



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

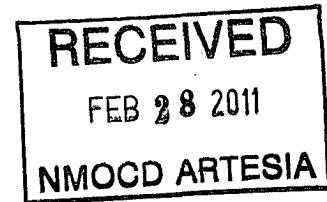
30-015-37875

Devon Energy
20 North Broadway
Oklahoma City, OK, 73102

Date August 23, 2010

Attention Wes Handley

Re Devon Energy
Well Cooter 16 State #5H
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.

<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Daniel Rodriguez MWD Supervisor	5H	6453' MD 11555' MD	8/10/2010 8/20/2010	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

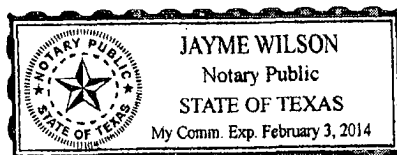
Luke Schnell
Area Manager

On this, the 30th day of AUGUST, 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

Jayme Wilson
Notary Public

JR



COOPER 16 STATE #5H **EDDY CO., NEW MEXICO**

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	6422.00	1.36	217.76	6420.18	-50.79	17.23	0.00	0.00	-50.61
2	6467.33	0.00	0.00	6465.31	-51.22	16.90	0.00	180.00	-51.04
3	6528.65	0.00	0.00	6526.82	-51.22	16.90	0.00	0.00	-51.04
4	7278.65	60.00	0.38	7147.07	306.88	19.25	8.00	0.38	307.06
5	7778.65	90.00	0.38	7275.00	784.33	22.38	6.00	0.00	784.52
6	11645.78	90.00	0.38	7275.00	4651.38	47.75	0.00	0.00	4651.63
									Pbl

WELL DETAILS				
Name	+N/-S	+E/-W	Northing	Easting
#5H	0.00	0.00	408885.05	648125.16
			32°07'25.07"N	103°59'18.18"W
				N/A

TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Northing
Pbl	7275.00	4651.38	47.75	413536.43
				648172.91
				Point

FIELD DETAILS

Eddy Co., NM (NAD 83)

