

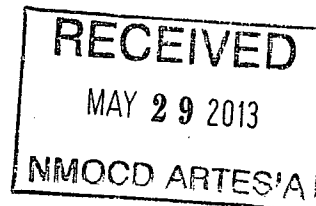


A GYRO TECHNOLOGIES INC. COMPANY

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

December 18, 2012

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



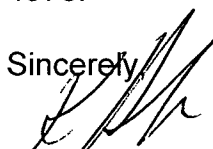
Attn: Patti Riechers

Re: **Turquoise PWU 27 No 002H**

Please find enclosed a copy of the survey from 0' to 6,170' ran on the above referenced well.

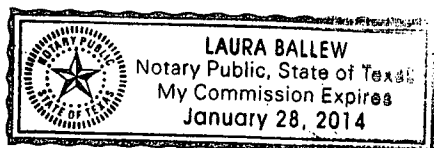
If I can be of any further service, please do not hesitate to call me at 800-606-4976.

Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 18th day of December
A.D., 2012, by Keith Havelka.





Laura Ballew
Notary Public, State of Texas



Company: Devon Energy Production Co., LP

Lease: Turquoise PWU 27 No 002H

Rig Name: McVay #6

State/County: New Mexico/Eddy

Latitude: 32.63, Longitude: -104.05

GRID North is 0.15 Degrees East of True North

VS-Azi: 0.00 Degrees



Depth Reference : 19 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: ...oise pwu 27 2h gyro survey.ut

