"	5/12"	17# N80	0	12,505'		2300sx H			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Delaware	10,771	12,378	10771-12,378		48	Producing
Delaware	8660	10,790	8660-10,790		48	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10771-12378'	Acidize 7 1/2% HCL. Pump 500g rust buster & 2 bbls 2% KCL, 3800g 7 1/2% w/10 BS. Pump 476 bbls Spectra Frac 2800 pad, pump 9741# 100 mesh sd. Pump 2571# white sd. FL w/ 250 bbls 10# Linear Gel. Pump 2000g Acidize w/ 7 1/2% HCL pump 500g. Pump Spectra Frac 2800, 8548# 100 FL w/ 249 bbls 10# Linear Gel. Mesh sd, 323,616# 20/40 white sd, 106,706# 20/40 Super LC.
8660-10790'	Spot 2000g 7 1/2% HCL w/ 5 BS & 5 bbls acid. BD perms w/ frac gel. Pump 7,148 bbls Spectra Frac 2800 fluid, 7,148# 100 mesh sd, 323,794# 20/40 white sd. Tail w/ 92,775# 20/40 Super LC. FL w/ 200 bbls 10# Linear Gel.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/4/2010	5/4/2010	24	→						Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

ACCEPTED FOR RECORD
MAY 30 2010
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

dm

nm

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Ibg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Ibg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

Disposition of Gas (Sold, used for fuel, vented, etc.)

sold

Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof; Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

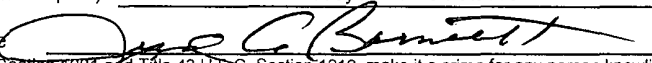
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Bell Canyon Cherry Canyon Brushy Canyon	4516' 5435' 6766'	5435' 6766' TD	Saltwater Saltwater Oil, Gas & Saltwater	Rustler Delaware Bell Canyon Cherry Canyon Brushy Canyon	695' 4485' 4516' 5435' 6766'

Additional remarks (include plugging procedure):

Circle enclosed attachments:

33. Indicate which items have been attached by placing a check in the appropriate box:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

Name (Please print) Judy A. Barnett X8699Title Regulatory AnalystSignature Date 5/20/2010

18 U.S.C Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Varian Star Chromatography Workstation

SM

Natural Gas Analysis Report

Run File	C:\STAR\DATA\DEVON01_5-18-2010_4:37:18 PM.RUN		
Method	C:\star\BTUC6+.meth		
Operator	PRECISION GAS MEA	Analysis Date	5/18/2010
Station	COTTON DRAW 26 H #1 / 39033103	Company	DEVON ENERGY
Effective Date	5/12/10	Pulled Data	PRESS 76 TEMP 98
Received Date	5/12/10	Composite/Spot	SPOT

Component	Mole %	GPM
H2S	0.000	0.0000
propane	8.648	2.3830
nitrogen	2.803	0.0000
methane	68.482	0.0000
i-butane	1.104	0.3612
n-butane	2.776	0.8752
carbon dioxide	0.171	0.0000
i-pentane	0.653	0.2392
ethane	13.902	3.7182
n-pentane	0.663	0.2402
hexane+	0.797	0.3426
Totals	100.0000	8.1595

Relative Density from Composition 0.8264

Lab Density Test Value

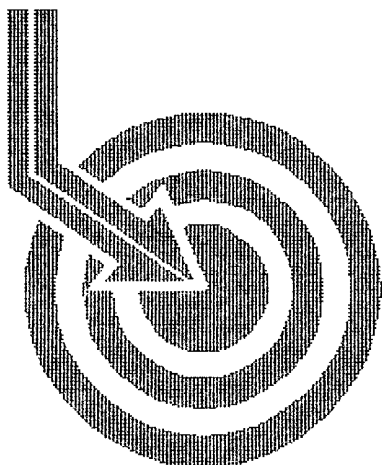
BTUs @ 14.73 Saturated 1,361

BTUs @ 14.73 Dry 1,384

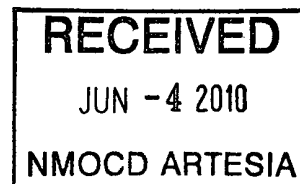
Compressibility 0.99540

5/18/2010

30-015-37362



Scientific Drilling



DEVON ENERGY

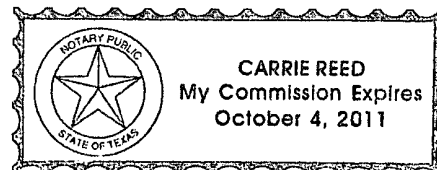
Field: Poker Lake East
Site: Eddy County, NM
Well: Cotton Draw 26 Federal #1H
Wellpath: VH - Job #32K0210101
Survey: 02/12/10

This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]
Company Representative

Notorized this date 11th of March, 2010.

[Signature]
Notary Signature
Couty of Midland
State of Texas





Scientific Drilling International, Inc.

