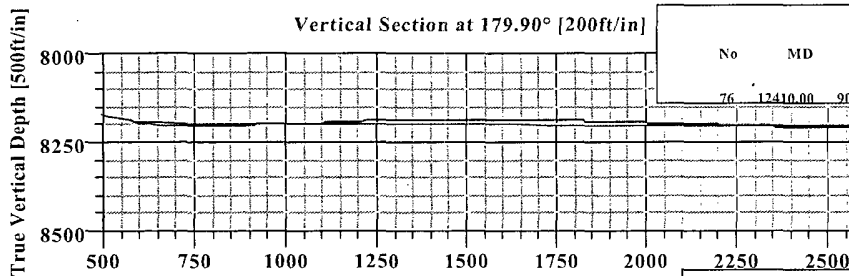
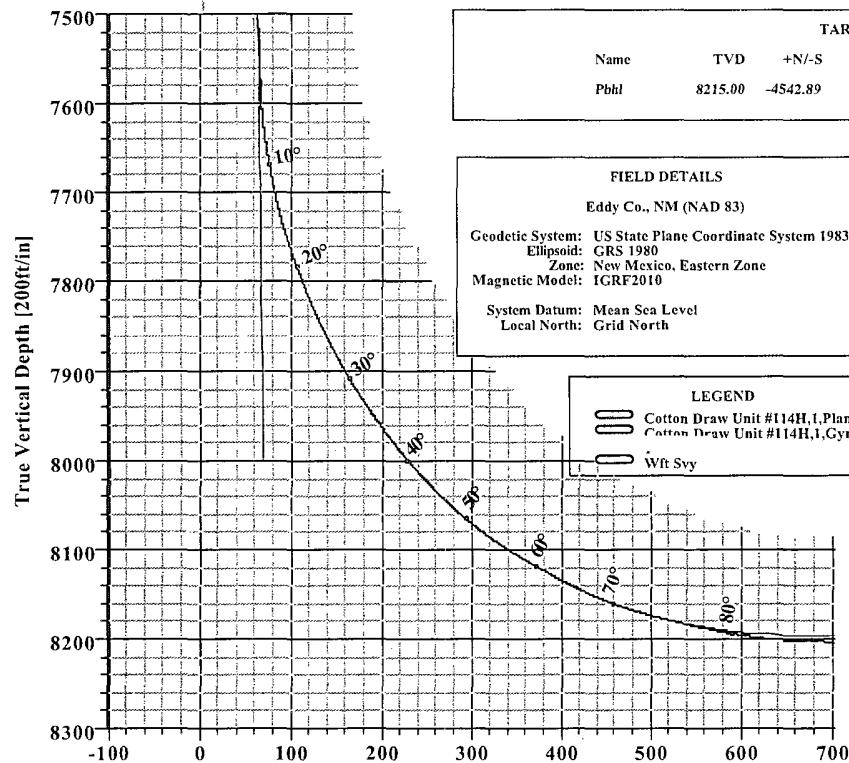




COTTON DRAW UNIT #114H
EDDY CO., NEW MEXICO

Rig H&P 212

KB ELEV: 3515
GL ELEV: 3490



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8407.00	78.50	179.75	8182.55	-539.30	78.55	0.00	0.00	539.44	
2	8445.16	80.78	179.56	8189.41	-576.84	78.77	6.00	355.27	576.98	
3	8512.67	89.71	181.03	8195.00	-644.04	78.42	13.40	9.41	644.18	
4	12412.20	89.71	181.03	8215.00	-4542.89	8.16	0.00	0.00	4542.90	Pbhl

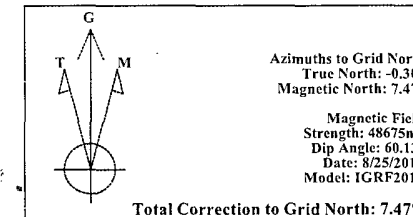
WELL DETAILS						
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Cotton Draw Unit #114H	0.00	0.00	429743.36	717627.47	32°10'48.563N	103°45'48.693W

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	8215.00	-4542.89	8.16	425200.47	717635.63	Point