Minimum Curvature Method

Report Date/Time: 12/18/2012 / 15:26

Vaughn Energy Services

Fort Worth, Texas

817-741-3610

Surveyor: Jason Wilson

Turquoise PWU 27 No 002H / API 30-015-40506

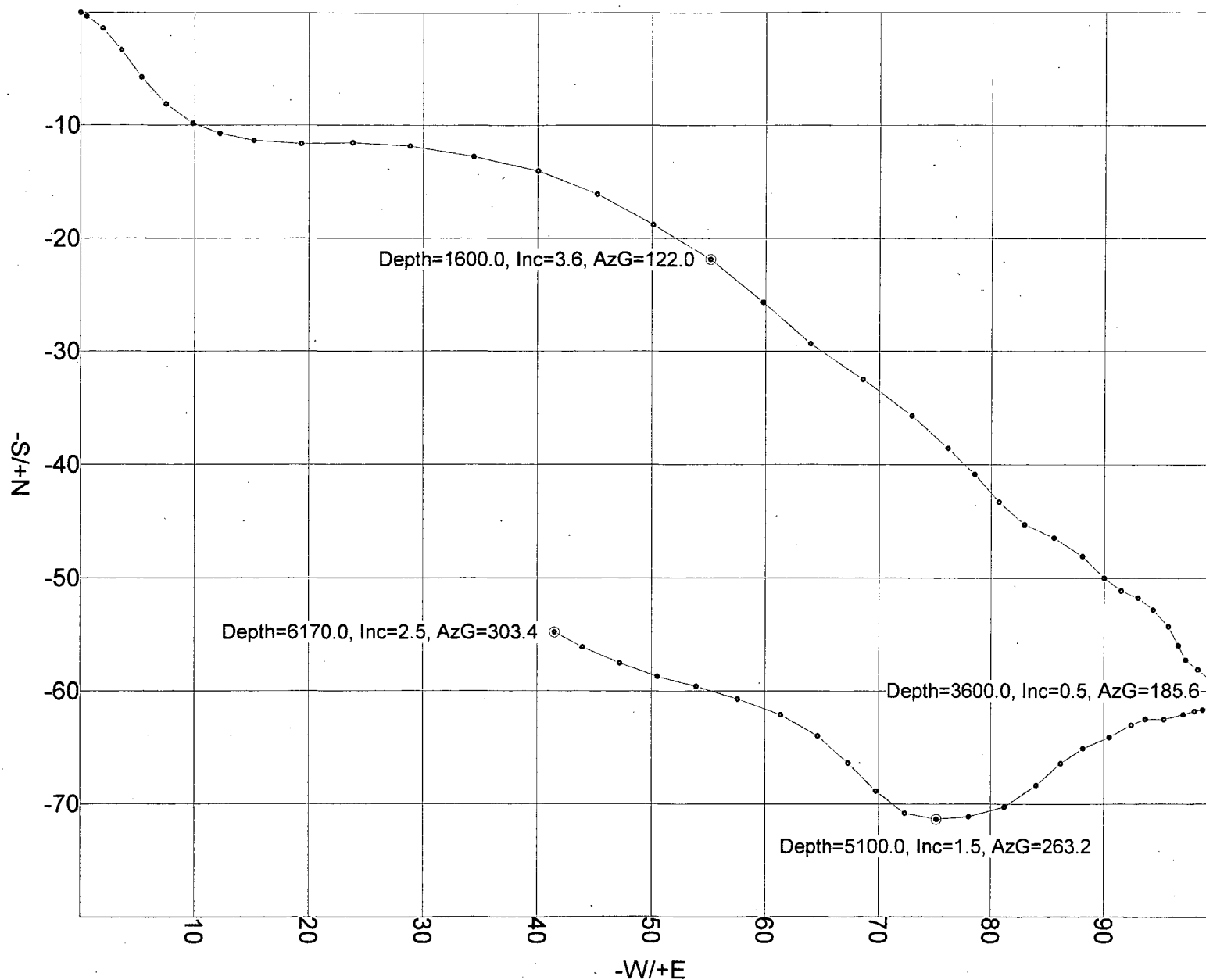
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.71	122.95	100.00	-0.33	0.52	-0.33	0.62	122.95	0.71
200.00	1.36	128.99	199.98	-1.41	1.95	-1.41	2.41	125.91	0.66
300.00	1.58	148.63	299.95	-3.33	3.59	-3.33	4.90	132.89	0.55
400.00	1.83	140.69	399.90	-5.74	5.32	-5.74	7.83	137.21	0.35
500.00	1.83	135.16	499.85	-8.12	7.46	-8.12	11.02	137.42	0.18
600.00	1.57	115.20	599.81	-9.83	9.82	-9.83	13.90	135.03	0.64
700.00	1.37	105.93	699.78	-10.74	12.21	-10.74	16.26	131.34	0.31
800.00	2.11	98.93	799.73	-11.36	15.18	-11.36	18.96	126.80	0.77
900.00	2.65	90.05	899.64	-11.65	19.32	-11.65	22.56	121.08	0.65
1000.00	2.52	87.81	999.54	-11.56	23.83	-11.56	26.48	115.89	0.17
1100.00	3.24	97.57	1099.42	-11.85	28.82	-11.85	31.17	112.35	0.87
1200.00	3.29	101.03	1199.25	-12.77	34.44	-12.77	36.73	110.35	0.20
1300.00	3.29	104.87	1299.09	-14.06	40.03	-14.06	42.43	109.35	0.22
1400.00	3.16	118.37	1398.93	-16.10	45.23	-16.10	48.01	109.60	0.77
1500.00	3.22	119.77	1498.78	-18.81	50.09	-18.81	53.51	110.58	0.10
1600.00	3.56	122.00	1598.60	-21.85	55.17	-21.85	59.34	111.61	0.36
1700.00	3.35	137.33	1698.42	-25.65	59.78	-25.65	65.05	113.22	0.94
1800.00	3.05	124.79	1798.27	-29.32	63.95	-29.32	70.35	114.63	0.76

