

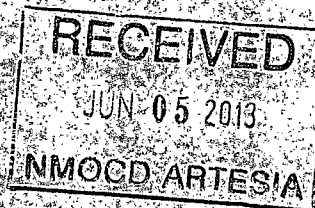


A GYRO TECHNOLOGIES INC. COMPANY

30-015-39413

PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

January 24, 2013



Devon Energy Production Company
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

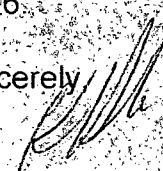
Attn: Patti Riechers

Re: **Capella 14 Federal Com No 002H**

Please find enclosed a copy of the survey from 0' to 7,800' ran on the above referenced well

If I can be of any further service, please do not hesitate to call me at 800-606-4976

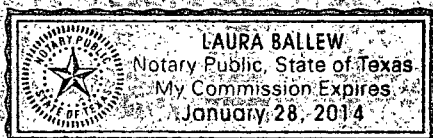
Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §

COUNTY OF NUECES §

This instrument was acknowledged before me on the 24th day of January
A.D., 2013, by Keith Havelka




Laura Ballew
Notary Public, State of Texas



Company: Devon Energy Production Co., LP
Lease/Well: Capella 14 Federal Com/No 002H

Rig Name: Mcvay #10
State/County: New Mexico/Eddy
Latitude: 32.67, Longitude: -103.84
GRID North is 0.27 Degrees East of True North
VS-Azi: 169.28 Degrees



Depth Reference : 20 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: capella 14 federal 2h_ed.ut

Minimum Curvature Method

Report Date/Time: 1/24/2013 / 13:24

Vaughn Energy Services
Fort Worth, Texas
817-741-3610

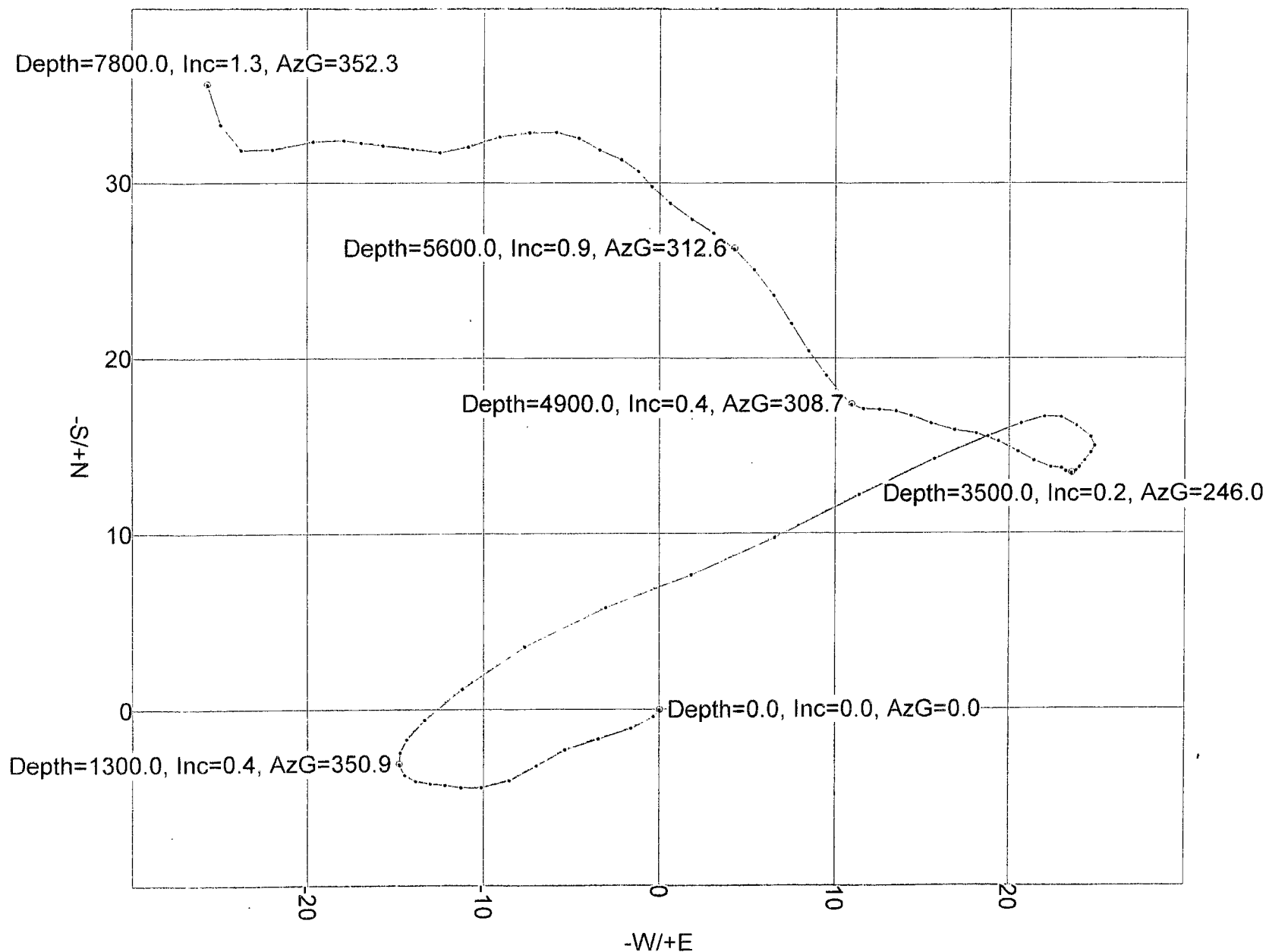
Surveyor: Jason Wilson
Capella 14 Federal Com No 002H / API 30-015-39413