Geodetic System: US State Plane Coordinate System 1983

Ellipsoid: CRS 1980

Zone: New Mexico, Eastern Zone

Magnetic Model: IGRF2010

System Datum: Mean Sea Level

Local North: Grid North

SITE DETAILS

Cooper 16 State #5H

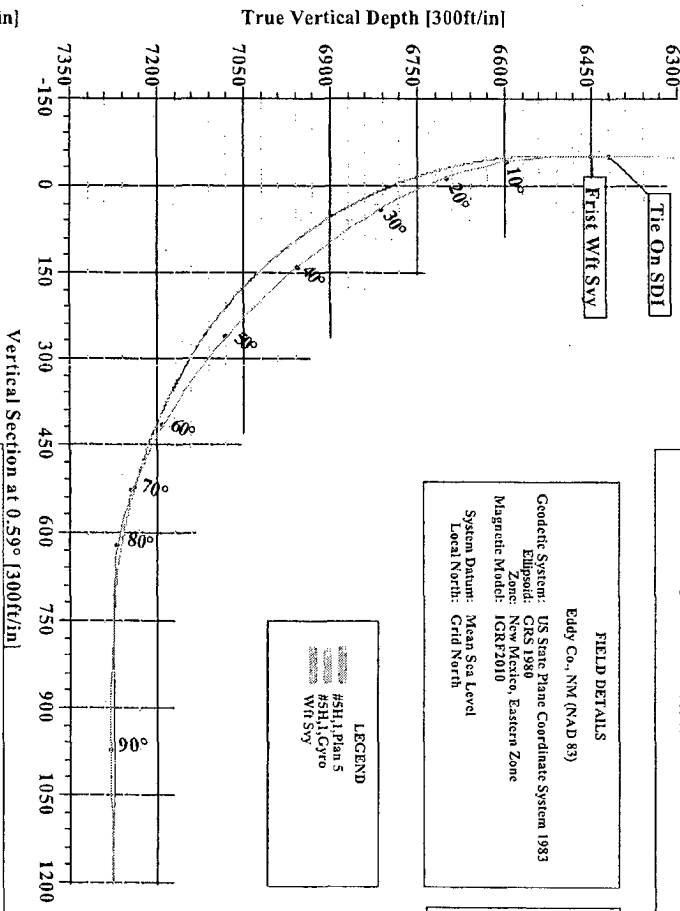
Site Centre Northing: 408885.05

Easting: 648125.16

Ground Level: 2998.00

Positional Uncertainty: 0.00

Convergence: 0.18

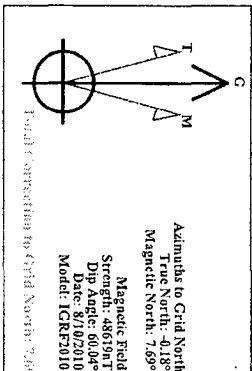


LEGEND

#5H, Plan 5

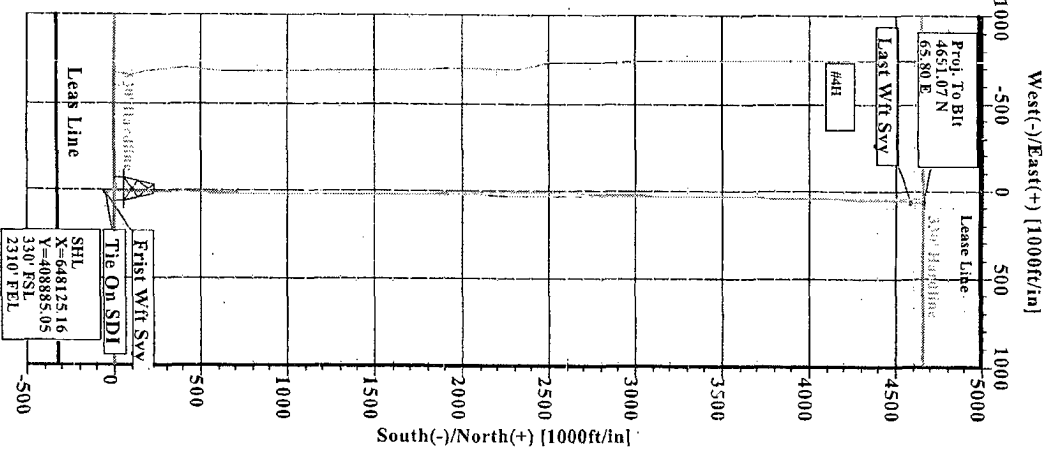
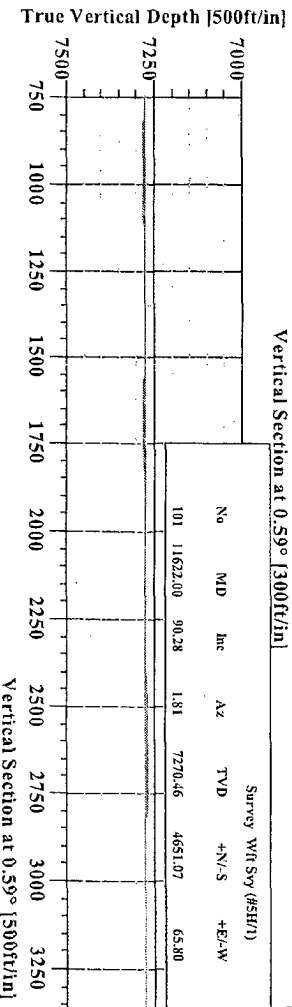
#5H, Gyro

Wt Svy



Weatherford

No	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
101	11622.00	90.28	1.81	7270.46	4651.07	65.80	0.00	180.00	4651.50





Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy	Date: 8/21/2010	Time: 11:38.41	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: #5H, Grid North		
Site: Cooter 16 State #5H	Vertical (TVD) Reference: SITE 3023.0		
Well: #5H	Section (VS) Reference: Well (0.00N,0.00E,0.59Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Svy	Start Date: 8/12/2010
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	Gcomagnetic Model: IGRF2010

Site: Cooter 16 State #5H

Site Position:	Northing: 408885.05 ft	Latitude: 32 7 25.075 N
From: Map	Easting: 648125.16 ft	Longitude: 103 59 18.187 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 2998.00 ft		Grid Convergence: 0.18 deg

Well: #5H	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 408885.05 ft	Latitude: 32 7 25.075 N
+E/-W 0.00 ft	Easting: 648125.16 ft	Longitude: 103 59 18.187 W
Position Uncertainty: 0.00 ft		