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
1900.00	3.37	123.83	1898.11	-32.47	68.58	-32.47	75.88	115.34	0.32
2000.00	2.83	129.73	1997.96	-35.68	72.92	-35.68	81.18	116.08	0.63
2100.00	2.10	134.75	2097.87	-38.55	76.11	-38.55	85.32	116.86	0.76
2200.00	1.70	133.39	2197.82	-40.85	78.49	-40.85	88.48	117.50	0.40
2300.00	2.06	141.90	2297.76	-43.29	80.68	-43.29	91.55	118.22	0.46
2400.00	1.48	116.25	2397.72	-45.27	82.94	-45.27	94.49	118.63	0.97
2500.00	1.82	112.91	2497.67	-46.46	85.56	-46.46	97.36	118.50	0.35
2600.00	1.69	132.41	2597.63	-48.07	88.11	-48.07	100.37	118.62	0.61
2700.00	1.39	139.80	2697.59	-49.99	89.98	-49.99	102.93	119.06	0.36
2800.00	0.86	106.24	2797.57	-51.13	91.48	-51.13	104.80	119.20	0.82
2900.00	0.96	119.85	2897.56	-51.75	92.93	-51.75	106.37	119.11	0.23
3000.00	1.00	136.51	2997.55	-52.80	94.25	-52.80	108.03	119.26	0.29
3100.00	1.28	140.10	3097.53	-54.28	95.57	-54.28	109.91	119.60	0.29
3200.00	0.95	169.56	3197.51	-55.96	96.43	-55.96	111.49	120.13	0.65
3300.00	0.78	132.96	3297.50	-57.24	97.08	-57.24	112.70	120.52	0.57
3400.00	0.78	124.88	3397.49	-58.09	98.14	-58.09	114.04	120.62	0.11
3500.00	0.86	132.42	3497.48	-58.99	99.25	-58.99	115.46	120.72	0.13
3600.00	0.54	185.55	3597.47	-59.97	99.76	-59.97	116.40	121.01	0.69
3700.00	0.40	203.69	3697.47	-60.76	99.57	-60.76	116.65	121.39	0.20
3800.00	0.37	224.41	3797.47	-61.32	99.20	-61.32	116.62	121.72	0.14
3900.00	0.49	253.52	3897.46	-61.67	98.57	-61.67	116.27	122.03	0.24
4000.00	0.34	272.30	3997.46	-61.78	97.86	-61.78	115.73	122.26	0.20
4100.00	0.86	245.20	4097.45	-62.08	96.88	-62.08	115.07	122.65	0.58
4200.00	1.16	263.93	4197.44	-62.51	95.19	-62.51	113.88	123.29	0.44
4300.00	0.71	282.00	4297.43	-62.48	93.58	-62.48	112.52	123.73	0.53
4400.00	1.02	223.10	4397.42	-63.00	92.37	-63.00	111.81	124.30	0.89
4500.00	1.58	251.32	4497.39	-64.09	90.46	-64.09	110.86	125.32	0.84
4600.00	1.29	240.70	4597.36	-65.08	88.17	-65.08	109.59	126.43	0.39
4700.00	1.43	231.74	4697.33	-66.41	86.21	-66.41	108.82	127.61	0.26
4800.00	1.92	226.17	4797.29	-68.34	84.02	-68.34	108.30	129.12	0.51
4900.00	2.05	244.08	4897.23	-70.28	81.20	-70.28	107.39	130.88	0.63
5000.00	1.79	267.54	4997.17	-71.13	78.03	-71.13	105.58	132.35	0.82
5100.00	1.53	263.21	5097.13	-71.36	75.13	-71.36	103.62	133.52	0.29
5200.00	1.87	294.90	5197.09	-70.83	72.32	-70.83	101.23	134.40	0.99
5300.00	1.94	319.77	5297.04	-68.85	69.75	-68.85	98.00	134.63	0.82
5400.00	2.03	312.19	5396.98	-66.37	67.34	-66.37	94.55	134.58	0.28
5500.00	2.12	310.54	5496.91	-63.97	64.62	-63.97	90.93	134.71	0.11
5600.00	2.25	289.76	5596.84	-62.10	61.36	-62.10	87.30	135.34	0.80
5700.00	2.35	290.88	5696.76	-60.71	57.60	-60.71	83.68	136.51	0.11

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
5800.00	2.06	282.92	5796.69	-59.58	53.93	-59.58	80.36	137.85	0.42
5900.00	2.01	285.38	5896.62	-58.71	50.49	-58.71	77.44	139.30	0.10
6000.00	1.98	294.37	5996.56	-57.53	47.22	-57.53	74.43	140.62	0.31
6100.00	2.08	292.50	6096.50	-56.12	43.97	-56.12	71.29	141.92	0.12
6170.00	2.50	303.36	6166.44	-54.80	41.52	-54.80	68.75	142.85	0.86



Vaughn Energy Services
Fort Worth, Texas
817-741-3610
Surveyor: Jason Wilson
Turquoise PWU 27 No 002H / API 30-015-40506