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.57	224.43	100.00	-0.36	-0.35	0.28	0.50	224.43	0.57
200.00	1.12	250.46	199.99	-1.04	-1.62	0.72	1.92	237.33	0.66
300.00	1.11	254.07	299.97	-1.63	-3.47	0.96	3.84	244.83	0.07
400.00	1.18	248.83	399.95	-2.27	-5.36	1.23	5.82	247.07	0.13
500.00	0.98	230.79	499.93	-3.18	-6.99	1.83	7.68	245.52	0.39
600.00	1.09	252.00	599.92	-4.02	-8.55	2.35	9.45	244.85	0.39
700.00	0.81	261.53	699.90	-4.41	-10.15	2.45	11.07	246.50	0.32
800.00	0.56	282.01	799.89	-4.41	-11.32	2.23	12.15	248.70	0.34
900.00	0.46	275.58	899.89	-4.27	-12.20	1.93	12.92	250.69	0.12
1000.00	0.51	274.81	999.89	-4.20	-13.04	1.70	13.70	252.16	0.06
1100.00	0.45	285.75	1099.88	-4.05	-13.87	1.40	14.44	253.71	0.11
1200.00	0.39	313.79	1199.88	-3.71	-14.49	0.95	14.96	255.64	0.21
1300.00	0.44	350.90	1299.88	-3.09	-14.80	0.29	15.12	258.19	0.27
1400.00	0.36	20.65	1399.88	-2.42	-14.75	-0.36	14.94	260.68	0.22
1500.00	0.59	29.95	1499.87	-1.68	-14.38	-1.03	14.48	263.34	0.25
1600.00	1.17	48.28	1599.86	-0.55	-13.36	-1.94	13.37	267.64	0.63
1700.00	2.01	51.25	1699.82	1.23	-11.23	-3.29	11.30	276.24	0.85
1800.00	2.93	59.30	1799.73	3.63	-7.66	-4.99	8.48	295.34	0.97

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	
5800.00	0.86	305.04	5798.77	27.99	1.81	-27.16	28.04	3.70	
5900.00	0.91	307.62	5898.75	28.90	0.57	-28.29	28.90	1.14	
6000.00	0.69	316.50	5998.74	29.82	-0.47	-29.39	29.82	359.10	0.1
6100.00	0.64	322.16	6098.74	30.70	-1.23	-30.40	30.73	357.70	0.08
6200.00	0.75	289.75	6198.73	31.37	-2.19	-31.23	31.45	356.00	0.40
6300.00	0.82	298.26	6298.72	31.93	-3.44	-32.01	32.11	353.85	0.13
6400.00	0.73	301.28	6398.71	32.60	-4.61	-32.89	32.92	351.94	0.09
6500.00	0.85	270.28	6498.70	32.93	-5.90	-33.46	33.46	349.84	0.44
6600.00	0.89	267.74	6598.69	32.91	-7.41	-33.71	33.73	347.30	0.06
6700.00	1.10	257.67	6698.68	32.67	-9.12	-33.80	33.92	344.40	0.27
6800.00	1.08	247.20	6798.66	32.10	-10.93	-33.57	33.91	341.20	0.20
6900.00	0.83	274.33	6898.64	31.79	-12.52	-33.57	34.17	338.50	0.51
7000.00	0.94	278.74	6998.63	31.97	-14.06	-34.03	34.93	336.26	0.13
7100.00	1.00	275.35	7098.62	32.18	-15.74	-34.55	35.82	333.93	0.08
7200.00	0.41	282.49	7198.61	32.34	-16.97	-34.93	36.52	332.32	0.60
7300.00	0.73	275.36	7298.61	32.47	-17.95	-35.25	37.11	331.07	0.33
7400.00	1.28	262.69	7398.59	32.39	-19.69	-35.49	37.91	328.70	0.58
7500.00	1.43	255.52	7498.56	31.94	-22.01	-35.47	38.79	325.43	0.23
7600.00	0.75	296.14	7598.54	31.91	-23.80	-35.78	39.81	323.28	0.99
7700.00	1.48	333.05	7698.53	33.35	-24.97	-37.41	41.66	323.17	0.99
7800.00	1.31	352.31	7798.50	35.63	-25.71	-39.79	43.94	324.19	0.49



Vaughn Energy Services
Fort Worth, Texas
817-741-3610
Surveyor: Jason Wilson
Capella 14 Federal Com No 002H / API 30-015-39413