Survey Report

Company: DEVON ENERGY	Date: 2/15/2010	Time: 12:07:10	Page: 1
Field: Poker Lake East	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: Cotton Draw 26 Federal #1H	Section (VS) Reference:	Well (0.00N,0.00E,179.66Azi)	
Wellpath: VH - Job #32K0210101	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 02/12/10	Start Date: 2/12/2010
Company: Scientific Drilling Internatio	Engineer: Madird/Rowe/Renteria
Tool: Keeper, Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.0	0.00	359.69	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.09	283.04	100.0	0.0	0.0	-0.1	0.09	0.1	283.04
200.0	0.29	65.83	200.0	-0.1	0.1	0.1	0.37	0.2	29.24
300.0	0.30	64.25	300.0	-0.4	0.4	0.5	0.01	0.7	56.79
400.0	0.28	29.23	400.0	-0.7	0.7	0.9	0.18	1.1	52.78
500.0	0.34	29.81	500.0	-1.1	1.2	1.2	0.06	1.6	45.31
600.0	0.24	34.50	600.0	-1.6	1.6	1.4	0.10	2.1	42.12
700.0	0.34	10.18	700.0	-2.0	2.0	1.6	0.16	2.6	38.05
800.0	0.40	40.48	800.0	-2.6	2.6	1.9	0.20	3.2	35.84
900.0	0.40	40.04	900.0	-3.1	3.1	2.3	0.00	3.9	36.63
1000.0	0.34	33.26	1000.0	-3.6	3.7	2.7	0.07	4.6	36.67
1100.0	0.37	17.98	1100.0	-4.2	4.2	3.0	0.10	5.2	35.33
1200.0	0.59	23.97	1200.0	-5.0	5.0	3.3	0.23	6.0	33.43
1300.0	0.65	34.59	1300.0	-5.9	5.9	3.8	0.13	7.1	32.84
1400.0	0.58	34.86	1400.0	-6.8	6.8	4.4	0.07	8.1	33.09
1500.0	0.60	36.23	1500.0	-7.6	7.6	5.0	0.02	9.2	33.36
1600.0	0.54	41.11	1600.0	-8.4	8.4	5.7	0.08	10.1	33.87
1700.0	0.36	32.39	1700.0	-9.0	9.0	6.1	0.19	10.9	34.14
1800.0	0.15	8.59	1800.0	-9.4	9.4	6.3	0.23	11.4	33.81
1900.0	0.24	338.50	1900.0	-9.7	9.8	6.3	0.13	11.6	32.68
2000.0	0.40	357.39	2000.0	-10.3	10.3	6.2	0.19	12.0	30.91
2100.0	0.52	17.91	2099.9	-11.0	11.1	6.3	0.20	12.7	29.58
2200.0	0.42	37.03	2199.9	-11.8	11.8	6.7	0.18	13.6	29.39
2300.0	0.34	71.41	2299.9	-12.2	12.2	7.2	0.24	14.1	30.40
2400.0	0.16	106.64	2399.9	-12.2	12.3	7.6	0.23	14.4	31.71
2500.0	0.46	134.22	2499.9	-11.9	11.9	8.0	0.33	14.4	33.81
2600.0	0.88	145.51	2599.9	-11.0	11.0	8.7	0.44	14.0	38.34
2700.0	1.07	155.35	2699.9	-9.5	9.5	9.5	0.25	13.5	45.00
2800.0	1.13	163.54	2799.9	-7.7	7.7	10.2	0.17	12.8	52.82
2900.0	1.04	168.04	2899.9	-5.8	5.9	10.7	0.12	12.2	61.03
3000.0	0.55	160.06	2999.9	-4.5	4.6	11.0	0.50	11.9	67.49
3100.0	0.80	160.80	3099.9	-3.4	3.5	11.4	0.25	11.9	73.14
3200.0	0.85	106.49	3199.9	-2.5	2.6	12.4	0.75	12.6	78.16
3300.0	1.06	107.51	3299.8	-2.0	2.1	14.0	0.21	14.1	81.44
3400.0	0.67	102.87	3399.8	-1.6	1.7	15.4	0.40	15.5	83.73
3500.0	0.42	86.46	3499.8	-1.5	1.6	16.3	0.29	16.4	84.46
3600.0	0.53	51.51	3599.8	-1.8	1.9	17.1	0.30	17.2	83.66
3700.0	1.41	84.46	3699.8	-2.2	2.3	18.7	1.01	18.8	82.96
3800.0	2.42	103.52	3799.8	-1.8	1.9	21.9	1.18	22.0	84.98
3900.0	2.35	112.10	3899.7	-0.5	0.7	25.9	0.36	25.9	88.53
4000.0	2.85	115.07	3999.6	1.3	-1.2	30.0	0.52	30.1	92.22
4100.0	3.55	120.26	4099.4	4.0	-3.8	35.0	0.76	35.2	96.16
4200.0	3.92	130.94	4199.2	7.8	-7.6	40.2	0.79	40.9	100.67
4300.0	3.84	133.01	4299.0	12.4	-12.1	45.3	0.16	46.8	104.97
4400.0	3.77	134.34	4398.7	17.0	-16.7	50.1	0.11	52.8	108.43
4500.0	3.78	134.82	4498.5	21.6	-21.3	54.7	0.03	58.7	111.26
4600.0	3.82	136.90	4598.3	26.4	-26.1	59.4	0.14	64.8	113.70
4700.0	3.73	138.31	4698.1	31.3	-30.9	63.8	0.13	70.9	115.86
4800.0	3.48	138.46	4797.9	36.0	-35.6	68.0	0.25	76.7	117.66



Scientific Drilling International, Inc.