VES Survey Date: 12/10/2012



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
333 W. Sherridan Ave
Oklahoma City, OK, 73102

Date: November 26, 2012



Attention: John Logemann

Re: Devon Energy
Well: Turquoise PWU 27 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:

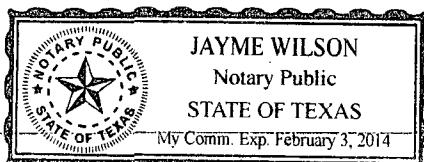
<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Alex Ramirez	2H	7376' MD	11/3/2012	Measurement
MWD Supervisor		12763' MD	11/21/2012	While Drilling

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 Ops Coordinator

On this, the 26th day of November, 20 12, 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

devon

Turquoise PWU 27 #2H
Eddy Co, NM

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	10308.00	92.17	270.60	8050.26	294.85	-2376.94	0.00	0.00	2391.79	
2	10333.05	92.74	270.11	8049.18	295.01	-2401.96	3.00	319.35	2416.76	
3	10424.38	90.00	270.11	8047.00	295.19	-2493.26	3.00	179.90	2507.84	
4	12830.03	90.00	270.11	8047.00	300.00	-4898.91	0.00	0.00	4907.88	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Turquoise PWU 27 #2H	0.00	0.00	594310.36	627238.16	32°38'00.582N	104°03'15.454W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	8047.00	300.00	-4898.91	594610.36	622339.25	Rectangle (2410x50)
2500 VS	8047.00	300.85	-2485.00	594611.21	624753.16	Rectangle (1839x50)

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

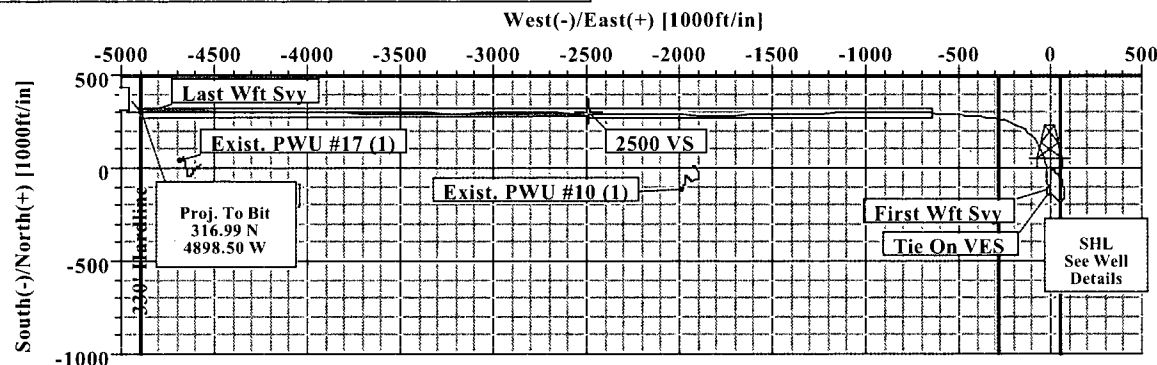
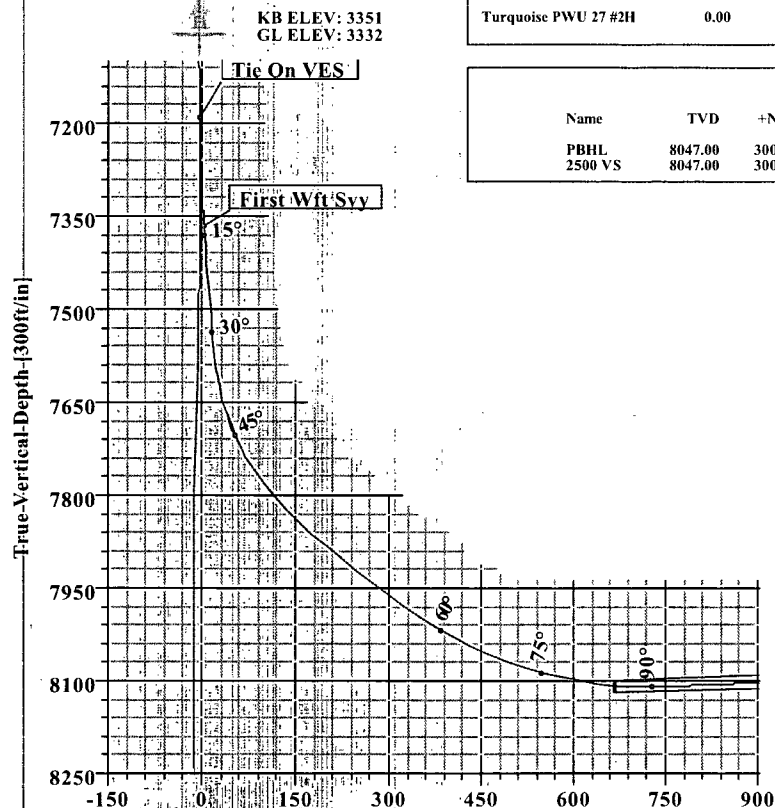
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