VES Survey Date: 01/10/2013



Stimulations Summary

District PERMIAN BASIN		County EDDY		Field Name HACKBERRY		Project Group DELAWARE BASIN			State/Province NM												
Surface Legal Location SEC14 T19S R31E		API/UWI 3001539413		Latitude (") 32° 40' 0.621" N		Longitude (") 103° 50' 22.284" W		Ground Elev... 3,560.60		KB - GL (ft) 20.00		Orig KB Elev (ft) 3,580.60		Tubing Head Elevation (ft)							
HYDRAULIC FRAC 2/26/2013 06:31 BONE SPRING OH 13,769.0 ftKB 14,158.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 224979.9 LB SUP																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		5906.90		245.0		2,534.0				2,687.0		6,947.0		77		7,652.0		81		4.00	
HYDRAULIC FRAC 2/26/2013 12:01 BONE SPRING OH 13,187.0 ftKB 13,577.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 225064.2 LB SUP																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		5185.80		2,225.0		2,731.0				2,945.0		5,406.0		80		6,327.0		81		4.00	
HYDRAULIC FRAC 2/26/2013 18:05 BONE SPRING OH 12,606.0 ftKB 12,996.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 224782.3 LB SUP																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		5134.00		2,740.0		2,936.0				3,224.0		5,406.0		80		6,466.0		80		4.00	
HYDRAULIC FRAC 2/27/2013 07:34 BONE SPRING OH 12,025.0 ftKB 12,419.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 224775.1 LB SUP																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		5086.70		1,963.0		2,936.0				2,913.0		5,250.0		80		6,466.0		80		4.00	
HYDRAULIC FRAC 2/27/2013 10:52 BONE SPRING OH 11,444.0 ftKB 11,838.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 225152.2 LB SUP																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		4936.80		2,782.0		2,987.0				3,093.0		5,889.0		80		5,398.0		80		4.00	
HYDRAULIC FRAC 2/27/2013 14:03 BONE SPRING OH 10,862.0 ftKB 11,249.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 224406.2 LB SUP																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		4938.80		2,570.0		2,925.0				3,205.0		5,003.0		80		5,317.0		80		4.00	
HYDRAULIC FRAC 2/27/2013 17:25 BONE SPRING OH 10,281.0 ftKB 10,671.0 ftKB Baker Hughes 0.25# 100 Mesh Prop 2.65 unknown 903																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		4980.00				0.0				3,136.0		4,975.0				5,519.0		80		3.46	
HYDRAULIC FRAC 2/28/2013 08:55 BONE SPRING OH 9,700.0 ftKB 10,089.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 210452.6 LB SUP																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
289,925.1		4704.50		2,268.0		2,837.0				2,837.0		5,296.0		80		5,920.0		81		4.00	

CAPELLA 14 FED COM 2H - Permian Basin Stimulation Summary - Page No. 1 - Date: 5/30...

Stage #	Date	Type	Zone	Min Top Depth (ftKB)	Max Blm Depth (ftKB)	Proppant Frm (lb)	Proppant Design (lb)	Total Clean Volume Pumped (bbl)	Conc Max (lb/gal)	P. Max (psi)	SIP (psi)	Q Start Max (bbl/min)
1	2/26/2013 06:31	HYDRAULIC FRAC	BONE SPRING, OH	13,769.0	14,158.0	302,214.1	289,925.1	5906.90	4.00	7,652.0	2,687.0	81
2	2/26/2013 12:01	HYDRAULIC FRAC	BONE SPRING, OH	13,187.0	13,577.0	302,214.1	289,925.1	5185.80	4.00	6,327.0	2,945.0	81
3	2/26/2013 18:05	HYDRAULIC FRAC	BONE SPRING, OH	12,606.0	12,996.0	302,214.1	289,925.1	5134.00	4.00	6,466.0	3,224.0	80
4	2/27/2013 07:34	HYDRAULIC FRAC	BONE SPRING, OH	12,025.0	12,419.0	302,214.1	289,925.1	5086.70	4.00	6,466.0	2,913.0	80
5	2/27/2013 10:52	HYDRAULIC FRAC	BONE SPRING, OH	11,444.0	11,838.0	302,214.1	289,925.1	4936.80	4.00	5,398.0	3,093.0	80
6	2/27/2013 14:03	HYDRAULIC FRAC	BONE SPRING, OH	10,862.0	11,249.0	302,214.1	289,925.1	4938.80	4.00	5,317.0	3,205.0	80
7	2/27/2013 17:25	HYDRAULIC FRAC	BONE SPRING, OH	10,281.0	10,671.0	287,398.8	289,925.1	4980.00	3.46	5,519.0	3,136.0	81
8	2/28/2013 08:55	HYDRAULIC FRAC	BONE SPRING, OH	9,700.0	10,089.0	257,103.1	289,925.1	4704.50	4.00	5,920.0	2,837.0	81