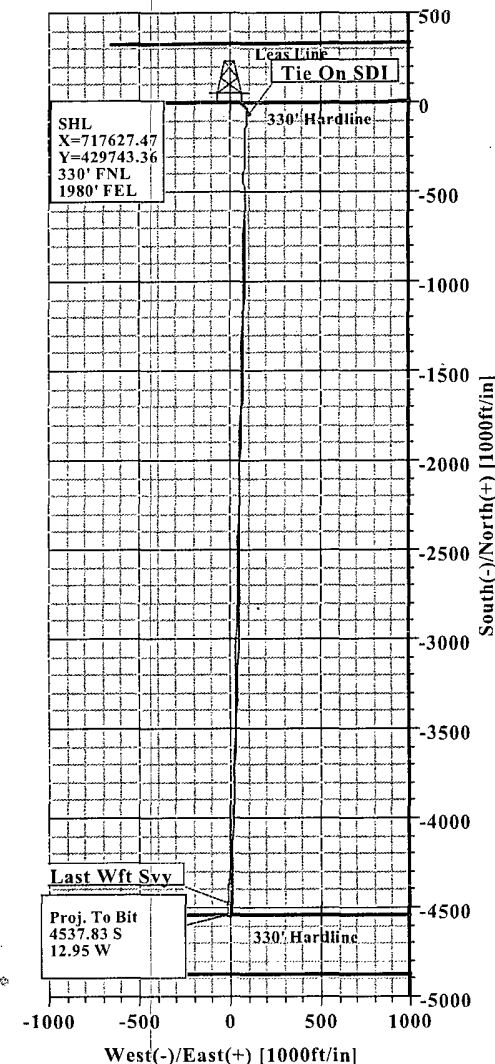
FIELD DETAILS	
Eddy Co., NM (NAD 83)	
Geodetic System:	US State Plane Coordinate System 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico, Eastern Zone
Magnetic Model:	IGRF2010
System Datum:	Mean Sea Level
Local North:	Grid North

SITE DETAILS	
Cotton Draw Unit #114H	
Site Centre Northing:	429743.36
Easting:	717627.47
Ground Level:	3490.00
Positional Uncertainty:	0.00
Convergence:	0.30

LEGEND	
	Cotton Draw Unit #114H, I, Plan #3
	Cotton Draw Unit #114H, I, Gyro
	Wft Svy



Weatherford®



Survey: Wft Svy (Cotton Draw Unit #114H/I)										
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	
76	12410.00	90.91	181.76	8215.68	-4537.83	-12.95	0.00	0.00	4537.80	

Vertical Section at 179.90° [500ft/in]

Survey: Wft Svy (Cotton Draw Unit #114H/I)

Created By: Russell W. Joyner

Date: 10/4/2010



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford®**

Company: Devon Energy	Date: 10/4/2010	Time: 07:25:50	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Cotton Draw Unit #114H, Grid North	
Site: Cotton Draw Unit #114H	Vertical (TVD) Reference:	SITE 3515.0	
Well: Cotton Draw Unit #114H	Section (VS) Reference:	Well (0.00N,0.00E,179.90Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: Wft Svy	Start Date:	9/20/2010
Company: Weatherford International Ltd.	Engineer:	Russell W. Joyner
Tool: MWD;MWD - Standard	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 Unit #114H

Site Position:	Northing: 429743.36 ft	Latitude: 32 10 48.563 N
From: Map	Easting: 717627.47 ft	Longitude: 103 45 48.693 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3490.00 ft		Grid Convergence: 0.30 deg

Well: Cotton Draw Unit #114H	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 429743.36 ft	Latitude: 32 10 48.563 N
+E/-W 0.00 ft	Easting: 717627.47 ft	Longitude: 103 45 48.693 W
Position Uncertainty: 0.00 ft		

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 8/25/2010	Above System Datum: Mean Sea Level
Field Strength: 48675 nT	Declination: 7.77 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.13 deg
ft	+E/-W
	ft
	Direction
	deg
0.00	0.00
0.00	179.90