Survey Report

Company: DEVON ENERGY

Field: Poker Lake East

Site: Eddy County, NM

Well: Cotton Draw 26 Federal #1H

Wellpath: VH - Job #32K0210101

Date: 2/15/2010

Co-ordinate(NE) Reference:

Vertical (TVD) Reference:

Section (VS) Reference:

Survey Calculation Method:

Time: 12:07:10

Site: Eddy County, NM, Grid North

SITE 0.0

Well (0.00N,0.00E,179.66Azi)

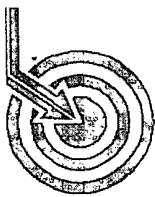
Minimum Curvature

Page: 2

Db: Sybase

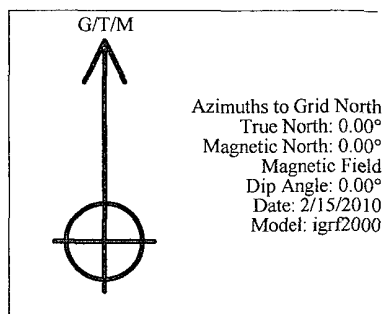
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	3.42	136.37	4897.7	40.5	-40.1	72.0	0.14	82.4	119.07
5000.0	2.89	137.19	4997.6	44.5	-44.1	75.8	0.53	87.7	120.16
5100.0	2.58	139.21	5097.4	48.1	-47.6	79.0	0.32	92.2	121.08
5200.0	2.21	139.43	5197.4	51.3	-50.8	81.7	0.37	96.2	121.86
5300.0	2.16	140.82	5297.3	54.2	-53.7	84.2	0.07	99.8	122.54
5400.0	2.04	144.15	5397.2	57.1	-56.6	86.4	0.17	103.3	123.23
5500.0	1.95	146.75	5497.2	60.0	-59.5	88.4	0.13	106.5	123.94
5600.0	1.74	143.40	5597.1	62.7	-62.1	90.2	0.24	109.5	124.55
5700.0	1.53	148.12	5697.1	65.0	-64.5	91.8	0.25	112.2	125.07
5800.0	1.48	156.27	5797.0	67.3	-66.8	93.0	0.22	114.5	125.67
5900.0	1.51	149.38	5897.0	69.7	-69.1	94.2	0.18	116.9	126.25
6000.0	1.23	150.28	5997.0	71.7	-71.2	95.4	0.28	119.1	126.71
6100.0	1.12	155.69	6096.9	73.6	-73.0	96.4	0.16	120.9	127.14
6200.0	1.09	157.70	6196.9	75.3	-74.8	97.1	0.05	122.6	127.58
6300.0	1.08	167.49	6296.9	77.1	-76.6	97.7	0.19	124.1	128.08
6400.0	1.05	170.77	6396.9	79.0	-78.4	98.1	0.07	125.5	128.64
6500.0	1.07	167.04	6496.9	80.8	-80.2	98.4	0.07	127.0	129.18
6600.0	1.18	170.88	6596.9	82.7	-82.1	98.8	0.13	128.5	129.74
6700.0	1.09	179.00	6696.8	84.7	-84.1	99.0	0.18	129.9	130.36
6800.0	1.18	183.19	6796.8	86.7	-86.1	98.9	0.12	131.1	131.03
6900.0	1.38	179.39	6896.8	88.9	-88.3	98.9	0.22	132.6	131.77
7000.0	1.39	176.87	6996.8	91.3	-90.7	99.0	0.06	134.2	132.51
7100.0	1.39	171.78	7096.7	93.7	-93.1	99.2	0.12	136.1	133.19
7200.0	1.65	166.43	7196.7	96.3	-95.7	99.7	0.30	138.2	133.84
7300.0	1.56	163.23	7296.7	99.0	-98.4	100.4	0.13	140.6	134.42
7400.0	1.24	168.62	7396.6	101.4	-100.8	101.0	0.35	142.7	134.93
7500.0	1.13	171.62	7496.6	103.4	-102.8	101.4	0.13	144.4	135.40
7583.0	1.36	185.94	7579.6	105.2	-104.6	101.4	0.46	145.7	135.89