CAPELLA 14 FED COM 2H

WEST UNRESTRICTED

Proppant Summary by Stage

District PERMIAN BASIN			County EDDY		Field Name HACKBERRY			Project Group DELAWARE BASIN			State/Province NM	
Surface Legal Location SEC14 T19S R31E			API/UWI 3001539413		Latitude (°) 32° 40' 0.621" N		Longitude (°) 103° 50' 22.284" W		Ground Elev MSL (ft) 3,560.60	KB - Ground Level (ft) 20.00	Orig KB Elevation (ft) 3,580.60	Tubing Head Elevation (ft)
Stage #	Date	Total Clean Volume Pumped (bbl)	Proppant Design (lb)	Proppant Firm (lb)	Proppant WB (lb)	Conc Max (lb/gal)	BH Conc Max (lb/gal)	Total Add Amount				
1	2/26/2013 06:31	5906.90	289,925.1	302,214.1		4.00		OTTAWA Bulk Sand 224979.9 LB; SUPER LC Resin Coated Sand (Santrol) 83466.2 LB				
2	2/26/2013 12:01	5185.80	289,925.1	302,214.1		4.00		OTTAWA Bulk Sand 225064.2 LB; SUPER LC Resin Coated Sand (Santrol) 73450.9 LB				
3	2/26/2013 18:05	5134.00	289,925.1	302,214.1		4.00		OTTAWA Bulk Sand 224782.3 LB; SUPER LC Resin Coated Sand (Santrol) 73156.8 LB				
4	2/27/2013 07:34	5086.70	289,925.1	302,214.1		4.00		OTTAWA Bulk Sand 224775.1 LB; SUPER LC Resin Coated Sand (Santrol) 83493.4 LB				
5	2/27/2013 10:52	4936.80	289,925.1	302,214.1		4.00		OTTAWA Bulk Sand 225152.2 LB; SUPER LC Resin Coated Sand (Santrol) 65729.7 LB				
6	2/27/2013 14:03	4938.80	289,925.1	302,214.1		4.00		OTTAWA Bulk Sand 224406.2 LB; SUPER LC Resin Coated Sand (Santrol) 69723.8 LB				
7	2/27/2013 17:25	4980.00	289,925.1	287,398.8		3.46		0.25# 100 Mesh, Prop_2.65 unknown 903.226 lbm; 0.25# 20/40 White, Prop_2.65 unknown 1359.638 lbm; 0.				
8	2/28/2013 08:55	4704.50	289,925.1	257,103.1		4.00		OTTAWA Bulk Sand 210452.6 LB; SUPER LC Resin Coated Sand (Santrol) 58604.7 LB				



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 8, 2013

Attention: Spencer Stuart

Re: Devon Energy
Well: Capella 14 Federal Com #2H
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>
Joe Rivera MWD Supervisor	2H	7887' MD 14162' MD	1/19/2013 2/7/2013	Measurement While Drilling

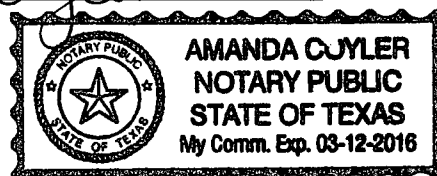
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
MWD Coordinator

On this, the 13th day of February, 2013, before me a notary public, the undersigned officer, personally appeared Jesse Aguilar, 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





Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy	Date: 2/7/2013	Time: 06:50:38	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: 2H, Grid North		
Site: Capella 14 Federal Com 2H	Vertical (TVD) Reference: SITE 3586.6		
Well: 2H	Section (VS) Reference: Well (0.00N,0.00E,169.28Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Svy	Start Date: 1/21/2013
Company: Weatherford	Engineer: Russell W. Joyner
Tool: MWD:MWD - Standard	Tied-to: User Defined

Site: Capella 14 Federal Com 2H

Site Position:	Northing: 606680.61 ft	Latitude: 32 40 0.609 N
From: Map	Easting: 693295.20 ft	Longitude: 103 50 22.301 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3560.60 ft		Grid Convergence: 0.27 deg

Well: 2H	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 606680.61 ft	Latitude: 32 40 0.609 N
+E/-W 0.00 ft	Easting: 693295.20 ft	Longitude: 103 50 22.301 W
Position Uncertainty: 0.00 ft		

Wellpath: 1	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 2/15/2013	Above System Datum: Mean Sea Level		
Field Strength: 48712 nT	Declination: 7.54 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.51 deg		
ft	+E/-W	Direction	
	ft	deg	
0.00	0.00	0.00	169.28