Turquoise PWU 27 #2H

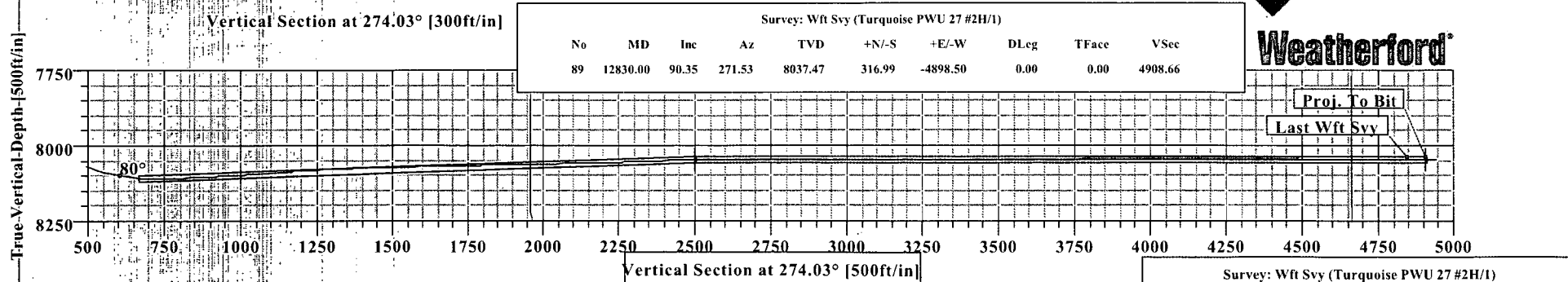
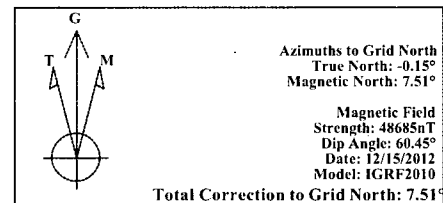
Site Centre Northing: 594310.36
Easting: 627238.16

Ground Level: 3332.00
Positional Uncertainty: 0.00
Convergence: 0.15



LEGEND

- Turquoise PWU 27 #2H, 1, Plan #7
- Turquoise PWU 27 #2H, 1, Gyro
- Exist. PWU #10 (1)
- Exist. PWU #17 (1)
- Wft Svy



Weatherford

Survey: Wft Svy (Turquoise PWU 27 #2H/1)

Created By: Russell Joyner

Date: 11/21/2012



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company:	Devon Energy	Date:	11/21/2012	Time:	05:43:19	Page:	1
Field:	Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Turquoise PWU 27 #2H	Grid:	North		
Site:	Turquoise PWU 27 #2H	Vertical (TVD) Reference:	SITE 3351.0				
Well:	Turquoise PWU 27 #2H	Section (VS) Reference:	Well: (0.00N, 0.00E, 274.03Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature	Db:	Sybase		

Survey:	Wft Svy	Start Date:	11/8/2012
Company:	Weatherford	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:	Turquoise PWU 27 #2H				
Site Position:		Northing:	594310.36 ft	Latitude:	32 38 0.582 N
From:	Map	Easting:	627238.16 ft	Longitude:	104 3 15.454 W
Position Uncertainty:	0.00 ft	North Reference:	Grid		
Ground Level:	3332.00 ft	Grid Convergence:	0.15 deg		