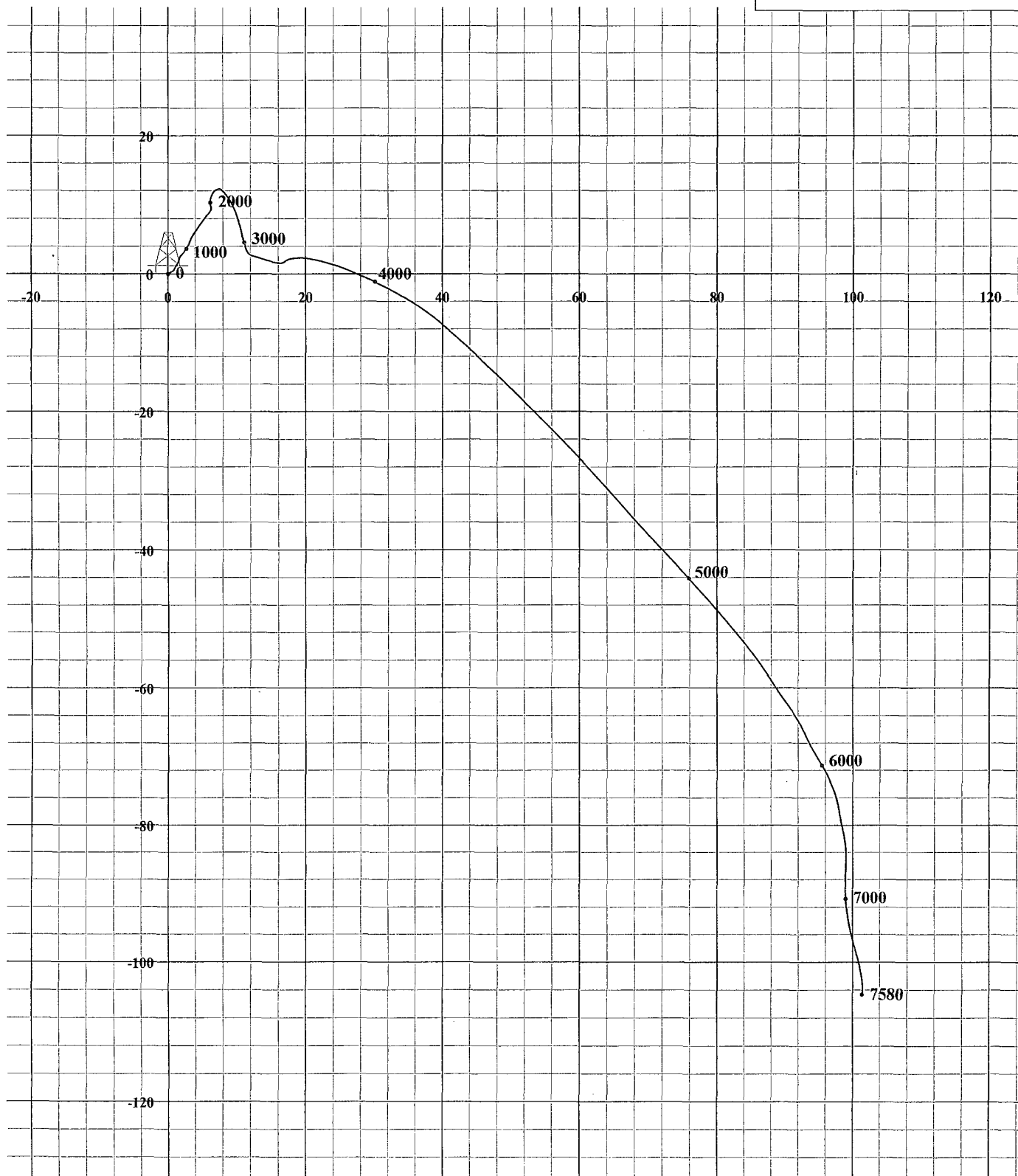


Scientific
Drilling

Field: Poker Lake East
Site: Eddy County, NM
Well: Cotton Draw 26 Federal #1H
Survey: 02/12/10



South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]



Weatherford[®]

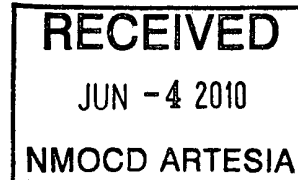
Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Devon Energy
20 North Broadway
Oklahoma City, OK, 73102

Date: February 24, 2010

Attention: Wes Handley

Re: Devon Energy
Well: Cotton Draw 26 Fed #1H
Eddy County, New Mexico



Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

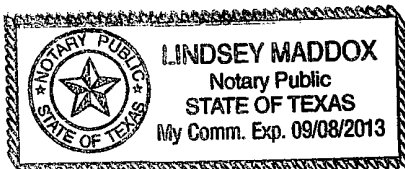
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Daniel Rodriguez MWD Supervisor	1H	7651' MD 12443' MD	2/12/2010 2/22/2010	Measurement While Drilling

A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Luke Schnell
Area Manager

On this, the 24th day of FEB, 2010, before me a notary public, the undersigned officer, personally appeared LUKE SCHNELL, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Notary Public



COTTON DRAW 26 FED #1H EDDY CO., NEW MEXICO

Rig H&P 214

KB ELEV: 3564
CL ELEV: 3539

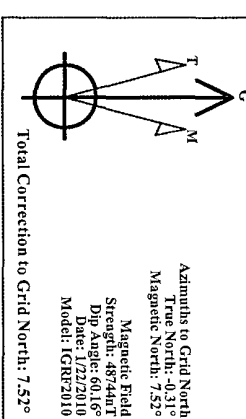
SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec Target
1	7583.00	1.36	185.94	7579.59	-104.65	101.40	0.00	0.00	105.25
2	8000.47	34.00	195.00	7972.00	-225.62	69.82	7.82	9.39	226.03
3	8746.64	90.00	179.77	8310.00	-853.53	12.44	7.69	-18.18	853.59
4	12515.54	90.00	179.77	8310.00	-4622.41	27.47	0.00	0.00	4622.49

WELL DETAILS									
Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot		
Cotton Draw 26 Fed #1H	0.00	0.00	435057.99	722880.78	32°11'40.875N	103°44'47.231W	N/A		