Survey										
MD	Incl	Azim	TVD	N/S	E/W	DLS	VS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	deg/100ft	ft	ft	ft	
7800.00	1.31	352.31	7798.50	35.63	-25.71	0.00	-39.79	606716.24	693269.49	Tie On VES First Wft Svy
7887.00	1.68	31.29	7885.47	37.71	-25.18	1.21	-41.73	606718.32	693270.02	
7919.00	5.98	30.23	7917.39	39.55	-24.10	13.44	-43.34	606720.16	693271.10	
7950.00	9.81	30.89	7948.09	43.21	-21.93	12.36	-46.53	606723.82	693273.27	
7981.00	13.46	29.91	7978.45	48.61	-18.77	11.79	-51.25	606729.22	693276.43	
8013.00	17.20	26.50	8009.31	56.07	-14.80	12.02	-57.85	606736.68	693280.40	
8044.00	20.54	25.13	8038.64	65.10	-10.45	10.87	-65.91	606745.71	693284.75	
8076.00	23.89	25.29	8068.26	76.04	-5.29	10.47	-75.70	606756.65	693289.91	
8107.00	27.54	23.51	8096.18	88.30	0.25	12.03	-86.71	606768.91	693295.45	
8139.00	30.49	20.83	8124.16	102.67	6.09	10.07	-99.75	606783.28	693301.29	
8170.00	32.36	19.65	8150.62	117.84	11.68	6.35	-113.61	606798.45	693306.88	
8202.00	33.10	19.96	8177.53	134.11	17.54	2.37	-128.51	606814.72	693312.74	
8233.00	34.27	21.82	8203.33	150.17	23.67	5.03	-143.15	606830.78	693318.87	
8265.00	36.92	23.61	8229.35	167.35	30.87	8.90	-158.68	606847.96	693326.07	
8296.00	40.80	24.58	8253.48	185.10	38.82	12.67	-174.65	606865.71	693334.02	
8328.00	44.57	24.94	8277.00	204.79	47.90	11.81	-192.31	606885.40	693343.10	
8359.00	48.48	25.05	8298.33	225.18	57.41	12.62	-210.57	606905.79	693352.61	
8390.00	51.41	26.61	8318.28	246.53	67.75	10.21	-229.62	606927.14	693362.95	
8422.00	50.97	30.71	8338.34	268.40	79.70	10.08	-248.89	606949.01	693374.90	
8453.00	50.49	33.18	8357.96	288.76	92.40	6.36	-266.54	606969.37	693387.60	
8485.00	49.04	36.81	8378.63	308.77	106.40	9.77	-283.59	606989.38	693401.60	
8516.00	48.13	40.53	8399.14	326.92	120.91	9.46	-298.73	607007.53	693416.11	
8548.00	46.74	44.73	8420.79	344.26	136.86	10.60	-312.80	607024.87	693432.06	
8579.00	45.26	48.42	8442.33	359.59	153.05	9.80	-324.85	607040.20	693448.25	
8611.00	44.43	52.79	8465.03	373.91	170.47	9.97	-335.68	607054.52	693465.67	
8642.00	43.31	56.23	8487.38	386.38	187.95	8.50	-344.68	607066.99	693483.15	
8674.00	42.59	60.90	8510.81	397.75	206.54	10.19	-352.39	607078.36	693501.74	
8705.00	41.91	66.61	8533.76	406.97	225.22	12.57	-357.97	607087.58	693520.42	
8737.00	41.56	70.31	8557.64	414.79	245.03	7.77	-361.97	607095.40	693540.23	
8768.00	41.04	74.21	8580.94	421.02	264.50	8.47	-364.48	607101.63	693559.70	



Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy	Date: 2/7/2013	Time: 06:50:38	Page: 2
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: 2H, Grid North		
Site: Capella 14 Federal Com 2H	Vertical (TVD) Reference: SITE 3586.6		
Well: 2H	Section (VS) Reference: Well (0.00N,0.00E,169.28Azi)		
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
8800.00	40.88	77.70	8605.11	426.11	284.85	7.17	-365.69	607106.72	693580.05	
8831.00	40.81	82.72	8628.56	429.56	304.81	10.59	-365.37	607110.17	693600.01	
8863.00	41.23	87.95	8652.71	431.26	325.73	10.80	-363.15	607111.87	693620.93	
8894.00	42.45	91.95	8675.81	431.27	346.40	9.46	-359.31	607111.88	693641.60	
8925.00	44.34	96.12	8698.34	429.76	367.63	11.07	-353.88	607110.37	693662.83	
8957.00	45.33	101.01	8721.04	426.39	389.93	11.21	-346.42	607107.00	693685.13	
8989.00	45.89	105.00	8743.43	421.25	412.20	9.08	-337.22	607101.86	693707.40	
9020.00	45.78	109.10	8765.03	414.73	433.45	9.49	-326.87	607095.34	693728.65	
9052.00	47.32	114.09	8787.05	406.17	455.03	12.30	-314.45	607086.78	693750.23	
9083.00	49.41	119.25	8807.65	395.77	475.71	14.15	-300.37	607076.38	693770.91	
9115.00	51.95	123.31	8827.93	382.91	496.85	12.62	-283.80	607063.52	693792.05	
9146.00	55.15	127.10	8846.35	368.52	517.21	14.25	-265.88	607049.13	693812.41	
9178.00	58.14	130.24	8863.95	351.82	538.06	12.43	-245.59	607032.43	693833.26	
9209.00	60.20	133.29	8879.83	334.08	557.91	10.75	-224.48	607014.69	693853.11	
9241.00	62.20	135.58	8895.25	314.45	577.93	8.85	-201.46	606995.06	693873.13	
9272.00	63.45	138.18	8909.41	294.32	596.77	8.48	-178.18	606974.93	693891.97	
9303.00	64.71	140.17	8922.96	273.22	614.99	7.06	-154.06	606953.83	693910.19	
9335.00	65.79	143.89	8936.36	250.32	632.87	11.08	-128.23	606930.93	693928.07	
9366.00	66.98	147.39	8948.78	226.87	648.89	11.03	-102.21	606907.48	693944.09	
9398.00	67.84	150.39	8961.08	201.58	664.15	9.06	-74.52	606882.19	693959.35	
9429.00	68.51	153.88	8972.61	176.14	677.60	10.67	-47.03	606856.75	693972.80	
9461.00	68.82	157.31	8984.25	149.00	689.91	10.03	-18.07	606829.61	693985.11	
9493.00	69.19	160.41	8995.72	121.14	700.68	9.12	11.30	606801.75	693995.88	
9524.00	70.08	163.29	9006.51	93.53	709.73	9.17	40.12	606774.14	694004.93	
9555.00	72.96	165.03	9016.34	65.25	717.75	10.71	69.40	606745.86	694012.95	
9587.00	75.94	167.15	9024.91	35.33	725.16	11.29	100.18	606715.94	694020.36	
9618.00	80.44	168.10	9031.26	5.70	731.66	14.82	130.50	606686.31	694026.86	
9639.00	83.41	168.35	9034.21	-14.66	735.90	14.19	151.28	606665.95	694031.10	
9670.00	87.62	168.68	9036.63	-44.93	742.05	13.62	182.18	606635.68	694037.25	
9701.00	89.09	168.99	9037.52	-75.33	748.05	4.85	213.16	606605.28	694043.25	
9797.00	89.44	170.36	9038.75	-169.77	765.26	1.47	309.15	606510.84	694060.46	
9891.00	89.16	172.09	9039.90	-262.66	779.59	1.86	403.09	606417.95	694074.79	
9985.00	88.04	173.52	9042.20	-355.89	791.36	1.93	496.88	606324.72	694086.56	
10080.00	87.62	173.64	9045.79	-450.22	801.98	0.46	591.54	606230.39	694097.18	
10175.00	87.27	175.75	9050.03	-544.72	810.75	2.25	686.02	606135.89	694105.95	
10269.00	87.55	177.53	9054.28	-638.46	816.26	1.91	779.14	606042.15	694111.46	
10363.00	87.41	177.33	9058.41	-732.27	820.47	0.26	872.11	605948.34	694115.67	
10458.00	86.92	177.51	9063.11	-827.06	824.74	0.55	966.03	605853.55	694119.94	
10552.00	86.78	177.53	9068.27	-920.83	828.80	0.15	1058.92	605759.78	694124.00	
10646.00	87.90	178.14	9072.64	-1014.66	832.35	1.36	1151.77	605665.95	694127.55	
10740.00	89.30	179.33	9074.93	-1108.60	834.42	1.95	1244.47	605572.01	694129.62	
10835.00	89.65	179.44	9075.80	-1203.59	835.44	0.39	1337.99	605477.02	694130.64	
10929.00	89.58	179.30	9076.44	-1297.58	836.47	0.17	1430.53	605383.03	694131.67	
11024.00	90.14	181.14	9076.67	-1392.58	836.11	2.02	1523.80	605288.03	694131.31	
11118.00	90.28	181.46	9076.32	-1486.55	833.98	0.37	1615.74	605194.06	694129.18	
11212.00	90.14	181.47	9075.98	-1580.52	831.57	0.15	1707.62	605100.09	694126.77	
11307.00	90.07	181.63	9075.80	-1675.49	829.00	0.18	1800.45	605005.12	694124.20	
11401.00	88.04	181.35	9077.35	-1769.44	826.56	2.18	1892.31	604911.17	694121.76	
11496.00	87.90	181.48	9080.72	-1864.35	824.21	0.20	1985.13	604816.26	694119.41	
11591.00	87.48	181.56	9084.55	-1959.24	821.70	0.45	2077.89	604721.37	694116.90	
11685.00	87.90	180.57	9088.34	-2053.15	819.95	1.14	2169.83	604627.46	694115.15	
11779.00	88.04	179.40	9091.67	-2147.08	819.98	1.25	2262.14	604533.53	694115.18	



Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy	Date: 2/7/2013	Time: 06:50:38	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: 2H, Grid North		
Site: Capella 14 Federal Com 2H	Vertical (TVD) Reference: SITE 3586.6		
Well: 2H	Section (VS) Reference: Well (0.00N,0.00E,169.28Azi)		
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
11874.00	87.90	179.38	9095.03	-2242.02	820.99	0.15	2355.60	604438.59	694116.19	
11968.00	87.62	179.79	9098.71	-2335.94	821.67	0.53	2448.02	604344.67	694116.87	
12062.00	87.41	180.05	9102.78	-2429.86	821.80	0.36	2540.31	604250.75	694117.00	
12157.00	86.08	180.71	9108.18	-2524.70	821.17	1.56	2633.38	604155.91	694116.37	
12252.00	86.22	179.13	9114.56	-2619.48	821.30	1.67	2726.54	604061.13	694116.50	
12346.00	87.76	179.00	9119.49	-2713.34	822.83	1.64	2819.04	603967.27	694118.03	
12440.00	88.67	179.10	9122.42	-2807.28	824.39	0.97	2911.63	603873.33	694119.59	
12534.00	89.72	178.31	9123.74	-2901.24	826.52	1.40	3004.35	603779.37	694121.72	
12629.00	89.86	178.62	9124.09	-2996.21	829.06	0.36	3098.13	603684.40	694124.26	
12723.00	89.23	179.20	9124.83	-3090.19	830.85	0.91	3190.80	603590.42	694126.05	
12818.00	88.46	179.73	9126.75	-3185.16	831.74	0.98	3284.28	603495.45	694126.94	
12912.00	87.83	179.93	9129.79	-3279.11	832.01	0.70	3376.65	603401.50	694127.21	
13007.00	89.37	179.21	9132.11	-3374.08	832.73	1.79	3470.09	603306.53	694127.93	
13101.00	90.56	178.46	9132.17	-3468.05	834.64	1.50	3562.78	603212.56	694129.84	
13195.00	90.70	178.69	9131.14	-3562.02	836.98	0.29	3655.54	603118.59	694132.18	
13290.00	90.91	179.44	9129.80	-3657.00	838.53	0.82	3749.15	603023.61	694133.73	
13384.00	88.18	179.40	9130.55	-3750.98	839.48	2.90	3841.67	602929.63	694134.68	
13479.00	87.90	179.61	9133.80	-3845.92	840.30	0.37	3935.10	602834.69	694135.50	
13574.00	88.04	180.29	9137.16	-3940.86	840.38	0.73	4028.40	602739.75	694135.58	
13668.00	87.55	179.56	9140.78	-4034.79	840.50	0.93	4120.72	602645.82	694135.70	
13743.00	87.55	179.62	9143.99	-4109.72	841.04	0.08	4194.44	602570.89	694136.24	
13837.00	87.41	178.68	9148.12	-4203.62	842.43	1.01	4286.96	602476.99	694137.63	
13932.00	88.39	178.50	9151.60	-4298.52	844.77	1.05	4380.64	602382.09	694139.97	
14026.00	89.79	178.87	9153.09	-4392.48	846.93	1.54	4473.36	602288.13	694142.13	
14121.00	90.84	178.77	9152.57	-4487.46	848.88	1.11	4567.05	602193.15	694144.08	
14162.00	91.19	179.01	9151.84	-4528.45	849.68	1.04	4607.46	602152.16	694144.88	Last Wft Svy
14232.00	91.19	179.01	9150.39	-4598.42	850.89	0.00	4676.44	602082.19	694146.09	Proj. To Bit