Wellpath: 1	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 8/10/2010	Above System Datum: Mean Sea Level		
Field Strength: 48619 nT	Declination: 7.87 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.04 deg		
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	0.59

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
6422.00	1.36	217.76	6420.18	-50.79	17.23	0.00	-50.61	408834.26	648142.39	Tie On SDI Frist Wft Svy
6453.00	1.09	182.94	6451.17	-51.38	16.99	2.51	-51.20	408833.67	648142.15	
6484.00	0.46	39.66	6482.17	-51.57	17.05	4.79	-51.40	408833.47	648142.21	
6515.00	2.73	13.70	6513.16	-50.76	17.31	7.50	-50.58	408834.29	648142.47	
6547.00	5.55	9.19	6545.07	-48.49	17.74	8.86	-48.31	408836.56	648142.89	
6578.00	8.29	5.45	6575.84	-44.79	18.19	8.95	-44.60	408840.26	648143.35	
6609.00	10.96	3.67	6606.40	-39.62	18.59	8.67	-39.43	408845.43	648143.75	
6641.00	13.86	2.42	6637.65	-32.75	18.95	9.10	-32.56	408852.29	648144.10	
6672.00	16.54	1.42	6667.56	-24.63	19.21	8.69	-24.43	408860.42	648144.37	
6704.00	19.73	359.91	6697.97	-14.67	19.32	10.08	-14.47	408870.37	648144.47	
6735.00	22.55	358.90	6726.88	-3.50	19.19	9.17	-3.30	408881.55	648144.35	
6767.00	25.04	357.78	6756.16	9.41	18.81	7.91	9.60	408894.46	648143.97	
6798.00	27.68	358.56	6783.93	23.16	18.38	8.59	23.35	408908.21	648143.54	
6830.00	29.96	359.06	6811.97	38.59	18.06	7.16	38.77	408923.63	648143.22	
6861.00	31.92	0.11	6838.56	54.52	17.95	6.56	54.70	408939.57	648143.11	
6892.00	33.72	0.31	6864.61	71.32	18.01	5.82	71.50	408956.37	648143.17	
6924.00	35.30	359.99	6890.98	89.45	18.06	4.97	39.63	408974.50	648143.22	
6955.00	37.09	359.42	6915.99	107.76	17.96	5.88	107.94	408992.81	648143.12	
6986.00	38.74	359.55	6940.45	126.81	17.79	5.33	126.98	409011.85	648142.95	
7018.00	40.65	359.80	6965.07	147.24	17.68	5.99	147.42	409032.29	648142.83	
7049.00	42.25	359.09	6988.30	167.76	17.47	5.38	167.93	409052.81	648142.63	
7081.00	43.97	359.00	7011.66	189.63	17.11	5.38	139.79	409074.67	648142.27	
7112.00	45.46	359.33	7033.69	211.43	16.79	4.86	211.60	409096.48	648141.95	
7143.00	47.12	359.97	7055.11	233.84	16.66	5.56	234.00	409118.89	648141.82	



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Cooter 16 State #5H
Well: #5H
Wellpath: 1

Date: 8/21/2010
Co-ordinate(NE) Reference:
Vertical (TVD) Reference:
Section (VS) Reference:
Survey Calculation Method:

Time: 11:38:41
Well: #5H, Grid North
SITE 3023.0
Well (0.00N,0.00E,0.59Azi)
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
7175.00	49.51	1.40	7076.39	257.73	16.95	8.18	257.89	409142.78	648142.11	
7206.00	51.61	1.71	7096.09	281.67	17.60	6.82	281.83	409166.71	648142.76	
7238.00	52.42	2.05	7115.73	306.87	18.43	2.67	307.05	409191.92	648143.59	
7269.00	54.05	0.60	7134.33	331.70	19.00	6.46	331.88	409216.75	648144.16	
7300.00	55.87	0.03	7152.13	357.08	19.14	6.06	357.26	409242.13	648144.29	
7332.00	57.65	0.10	7169.67	383.84	19.17	5.57	384.02	409268.89	648144.33	
7363.00	59.12	0.68	7185.92	410.24	19.35	5.00	410.42	409295.29	648144.51	
7378.00	61.12	0.73	7193.40	423.24	19.51	13.34	423.42	409308.29	648144.67	
7394.00	61.37	1.15	7201.09	437.27	19.74	2.78	437.45	409322.32	648144.90	
7410.00	62.57	0.97	7208.61	451.39	20.00	7.57	451.57	409336.44	648145.16	
7426.00	63.43	0.76	7215.88	465.64	20.21	5.50	465.83	409350.69	648145.37	
7442.00	65.21	359.77	7222.81	480.06	20.28	12.44	480.24	409365.11	648145.44	
7457.00	66.58	0.12	7228.93	493.75	20.27	9.38	493.94	409378.80	648145.43	
7472.00	68.34	359.86	7234.68	507.61	20.26	11.84	507.79	409392.66	648145.42	
7488.00	69.52	359.80	7240.44	522.54	20.22	7.38	522.72	409407.59	648145.38	
7503.00	70.93	359.39	7245.51	536.65	20.12	9.75	536.83	409421.70	648145.28	
7520.00	72.12	359.80	7250.90	552.77	20.01	7.36	552.95	409437.82	648145.16	
7535.00	73.72	359.51	7255.30	567.11	19.92	10.83	567.29	409452.16	648145.08	
7551.00	75.26	359.53	7259.58	582.53	19.79	9.63	582.70	409467.58	648144.95	
7566.00	76.62	359.60	7263.23	597.08	19.68	9.08	597.25	409482.13	648144.84	
7583.00	78.77	0.00	7266.85	613.69	19.62	12.85	613.86	409498.74	648144.78	
7599.00	81.69	0.16	7269.56	629.45	19.64	18.28	629.62	409514.50	648144.80	
7614.00	84.01	0.27	7271.43	644.34	19.70	15.48	644.50	409529.38	648144.86	
7630.00	86.61	0.86	7272.74	660.28	19.86	16.66	660.45	409545.33	648145.02	
7645.00	88.50	1.22	7273.38	675.26	20.13	12.83	675.43	409560.31	648145.29	
7677.00	89.34	0.87	7273.98	707.25	20.71	2.84	707.43	409592.30	648145.87	
7692.00	89.48	1.16	7274.14	722.25	20.98	2.15	722.43	409607.30	648146.14	
7710.00	88.36	1.04	7274.48	740.24	21.32	6.26	740.42	409625.29	648146.48	
7737.00	86.92	0.75	7275.59	767.21	21.75	5.44	767.40	409652.26	648146.90	
7753.00	86.43	0.64	7276.52	783.19	21.94	3.14	783.37	409668.23	648147.10	
7775.00	86.36	0.95	7277.90	805.14	22.24	1.44	805.33	409690.19	648147.40	
7800.00	87.27	0.75	7279.29	830.10	22.61	3.73	830.29	409715.15	648147.77	
7831.00	89.37	0.40	7280.20	861.08	22.93	6.87	861.27	409746.13	648148.08	
7863.00	89.93	0.73	7280.39	893.08	23.24	2.03	893.27	409778.13	648148.40	
7894.00	89.86	0.64	7280.45	924.08	23.61	0.37	924.27	409809.13	648148.77	
7926.00	89.72	0.55	7280.57	956.08	23.94	0.52	956.27	409841.12	648149.10	
8020.00	91.33	359.87	7279.70	1050.07	24.29	1.86	1050.26	409935.12	648149.45	
8051.00	90.98	0.00	7279.08	1081.06	24.25	1.20	1081.25	409966.11	648149.41	
8114.00	91.26	359.91	7277.85	1144.05	24.20	0.47	1144.24	410029.10	648149.36	
8208.00	90.28	1.45	7276.58	1238.03	25.32	1.94	1238.22	410123.08	648150.48	
8302.00	90.00	359.61	7276.36	1332.02	26.19	1.98	1332.22	410217.07	648151.35	
8396.00	89.58	358.94	7276.70	1426.01	25.00	0.84	1426.19	410311.06	648150.16	
8490.00	88.88	359.53	7277.96	1519.99	23.74	0.97	1520.16	410405.04	648148.90	
8585.00	89.44	359.48	7279.36	1614.98	22.92	0.59	1615.13	410500.03	648148.08	
8679.00	89.86	359.80	7279.93	1708.98	22.33	0.56	1709.12	410594.02	648147.49	
8773.00	90.84	359.18	7279.36	1802.97	21.50	1.23	1803.10	410688.02	648146.66	
8867.00	90.84	358.88	7277.98	1896.95	19.91	0.32	1897.05	410781.99	648145.06	
8961.00	90.70	359.83	7276.71	1990.93	18.85	1.02	1991.02	410875.98	648144.01	
9055.00	90.21	358.99	7275.97	2084.92	17.88	1.03	2085.00	410969.97	648143.04	
9149.00	89.93	358.75	7275.85	2178.90	16.03	0.39	2178.95	411063.95	648141.18	
9244.00	90.98	0.36	7275.10	2273.89	15.29	2.02	2273.93	411158.94	648140.45	
9338.00	90.98	359.87	7273.49	2367.88	15.48	0.52	2367.91	411252.93	648140.63	