Well:	Turquoise PWU 27 #2H	Slot Name:			
Well Position:	+N/-S 0.00 ft	Northing:	594310.36 ft	Latitude:	32 38 0.582 N
	+E/-W 0.00 ft	Easting:	627238.16 ft	Longitude:	104 3 15.454 W
Position Uncertainty:	0.00 ft				

Wellpath:	1	Drilled From:	Surface		
Current Datum:	SITE	Tie-on Depth:	0.00 ft		
Magnetic Data:	12/15/2012	Above System Datum:	Mean Sea Level		
Field Strength:	48685 nT	Declination:	7.66 deg		
Vertical Section:	Depth From (TVD)	Mag Dip Angle:	60.45 deg		
	ft	+E/-W	Direction		
		ft	deg		
	0.00	0.00	0.00	274.03	

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		
7200.00	1.32	333.83	7191.58	-131.77	-5.72	0.00	-3.55	594178.59	627232.44	Tie On VES First Wft Svy	
7376.00	13.20	347.80	7365.86	-110.23	-10.88	6.77	3.11	594200.13	627227.28		
7408.00	17.08	349.94	7396.75	-102.03	-12.47	12.25	5.27	594208.33	627225.69		
7440.00	20.36	351.39	7427.05	-91.90	-14.13	10.35	7.63	594218.46	627224.03		
7472.00	22.97	352.61	7456.79	-80.20	-15.76	8.28	10.09	594230.16	627222.40		
7503.00	24.76	355.07	7485.14	-67.73	-17.10	6.61	12.30	594242.63	627221.06		
7535.00	27.65	356.27	7513.84	-53.64	-18.16	9.18	14.34	594256.72	627220.00		
7567.00	30.31	357.11	7541.83	-38.17	-19.05	8.41	16.32	594272.19	627219.11		
7598.00	32.50	354.50	7568.29	-22.06	-20.24	8.31	18.64	594288.30	627217.92		
7630.00	34.72	350.76	7594.94	-4.50	-22.53	9.48	22.16	594305.86	627215.63		
7662.00	37.37	348.15	7620.82	14.00	-25.99	9.57	26.91	594324.36	627212.17		
7694.00	39.79	345.76	7645.83	33.43	-30.50	8.88	32.78	594343.79	627207.66		
7726.00	41.87	342.75	7670.05	53.56	-36.19	8.95	39.86	594363.92	627201.97		
7758.00	44.16	339.05	7693.45	74.18	-43.34	10.65	48.45	594384.54	627194.82		
7789.00	46.36	336.54	7715.27	94.55	-51.67	9.13	58.19	594404.91	627186.49		
7821.00	47.00	332.19	7737.23	115.53	-61.74	10.09	69.71	594425.89	627176.42		
7853.00	47.90	326.10	7758.88	135.75	-73.83	14.30	83.19	594446.11	627164.33		
7885.00	49.01	321.22	7780.11	155.02	-88.02	11.93	98.70	594465.38	627150.14		
7917.00	49.63	316.16	7800.97	173.24	-104.04	12.15	115.95	594483.60	627134.12		
7949.00	50.42	311.07	7821.54	190.14	-121.78	12.43	134.84	594500.50	627116.38		
7980.00	50.96	306.42	7841.18	205.14	-140.48	11.73	154.55	594515.50	627097.68		
8012.00	51.38	302.12	7861.25	219.17	-161.08	10.55	176.08	594529.53	627077.08		
8044.00	51.62	297.35	7881.18	231.58	-182.81	11.69	198.64	594541.94	627055.35		
8076.00	51.99	292.70	7900.98	242.21	-205.59	11.48	222.10	594552.57	627032.57		