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
7500.00	0.76	193.49	7498.11	-64.07	99.57	0.00	64.25	429679.28	717727.04	Tie On SDI
7592.00	3.62	194.20	7590.03	-67.48	98.72	3.11	67.66	429675.88	717726.18	
7624.00	6.05	195.14	7621.92	-70.09	98.03	7.60	70.27	429673.27	717725.49	
7656.00	8.75	191.49	7653.65	-74.10	97.10	8.56	74.28	429669.25	717724.57	
7687.00	11.34	188.83	7684.17	-79.43	96.16	8.49	79.60	429663.93	717723.63	
7719.00	14.08	188.86	7715.38	-86.38	95.08	8.56	86.55	429656.97	717722.55	
7750.00	16.86	188.72	7745.26	-94.55	93.82	8.97	94.72	429648.80	717721.28	
7782.00	19.36	188.45	7775.67	-104.39	92.34	7.82	104.55	429638.97	717719.80	
7814.00	21.82	185.97	7805.62	-115.55	90.94	8.15	115.71	429627.81	717718.40	
7845.00	24.16	185.48	7834.16	-127.60	89.73	7.57	127.76	429615.76	717717.20	
7877.00	26.31	185.55	7863.11	-141.18	88.42	6.72	141.34	429602.18	717715.89	
7908.00	28.44	184.87	7890.63	-155.37	87.13	6.94	155.53	429587.99	717714.60	
7940.00	30.87	183.91	7918.44	-171.16	85.92	7.74	171.31	429572.20	717713.39	
7971.00	33.70	182.86	7944.64	-187.68	84.95	9.31	187.84	429555.67	717712.42	
8003.00	37.00	182.13	7970.74	-206.18	84.15	10.40	206.33	429537.18	717711.62	
8034.00	39.51	182.03	7995.08	-225.36	83.45	8.10	225.51	429518.00	717710.92	
8066.00	42.47	181.34	8019.23	-246.34	82.84	9.36	246.48	429497.02	717710.31	
8097.00	45.49	181.63	8041.54	-267.85	82.28	9.76	268.00	429475.50	717709.75	
8129.00	49.59	182.69	8063.14	-291.44	81.38	13.04	291.58	429451.92	717708.85	
8161.00	53.55	182.77	8083.02	-316.47	80.19	12.38	316.62	429426.88	717707.66	
8187.00	57.09	182.02	8097.81	-337.83	79.30	13.82	337.97	429405.53	717706.77	
8219.00	59.34	181.37	8114.67	-365.02	78.50	7.24	365.16	429378.34	717705.96	
8250.00	61.74	180.67	8129.91	-392.00	78.02	7.99	392.14	429351.35	717705.48	
8281.00	65.10	180.04	8143.78	-419.72	77.85	10.99	419.86	429323.63	717705.31	



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford®**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Cotton Draw Unit #114H
Well: Cotton Draw Unit #114H
Wellpath: 1