Annotation

MD ft	TVD ft	
7800.00	7798.50	Tie On VES
7887.00	7885.47	First Wft Svy
14162.00	9151.84	Last Wft Svy
14232.00	9150.39	Proj. To Bit



Capella 14 Federal Com 2H
Eddy Co., New Mexico

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7800.00	1.31	352.31	7798.50	35.63	-25.71	0.00	0.00	-39.79	
2	7887.05	1.31	352.31	7885.52	37.60	-25.98	0.00	0.00	-41.78	
3	8414.41	54.91	23.61	8334.17	257.68	66.51	10.20	31.79	-240.81	
4	8415.75	54.91	23.61	8334.94	258.68	66.94	0.00	0.00	-241.72	
5	9679.77	88.52	165.26	9039.99	3.99	750.01	10.19	127.26	135.59	LP Tgt
6	9803.77	88.52	165.26	9043.19	-115.89	781.55	0.00	0.00	259.24	
7	10280.97	88.52	179.58	9055.60	-587.53	844.31	3.00	90.20	734.33	
8	14310.45	88.52	179.58	9160.00	-4615.55	873.81	0.00	0.00	4697.54	PBHL

WELL DETAILS							
Name+N/-S		+E/-W	Northing	Easting	Latitude	Longitude	Slot
2H	0.00	0.00	606680.61	693295.20	32°40'00.609N	103°50'22.301W	N/A