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy Date: 11/21/2012 Time: 05:43:19 Page: 2
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: Turquoise PWU 27 #2H, Grid North
Site: Turquoise PWU 27 #2H Vertical (TVD) Reference: SITE 3351.0
Well: Turquoise PWU 27 #2H Section (VS) Reference: Well (0.00N,0.00E,274.03Azi)
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
8108.00	52.50	288.75	7920.57	251.16	-229.25	9.89	246.33	594561.52	627008.91	
8140.00	52.79	284.69	7940.00	258.47	-253.60	10.13	271.14	594568.83	626984.56	
8172.00	53.30	280.31	7959.24	264.00	-278.56	11.05	296.42	594574.36	626959.60	
8204.00	54.84	277.57	7978.02	268.02	-304.15	8.44	322.23	594578.38	626934.01	
8236.00	57.00	277.10	7995.95	271.40	-330.43	6.86	348.69	594581.76	626907.73	
8267.00	59.24	276.65	8012.32	274.55	-356.57	7.33	374.98	594584.91	626881.59	
8299.00	61.37	276.67	8028.17	277.78	-384.18	6.66	402.75	594588.14	626853.98	
8331.00	64.20	275.56	8042.80	280.80	-412.47	9.37	431.18	594591.16	626825.69	
8363.00	66.54	274.28	8056.14	283.30	-441.45	8.17	460.26	594593.66	626796.71	
8395.00	69.28	273.53	8068.17	285.31	-471.03	8.83	489.91	594595.67	626767.13	
8427.00	72.11	273.65	8078.75	287.20	-501.16	8.85	520.11	594597.56	626737.00	
8459.00	75.47	274.13	8087.68	289.29	-531.82	10.60	550.83	594599.65	626706.34	
8491.00	78.13	274.10	8094.99	291.52	-562.89	8.31	581.98	594601.88	626675.27	
8522.00	81.01	273.99	8100.60	293.67	-593.30	9.30	612.47	594604.03	626644.86	
8554.00	83.26	272.93	8104.98	295.59	-624.94	7.76	644.16	594605.95	626613.22	
8586.00	86.35	271.90	8107.88	296.93	-656.77	10.17	676.02	594607.29	626581.39	
8619.00	88.53	272.01	8109.35	298.05	-689.72	6.61	708.96	594608.41	626548.44	
8651.00	91.12	271.92	8109.45	299.15	-721.70	8.10	740.93	594609.51	626516.46	
8683.00	92.03	271.99	8108.57	300.24	-753.66	2.85	772.90	594610.60	626484.50	
8715.00	92.45	272.39	8107.32	301.46	-785.62	1.81	804.86	594611.82	626452.54	
8746.00	92.72	271.75	8105.92	302.58	-816.56	2.24	835.81	594612.94	626421.60	
8778.00	92.88	270.60	8104.36	303.24	-848.52	3.62	867.73	594613.60	626389.64	
8874.00	93.09	269.14	8099.36	303.02	-944.39	1.53	963.35	594613.38	626293.77	
8969.00	93.85	269.22	8093.61	301.66	-1039.20	0.80	1057.83	594612.02	626198.96	
9065.00	93.85	268.57	8087.16	299.82	-1134.97	0.68	1153.23	594610.18	626103.19	
9160.00	92.94	267.50	8081.54	296.56	-1229.74	1.48	1247.54	594606.92	626008.42	
9256.00	92.80	267.94	8076.73	292.75	-1325.54	0.48	1342.84	594603.11	625912.62	
9352.00	91.54	268.28	8073.09	289.59	-1421.42	1.36	1438.26	594599.95	625816.74	
9447.00	90.84	269.39	8071.12	287.66	-1516.38	1.38	1532.85	594598.02	625721.78	
9543.00	91.26	269.40	8069.36	286.64	-1612.36	0.44	1628.52	594597.00	625625.80	
9635.00	91.61	268.21	8067.06	284.72	-1704.31	1.35	1720.10	594595.08	625533.85	
9734.00	91.26	270.08	8064.58	283.25	-1803.26	1.92	1818.71	594593.61	625434.90	
9830.00	91.05	271.58	8062.64	284.64	-1899.23	1.58	1914.54	594595.00	625338.93	
9925.00	91.33	271.58	8060.67	287.26	-1994.17	0.29	2009.43	594597.62	625243.99	