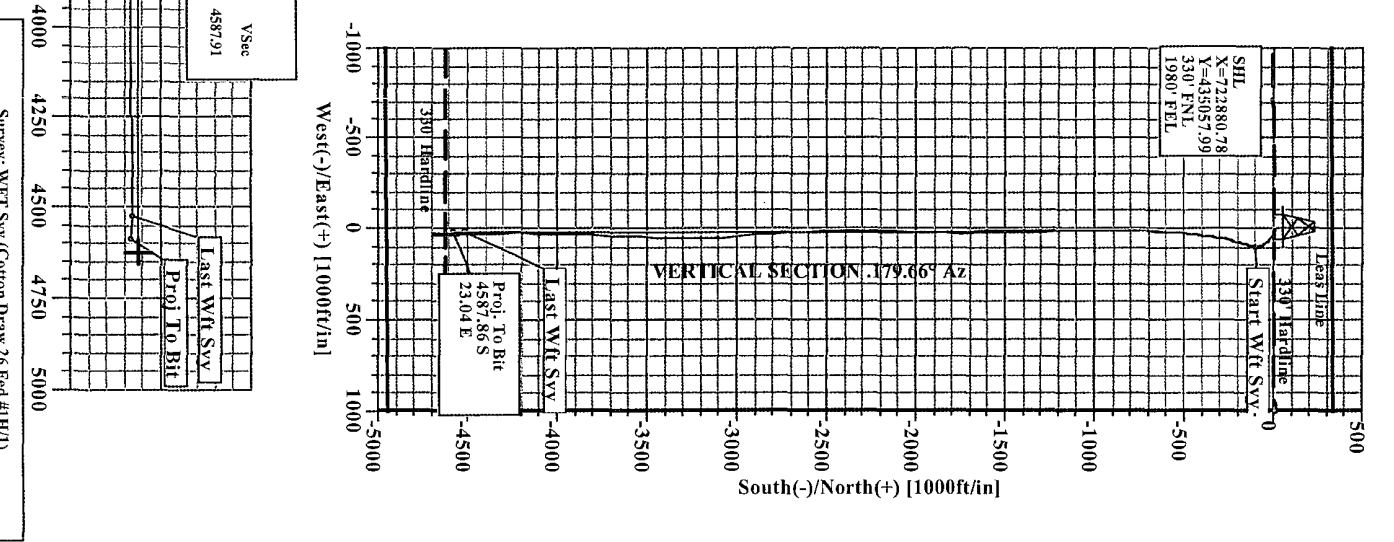
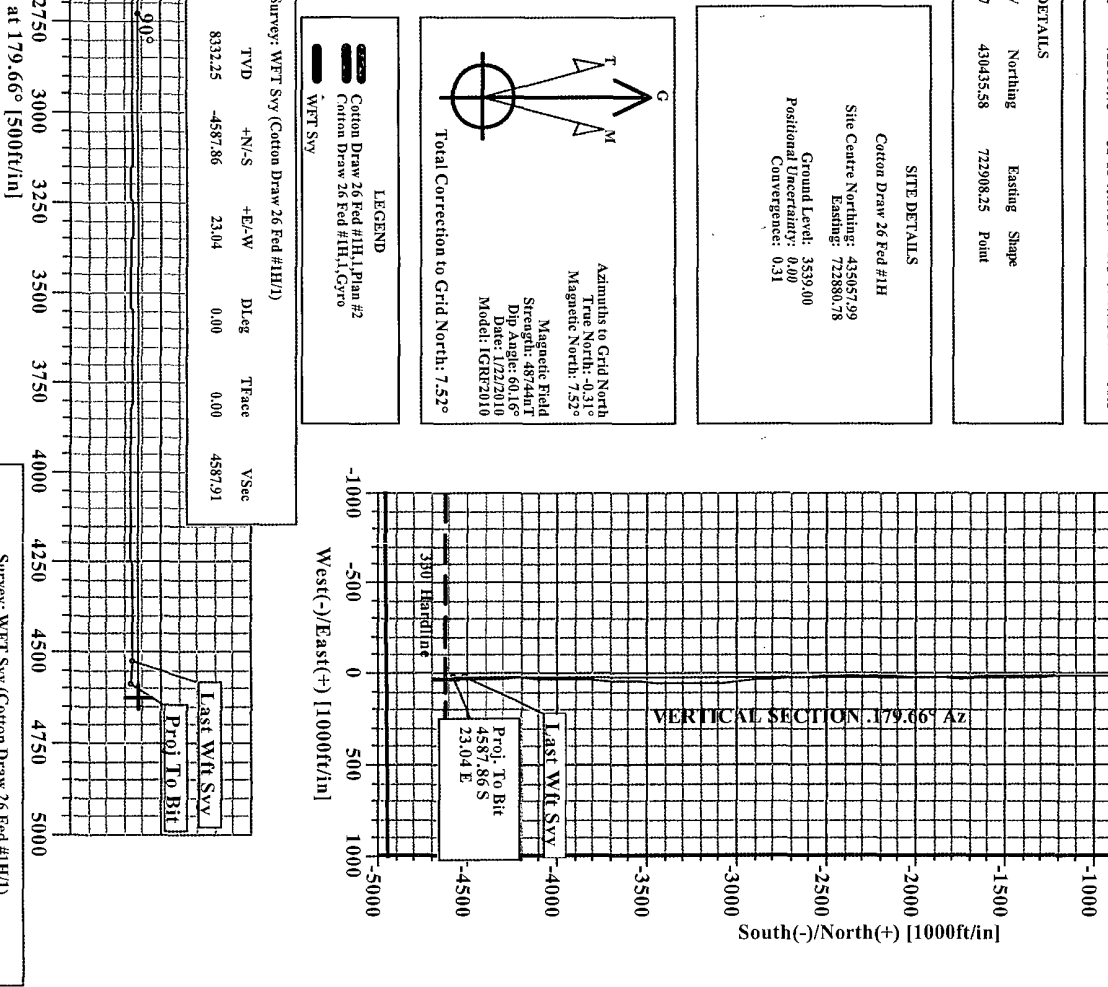
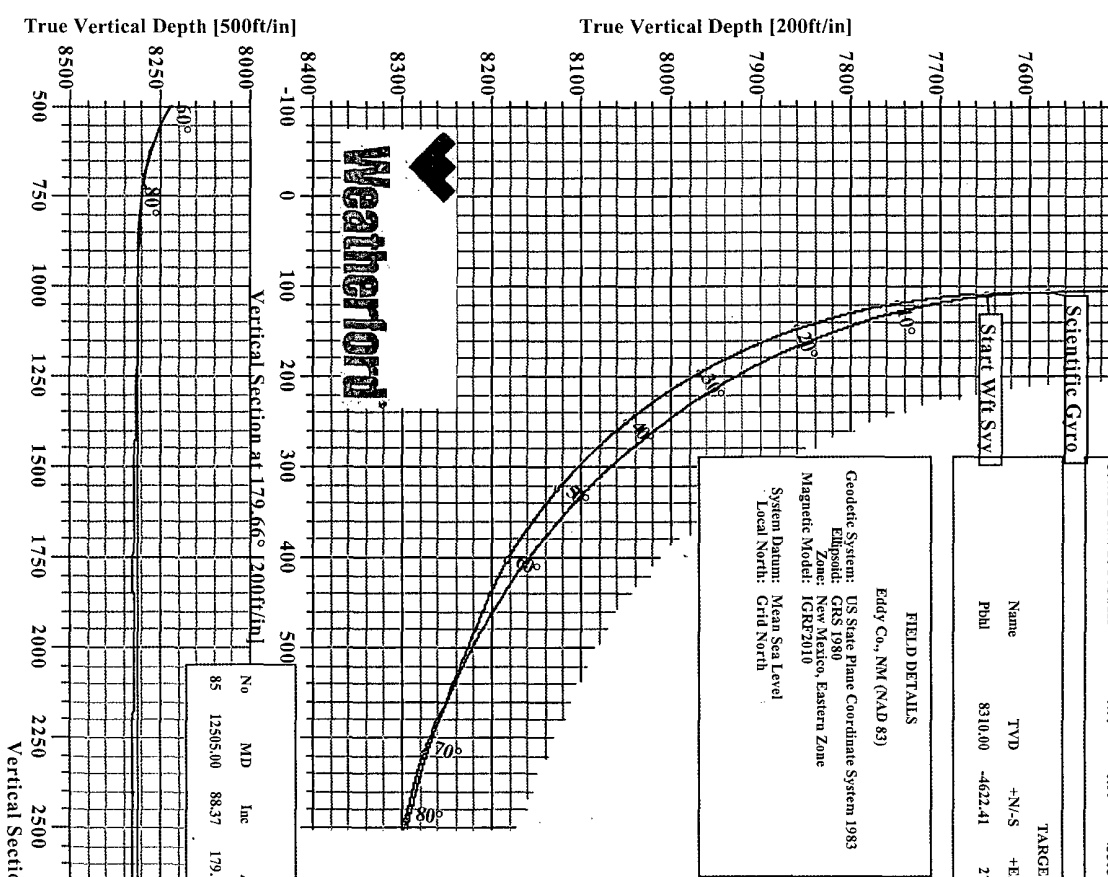
TARGET DETAILS									
Name	TYD	+N-S	+E-W	Northing	Easting	Shape			
Pohl	8310.00	-4622.41	27.47	430435.58	722908.25	Point			