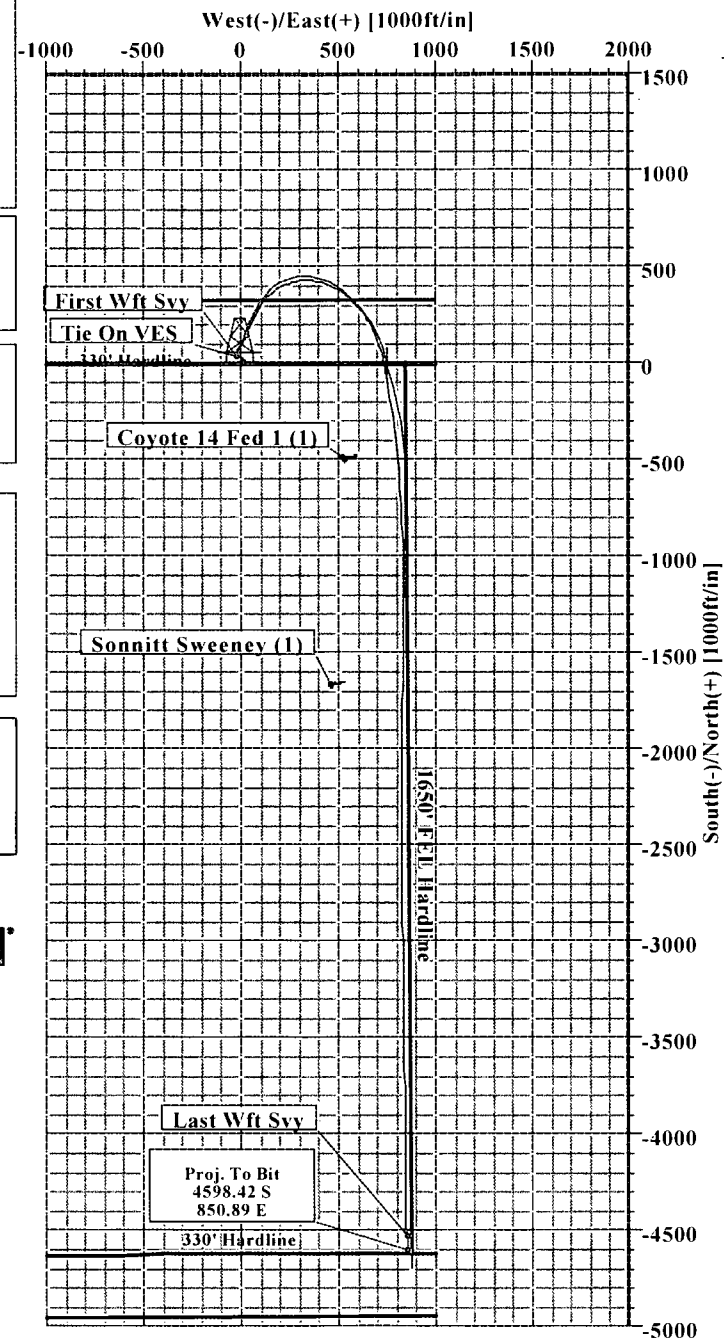
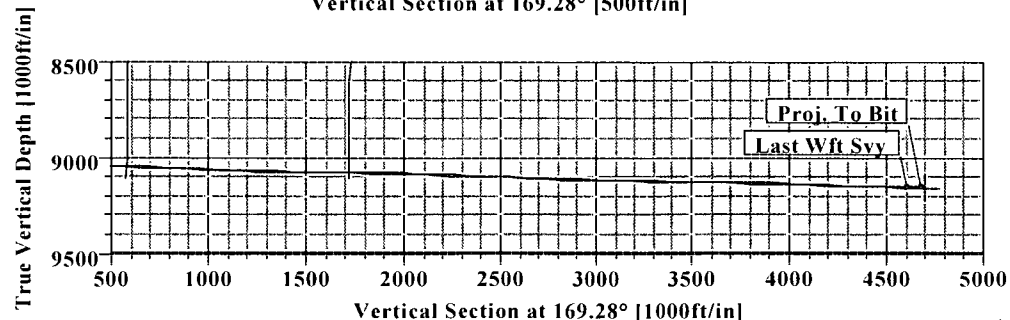
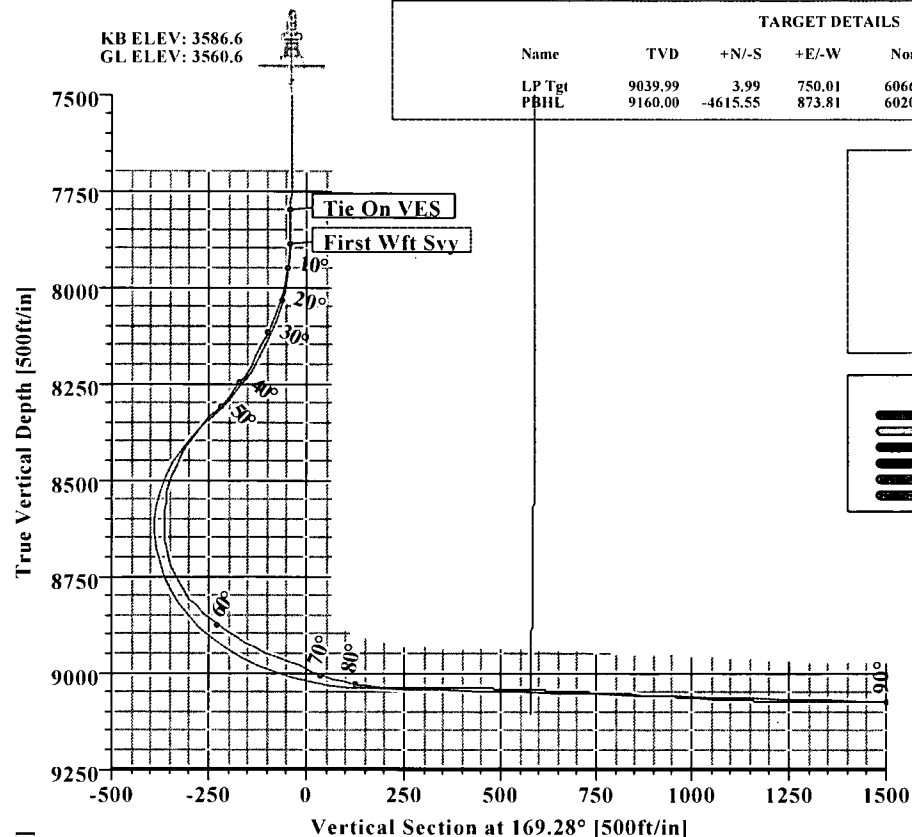
TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
LP Tgt	9039.99	3.99	750.01	606684.60	694045.21	Point
PBHL	9160.00	-4615.55	873.81	602065.06	694169.01	Point

SITE DETAILS	
Capella 14 Federal Com 2H	
Site Centre Northing: 606680.61	
Easting: 693295.20	
Ground Level: 3560.60	
Positional Uncertainty: 0.00	
Convergence: 0.27	

LEGEND	
	2H,1,Plan #5
	2H,1,Gyro
	Coyote 14 Fed 1 (1)
	Sonnett Sweeney (1)
	Wft Svy



Weatherford



Survey: Wft Svy (2H/1)										
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	
109	14232.00	91.19	179.01	9150.39	-4598.42	850.89	0.00	0.00	4676.44	

Survey: Wft Svy (2H/1)
Created By: Russell W. Joyner
Date: 2/7/2013