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company:	Devon Energy	Date:	8/21/2010	Time:	11:38:41	Page:	3
Field:	Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: #5H, Grid North				
Site:	Cooter 16 State #5H	Vertical (TVD) Reference:	SITE 3023.0				
Well:	#5H	Section (VS) Reference:	Well (0.00N,0.00E,0.59Azi)				
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
9432.00	91.05	0.38	7271.83	2461.86	15.68	0.55	2461.89	411346.91	648140.84	
9526.00	89.86	1.90	7271.08	2555.84	17.55	2.05	2555.88	411440.89	648142.71	
9620.00	89.72	1.70	7271.42	2649.79	20.50	0.26	2649.86	411534.84	648145.66	
9714.00	89.37	1.22	7272.17	2743.76	22.90	0.63	2743.85	411628.80	648148.06	
9809.00	88.74	1.50	7273.74	2838.72	25.15	0.73	2838.82	411723.76	648150.31	
9903.00	89.65	1.77	7275.06	2932.67	27.84	1.01	2932.80	411817.72	648152.99	
9997.00	89.86	1.20	7275.46	3026.63	30.27	0.65	3026.79	411911.68	648155.43	
10091.00	89.79	0.91	7275.75	3120.62	32.00	0.32	3120.78	412005.67	648157.16	
10185.00	89.58	0.88	7276.26	3214.60	33.47	0.23	3214.78	412099.65	648158.63	
10279.00	91.05	0.78	7275.75	3308.59	34.83	1.57	3308.77	412193.64	648159.99	
10374.00	91.26	0.54	7273.83	3403.57	35.93	0.34	3403.75	412288.61	648161.08	
10468.00	91.47	0.40	7271.59	3497.54	36.70	0.27	3497.73	412382.58	648161.86	
10562.00	90.70	1.60	7269.81	3591.50	38.34	1.52	3591.71	412476.55	648163.50	
10656.00	90.28	1.42	7269.01	3685.47	40.81	0.49	3685.69	412570.51	648165.97	
10750.00	90.14	1.81	7268.66	3779.43	43.46	0.44	3779.67	412664.48	648168.62	
10844.00	89.09	1.04	7269.30	3873.39	45.80	1.39	3873.66	412758.44	648170.96	
10939.00	88.74	1.05	7271.09	3968.36	47.53	0.37	3968.64	412853.41	648172.69	
11033.00	89.79	0.83	7272.30	4062.34	49.08	1.14	4062.63	412947.39	648174.23	
11128.00	89.86	1.28	7272.59	4157.32	50.82	0.48	4157.63	413042.37	648175.98	
11222.00	89.37	1.28	7273.22	4251.30	52.92	0.52	4251.62	413136.34	648178.08	
11316.00	90.77	1.64	7273.11	4345.26	55.32	1.54	4345.60	413230.31	648180.48	
11410.00	90.63	2.14	7271.96	4439.21	58.42	0.55	4439.57	413324.25	648183.58	
11504.00	90.42	2.14	7271.10	4533.14	61.93	0.22	4533.53	413418.18	648187.09	
11555.00	90.28	1.81	7270.79	4584.10	63.69	0.70	4584.52	413469.15	648188.84	Last Wft Svy
11622.00	90.28	1.81	7270.46	4651.07	65.80	0.00	4651.50	413536.12	648190.96	Proj. To Bit

Annotation

MD ft	TVD ft	
6422.00	6420.18	Tie On SDI
6453.00	6451.17	Frist Wft Svy
11555.00	7270.79	Last Wft Svy
11622.00	7270.46	Proj. To Bit