Date: 10/4/2010 Time: 07:25:50 Page: 2
Co-ordinate(NE) Reference: Well: Cotton Draw Unit #114H, Grid North
Vertical (TVD) Reference: SITE 3515.0
Section (VS) Reference: Well (0.00N,0.00E,179.90Azi)
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
8313.00	68.67	179.81	8156.34	-449.15	77.89	11.18	449.29	429294.21	717705.35	
8344.00	72.16	179.09	8166.73	-478.35	78.17	11.47	478.49	429265.01	717705.64	
8376.00	75.06	179.00	8175.76	-509.04	78.68	9.07	509.18	429234.32	717706.15	
8407.00	77.01	179.19	8183.24	-539.12	79.16	6.32	539.26	429204.24	717706.62	
8439.00	78.66	178.91	8189.99	-570.40	79.68	5.23	570.54	429172.96	717707.14	
8470.00	80.67	179.10	8195.55	-600.89	80.21	6.51	601.03	429142.47	717707.67	
8502.00	84.11	179.39	8199.78	-632.60	80.62	10.79	632.74	429110.76	717708.09	
8533.00	87.34	179.35	8202.09	-663.50	80.96	10.42	663.65	429079.85	717708.43	
8565.00	88.46	179.72	8203.27	-695.48	81.22	3.69	695.63	429047.88	717708.69	
8596.00	89.58	180.32	8203.80	-726.48	81.21	4.10	726.62	429016.88	717708.68	
8628.00	89.93	180.09	8203.93	-758.48	81.10	1.31	758.62	428984.88	717708.56	
8659.00	90.35	180.07	8203.86	-789.48	81.05	1.36	789.62	428953.88	717708.52	
8754.00	92.10	180.22	8201.83	-884.45	80.81	1.85	884.59	428858.91	717708.28	
8849.00	91.89	181.10	8198.52	-979.39	79.72	0.95	979.53	428763.97	717707.19	
8943.00	91.05	180.61	8196.11	-1073.34	78.32	1.03	1073.48	428670.01	717705.78	
9037.00	92.94	180.29	8192.84	-1167.28	77.58	2.04	1167.42	428576.08	717705.05	
9132.00	92.59	180.52	8188.25	-1262.17	76.91	0.44	1262.30	428481.19	717704.37	
9226.00	90.42	180.60	8185.78	-1356.12	75.99	2.31	1356.26	428387.23	717703.46	
9321.00	90.14	180.68	8185.32	-1451.12	74.93	0.31	1451.25	428292.24	717702.40	
9416.00	89.65	182.47	8185.49	-1546.08	72.32	1.95	1546.20	428197.28	717699.78	
9510.00	88.18	181.45	8187.27	-1640.00	69.10	1.90	1640.12	428103.36	717696.57	
9605.00	89.72	180.80	8189.02	-1734.96	67.24	1.76	1735.08	428008.40	717694.71	
9700.00	88.95	182.31	8190.12	-1829.92	64.66	1.78	1830.03	427913.44	717692.13	
9794.00	88.25	183.01	8192.41	-1923.79	60.30	1.05	1923.89	427819.57	717687.77	
9888.00	87.34	182.12	8196.03	-2017.62	56.10	1.35	2017.72	427725.74	717683.56	
9983.00	89.37	182.89	8198.76	-2112.49	51.95	2.29	2112.58	427630.87	717679.41	
10077.00	88.18	180.58	8200.77	-2206.41	49.10	2.76	2206.50	427536.94	717676.57	
10172.00	87.90	179.80	8204.02	-2301.36	48.79	0.87	2301.44	427442.00	717676.25	
10267.00	89.02	179.71	8206.57	-2396.32	49.19	1.18	2396.40	427347.04	717676.66	
10361.00	89.30	180.02	8207.95	-2490.31	49.41	0.44	2490.39	427253.05	717676.88	
10456.00	89.51	179.73	8208.94	-2585.30	49.62	0.38	2585.39	427158.05	717677.09	
10550.00	89.30	179.66	8209.91	-2679.30	50.12	0.24	2679.38	427064.06	717677.59	
10645.00	90.14	180.23	8210.38	-2774.29	50.21	1.07	2774.38	426969.06	717677.68	
10739.00	90.35	180.72	8209.97	-2868.29	49.43	0.57	2868.37	426875.07	717676.90	
10833.00	90.21	180.23	8209.51	-2962.29	48.65	0.54	2962.37	426781.07	717676.12	
10928.00	90.63	181.45	8208.82	-3057.27	47.26	1.36	3057.35	426686.09	717674.73	
11022.00	90.00	181.20	8208.30	-3151.24	45.09	0.72	3151.32	426592.11	717672.55	
11117.00	89.58	181.53	8208.65	-3246.22	42.82	0.56	3246.29	426497.14	717670.29	
11211.00	89.72	182.29	8209.22	-3340.16	39.69	0.82	3340.23	426403.20	717667.16	
11306.00	89.16	181.82	8210.15	-3435.09	36.29	0.77	3435.15	426308.26	717663.75	
11400.00	90.21	182.29	8210.67	-3529.03	32.91	1.22	3529.08	426214.33	717660.38	
11495.00	89.79	182.30	8210.67	-3623.95	29.11	0.44	3624.00	426119.40	717656.58	
11590.00	89.79	182.33	8211.02	-3718.88	25.27	0.03	3718.92	426024.48	717652.74	
11685.00	88.60	182.56	8212.35	-3813.78	21.22	1.28	3813.81	425929.58	717648.69	
11779.00	89.93	183.73	8213.56	-3907.63	16.06	1.88	3907.65	425835.73	717643.53	
11874.00	89.02	183.49	8214.43	-4002.43	10.08	0.99	4002.44	425740.92	717637.55	
11968.00	89.44	184.35	8215.69	-4096.20	3.66	1.02	4096.20	425647.15	717631.12	
12063.00	88.88	182.10	8217.08	-4191.04	-1.69	2.44	4191.03	425552.32	717625.78	
12158.00	90.00	181.87	8218.01	-4285.97	-4.98	1.20	4285.96	425457.38	717622.49	
12252.00	90.35	181.85	8217.73	-4379.92	-8.03	0.37	4379.90	425363.43	717619.44	
12347.00	90.91	181.76	8216.68	-4474.87	-11.02	0.60	4474.84	425268.49	717616.45	Last Wft Svy
12410.00	90.91	181.76	8215.68	-4537.83	-12.95	0.00	4537.80	425205.53	717614.51	Proj. To Bit



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford®

Company:	Devon Energy	Date:	10/4/2010	Time:	07:25:50	Page:	3
Field:	Eddy Co. NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Cotton Draw Unit #114H, Grid North				
Site:	Cotton Draw Unit #114H	Vertical (TVD) Reference:	SITE 3515.0				
Well:	Cotton Draw Unit #114H	Section (VS) Reference:	Well (0.00N,0.00E,179.90Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature		Db:	Sybase	

Annotation

MD ft	TVD ft	
7500.00	7498.11	Tie On SDI
12347.00	8216.68	Last Wft Svy
12410.00	8215.68	Proj-To Bit



WeatherfordSM

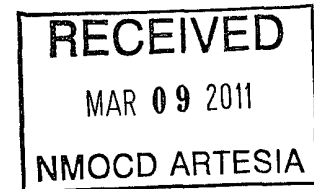
Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Devon Energy
20 North Broadway
Oklahoma City, OK, 73102

Date: October 5, 2010

Attention: Wes Handley

Re: Devon Energy
Well: Cotton Draw Unit #114H
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
Micheal Dill MWD Supervisor	114H	7692' MD 12347' MD	9/15/2010 10/3/2010	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 5th day of October, 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