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

SITE DETAILS
Cotton Draw 26 Fed #1H
Site Centre Northing: 435057.99
Easting: 722880.78
Ground Level: 3539.00
Positional Uncertainty: 0.00
Convergence: 0.31



LEGEND
Cotton Draw 26 Fed #1H, Plan #2
Cotton Draw 26 Fed #1H, Gyro
WFT Sy





Weatherford International Ltd.

WFT Survey Report Geographic



Weatherford

Company: Devon Energy Date: 2/24/2010 Time: 06:18:27 Page: 1
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: Cotton Draw 26 Fed #1H, Grid North
Site: Cotton Draw 26 Fed #1H Vertical (TVD) Reference: SITE 3564.0
Well: Cotton Draw 26 Fed #1H Section (VS) Reference: Well (0.00N,0.00E,179.66Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: WFT Svy Start Date: 2/12/2010
Company: Weatherford International Ltd. Engineer: Russell W Joyner
Tool: Poor_mag;Poor Magnetic Tied-to: User Defined

Field: Eddy Co., NM (NAD 83)

Map System: US State Plane Coordinate System 1983 Map Zone: New Mexico, Eastern Zone
Geo Datum: GRS 1980 Coordinate System: Well Centre
Sys Datum: Mean Sea Level Geomagnetic Model: IGRF2010

Site: Cotton Draw 26 Fed #1H

Site Position: Northing: 435057.99 ft Latitude: 32 11 40.875 N
From: Map Easting: 722880.78 ft Longitude: 103 44 47.231 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3539.00 ft Grid Convergence: 0.31 deg

Well: Cotton Draw 26 Fed #1H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 435057.99 ft Latitude: 32 11 40.875 N
+E/-W 0.00 ft Easting: 722880.78 ft Longitude: 103 44 47.231 W
Position Uncertainty: 0.00 ft

Wellpath: 1
Current Datum: SITE Height 3564.00 ft
Magnetic Data: 1/22/2010
Field Strength: 48744 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.00 0.00
Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 7.84 deg
Mag Dip Angle: 60.16 deg
+E/-W Direction
ft deg
0.00 179.66