10020.00	91.19	271.34	8058.58	289.68	-2089.12	0.29	2104.31	594600.04	625149.04	
10116.00	91.26	271.13	8056.53	291.74	-2185.07	0.23	2200.17	594602.10	625053.09	
10212.00	92.03	270.99	8053.77	293.52	-2281.02	0.82	2296.00	594603.88	624957.14	
10308.00	92.17	270.60	8050.26	294.85	-2376.94	0.43	2391.79	594605.21	624861.22	
10404.00	91.89	270.56	8046.85	295.82	-2472.88	0.29	2487.55	594606.18	624765.28	
10500.00	90.63	270.21	8044.74	296.47	-2568.85	1.36	2583.33	594606.83	624669.31	
10596.00	89.86	270.81	8044.33	297.32	-2664.84	-1.02	2679.15	594607.68	624573.32	
10692.00	89.09	270.62	8045.21	298.52	-2760.83	0.83	2774.98	594608.88	624477.33	
10787.00	89.51	270.56	8046.37	299.50	-2855.82	0.45	2869.81	594609.86	624382.34	
10883.00	90.00	269.38	8046.78	299.45	-2951.82	1.33	2965.56	594609.81	624286.34	
10979.00	89.93	268.75	8046.84	297.88	-3047.80	0.66	3061.20	594608.24	624190.36	
11074.00	90.21	268.90	8046.73	295.93	-3142.78	0.33	3155.81	594606.29	624095.38	
11169.00	90.35	269.01	8046.26	294.20	-3237.77	0.19	3250.44	594604.56	624000.39	
11264.00	90.14	269.49	8045.86	292.96	-3332.76	0.55	3345.10	594603.32	623905.40	
11359.00	90.14	269.97	8045.62	292.51	-3427.76	0.51	3439.84	594602.87	623810.40	
11454.00	90.21	270.61	8045.33	292.99	-3522.75	0.68	3534.63	594603.35	623715.41	
11548.00	90.28	270.74	8044.93	294.10	-3616.75	0.16	3628.47	594604.46	623621.41	
11643.00	90.28	270.90	8044.47	295.46	-3711.73	0.17	3723.32	594605.82	623526.43	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company:	Devon Energy	Date:	11/21/2012	Time:	05:43:19	Page:	3
Field:	Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Turquoise PWU 27 #2H	Grid:	North		
Site:	Turquoise PWU 27 #2H	Vertical (TVD) Reference:	SITE 3351.0				
Well:	Turquoise PWU 27 #2H	Section (VS) Reference:	Well (0.00N,0.00E,274.03Azi)				
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
11738.00	90.49	270.93	8043.83	296.97	-3806.72	0.22	3818.18	594607.33	623431.44	
11833.00	90.28	270.91	8043.19	298.50	-3901.71	0.22	3913.04	594608.86	623336.45	
11928.00	90.21	270.79	8042.78	299.91	-3996.69	0.15	4007.89	594610.27	623241.47	
12023.00	90.35	270.51	8042.32	300.99	-4091.69	0.33	4102.72	594611.35	623146.47	
12118.00	90.28	270.75	8041.80	302.03	-4186.68	0.26	4197.55	594612.39	623051.48	
12213.00	90.35	271.00	8041.28	303.48	-4281.67	0.27	4292.41	594613.84	622956.49	
12308.00	90.77	271.10	8040.35	305.22	-4376.65	0.45	4387.28	594615.58	622861.51	
12403.00	90.77	271.27	8039.07	307.19	-4471.62	0.18	4482.15	594617.55	622766.54	
12498.00	90.00	270.88	8038.43	308.97	-4566.60	0.91	4577.02	594619.33	622671.56	
12592.00	90.07	271.37	8038.38	310.81	-4660.58	0.53	4670.90	594621.17	622577.58	
12687.00	90.14	271.50	8038.20	313.19	-4755.55	0.16	4765.80	594623.55	622482.61	
12763.00	90.35	271.53	8037.88	315.20	-4831.52	0.28	4841.73	594625.56	622406.64	Last Wft Svy
12830.00	90.35	271.53	8037.47	316.99	-4898.50	0.00	4908.66	594627.35	622339.66	Proj. To Bit

Annotation

MD ft	TVD ft	
7200.00	7191.58	Tie On VES
7376.00	7365.86	First Wft Svy
12763.00	8037.88	Last Wft Svy
12830.00	8037.47	Proj. To Bit