Survey

MD ft	Incl. deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
7583.00	1.36	185.94	7579.59	-104.65	101.40	0.00	105.25	434953.34	722982.18	Scientific Gyro Start Wft Svy
7651.00	2.46	185.73	7647.55	-106.90	101.17	1.62	107.50	434951.08	722981.95	
7657.00	2.78	186.10	7653.55	-107.18	101.14	5.34	107.78	434950.81	722981.92	
7673.00	3.95	187.09	7669.52	-108.11	101.03	7.32	108.71	434949.88	722981.81	
7704.00	6.71	190.33	7700.38	-110.95	100.58	8.95	111.55	434947.04	722981.35	
7720.00	7.65	190.28	7716.26	-112.92	100.22	5.88	113.51	434945.07	722981.00	
7751.00	9.89	192.50	7746.89	-117.55	99.27	7.31	118.14	434940.44	722980.05	
7783.00	12.50	198.74	7778.28	-123.51	97.57	8.98	124.09	434934.47	722978.34	
7814.00	15.45	201.09	7808.36	-130.54	95.00	9.69	131.11	434927.44	722975.78	
7845.00	17.71	198.46	7838.07	-138.87	92.02	7.68	139.42	434919.12	722972.80	
7877.00	20.89	196.32	7868.27	-148.97	88.88	10.18	149.49	434909.02	722969.65	
7908.00	23.48	195.95	7896.97	-160.21	85.63	8.37	160.72	434897.78	722966.40	
7939.00	25.64	196.86	7925.16	-172.57	81.98	7.07	173.05	434885.42	722962.76	
7971.00	28.19	195.94	7953.70	-186.46	77.90	8.07	186.92	434871.52	722958.68	
8002.00	31.41	194.50	7980.59	-201.33	73.87	10.64	201.76	434856.66	722954.64	
8034.00	34.47	194.06	8007.45	-218.19	69.58	9.59	218.60	434839.80	722950.35	
8065.00	37.67	193.55	8032.50	-235.91	65.23	10.37	236.30	434822.07	722946.00	
8096.00	40.76	192.99	8056.52	-254.99	60.73	10.03	255.34	434803.00	722941.51	
8128.00	43.56	192.41	8080.23	-275.94	56.01	8.83	276.27	434782.05	722936.79	
8159.00	46.28	191.78	8102.18	-297.34	51.43	8.89	297.64	434760.65	722932.20	
8191.00	49.37	190.39	8123.67	-320.61	46.88	10.18	320.88	434737.38	722927.65	
8222.00	52.38	187.35	8143.23	-344.37	43.18	12.33	344.62	434713.62	722923.96	
8254.00	55.27	186.75	8162.11	-370.00	40.02	9.16	370.23	434687.99	722920.79	
8285.00	58.77	186.09	8178.99	-395.84	37.11	11.43	396.05	434662.15	722917.89	



Weatherford International Ltd.

WFT Survey Report Geographic



Company: Devon Energy
Field: Eddy Co. NM (NAD 83)
Site: Cotton Draw 26 Fed #1H
Well: Cotton Draw 26 Fed #1H
Wellpath: 1

Date: 2/24/2010
Co-ordinate(NE) Reference: Well: Cotton Draw 26 Fed #1H, Grid North
Vertical (TVD) Reference: SITE 3564.0
Section (VS) Reference: Well (0.00N,0.00E,179.66Azi)
Survey Calculation Method: Minimum Curvature
Page: 2
Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
8317.00	63.35	186.20	8194.47	-423.67	34.11	14.32	423.87	434634.31	722914.89	
8348.00	66.85	185.76	8207.52	-451.63	31.19	11.36	451.81	434606.35	722911.96	
8379.00	68.30	185.56	8219.34	-480.15	28.36	4.72	480.31	434577.84	722909.14	
8411.00	67.98	184.75	8231.26	-509.73	25.69	2.55	509.87	434548.26	722906.47	
8442.00	67.09	184.36	8243.10	-538.28	23.42	3.10	538.41	434519.70	722904.19	
8474.00	66.82	184.78	8255.63	-567.64	21.07	1.47	567.75	434490.35	722901.85	
8505.00	67.37	184.59	8267.69	-596.10	18.74	1.86	596.20	434461.89	722899.51	
8537.00	71.11	184.45	8279.04	-625.92	16.38	11.69	626.01	434432.07	722897.16	
8568.00	75.05	184.56	8288.06	-655.48	14.05	12.71	655.55	434402.51	722894.83	
8600.00	79.22	184.59	8295.18	-686.57	11.56	13.03	686.63	434371.42	722892.34	
8626.00	82.57	183.80	8299.29	-712.17	9.69	13.23	712.22	434345.82	722890.46	
8662.00	87.11	181.25	8302.53	-747.98	8.11	14.45	748.01	434310.01	722888.89	
8694.00	88.48	181.09	8303.76	-779.95	7.46	4.31	779.98	434278.04	722888.23	
8725.00	87.00	180.56	8304.98	-810.92	7.01	5.07	810.95	434247.07	722887.79	
8757.00	85.39	178.58	8307.11	-842.85	7.25	7.96	842.87	434215.14	722888.03	
8788.00	86.48	177.40	8309.31	-873.75	8.33	5.17	873.78	434184.24	722889.11	
8820.00	88.77	177.63	8310.63	-905.69	9.72	7.19	905.73	434152.30	722890.50	
8883.00	90.72	179.36	8310.91	-968.66	11.38	4.14	968.71	434089.33	722892.15	
8914.00	90.43	179.61	8310.60	-999.66	11.65	1.24	999.71	434058.33	722892.43	
8946.00	90.72	179.65	8310.28	-1031.66	11.86	0.91	1031.71	434026.33	722892.64	
9008.00	89.57	178.93	8310.12	-1093.65	12.63	2.19	1093.70	433964.34	722893.41	
9103.00	87.80	178.26	8312.30	-1188.59	14.96	1.99	1188.66	433869.40	722895.73	
9197.00	87.74	177.79	8315.96	-1282.46	18.19	0.50	1282.55	433775.52	722898.97	
9291.00	88.37	178.63	8319.15	-1376.36	21.13	1.12	1376.46	433681.63	722901.91	
9322.00	88.71	179.01	8319.94	-1407.35	21.77	1.64	1407.45	433650.64	722902.54	
9385.00	88.37	178.09	8321.55	-1470.30	23.36	1.56	1470.42	433587.68	722904.14	
9480.00	90.94	179.89	8322.12	-1565.28	25.03	3.30	1565.40	433492.71	722905.81	
9574.00	87.91	179.49	8323.06	-1659.26	25.54	3.25	1659.38	433398.73	722906.32	
9668.00	88.66	179.82	8325.87	-1753.21	26.11	0.87	1753.34	433304.77	722906.89	
9763.00	91.80	182.97	8325.49	-1848.16	23.80	4.68	1848.27	433209.83	722904.57	
9857.00	91.23	182.15	8323.01	-1942.03	19.60	1.06	1942.12	433115.95	722900.38	
9951.00	88.31	181.91	8323.38	-2035.96	16.27	3.12	2036.02	433022.02	722897.05	
10046.00	89.46	181.84	8325.23	-2130.89	13.16	1.21	2130.93	432927.09	722893.94	
10140.00	90.09	181.99	8325.60	-2224.84	10.02	0.69	2224.86	432833.15	722890.80	
10234.00	88.66	180.04	8326.63	-2318.81	8.36	2.57	2318.82	432739.18	722889.13	
10328.00	89.40	177.98	8328.22	-2412.78	9.98	2.33	2412.80	432645.21	722890.76	
10422.00	89.57	177.71	8329.06	-2506.71	13.52	0.34	2506.74	432551.28	722894.29	
10517.00	91.34	177.15	8328.31	-2601.61	17.77	1.95	2601.67	432456.38	722898.55	
10611.00	90.09	176.62	8327.14	-2695.46	22.88	1.44	2695.55	432362.53	722903.66	
10705.00	90.09	175.75	8326.99	-2789.25	29.14	0.93	2789.37	432268.74	722909.91	
10800.00	89.91	175.84	8326.99	-2883.99	36.10	0.21	2884.16	432174.00	722916.88	
10894.00	89.34	176.62	8327.60	-2977.79	42.28	1.03	2977.98	432080.20	722923.06	
10988.00	88.49	177.26	8329.38	-3071.63	47.30	1.13	3071.86	431986.35	722928.08	
11082.00	89.74	178.43	8330.84	-3165.55	50.83	1.82	3165.80	431892.44	722931.61	
11177.00	90.60	179.73	8330.55	-3260.54	52.36	1.64	3260.79	431797.45	722933.14	
11271.00	89.00	180.58	8330.88	-3354.53	52.10	1.93	3354.78	431703.46	722932.88	
11365.00	89.51	182.11	8332.11	-3448.49	49.90	1.72	3448.73	431609.49	722930.68	
11459.00	92.09	182.68	8330.79	-3542.40	45.97	2.81	3542.61	431515.59	722926.75	
11554.00	90.09	182.68	8328.99	-3637.27	41.53	2.11	3637.45	431420.72	722922.31	
11648.00	89.11	182.40	8329.64	-3731.17	37.36	1.08	3731.33	431326.81	722918.14	
11742.00	89.34	182.01	8330.91	-3825.10	33.75	0.48	3825.23	431232.89	722914.53	
11836.00	89.57	181.52	8331.81	-3919.05	30.85	0.58	3919.16	431138.94	722911.63	



Weatherford International Ltd.

WFT Survey Report Geographic



Company: Devon Energy Date: 2/24/2010 Time: 06:18:27 Page: 3
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: Cotton Draw 26 Fed #1H, Grid North
Site: Cotton Draw 26 Fed #1H Vertical (TVD) Reference: SITE 3564.0
Well: Cotton Draw 26 Fed #1H Section (VS) Reference: Well (0.00N,0.00E,179.66Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
11931.00	89.69	181.20	8332.42	-4014.02	28.60	0.36	4014.12	431043.97	722909.38	
12025.00	89.86	181.16	8332.79	-4108.00	26.66	0.19	4108.08	430949.99	722907.44	
12120.00	91.17	180.72	8331.94	-4202.98	25.10	1.45	4203.05	430855.01	722905.88	
12214.00	92.03	180.59	8329.31	-4296.93	24.03	0.93	4297.00	430761.05	722904.81	
12308.00	89.57	180.81	8328.00	-4390.91	22.88	2.63	4390.97	430667.08	722903.66	
12323.00	89.74	180.40	8328.09	-4405.91	22.72	2.96	4405.97	430652.08	722903.50	
12403.00	88.43	179.61	8329.37	-4485.90	22.72	1.91	4485.95	430572.09	722903.49	
12443.00	88.37	179.87	8330.48	-4525.88	22.90	0.67	4525.94	430532.11	722903.68	Last Wft Svy
12505.00	88.37	179.87	8332.25	-4587.86	23.04	0.00	4587.91	430470.13	722903.82	Proj To Bit

Annotation

MD ft	TVD ft	
7583.00	7579.59	Scientific Gyro
7651.00	7647.55	Start Wft Svy
12443.00	8330.48	Last Wft Svy
12505.00	8332.25	Proj To Bit