



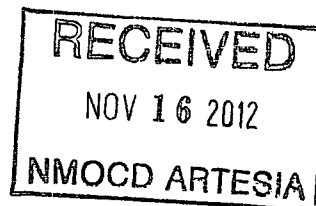
A GYRO TECHNOLOGIES INC. COMPANY

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

30-015-39994

May 10, 2012

Devon Energy Production Co., L. P.
20 North Broadway
Oklahoma City, OK 73102-8260



Attn: Mark Cooper

Re: **Shaqtus 26 State Com No. 003**

Please find enclosed a copy of the survey from 0' to 7354' 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,

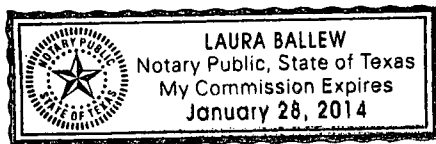

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 11th day of May,
A.D., 2012, by Keith Havelka.



Laura Ballew
Notary Public, State of Texas





Company: Devon Energy Production Co.
 Lease/Well: Shaqtus 26 State Com/No. 003
 Location: S35, T21s, R31e
 Rig Name: H&P 214
 State/County: New Mexico/Eddy
 Latitude: 32.44
 GRID North is 0.31 Degrees East of True North
 VS-Azi: 359.93 Degrees



RECEIVED
 NOV 16 2012
 NMOCD ARTESIA

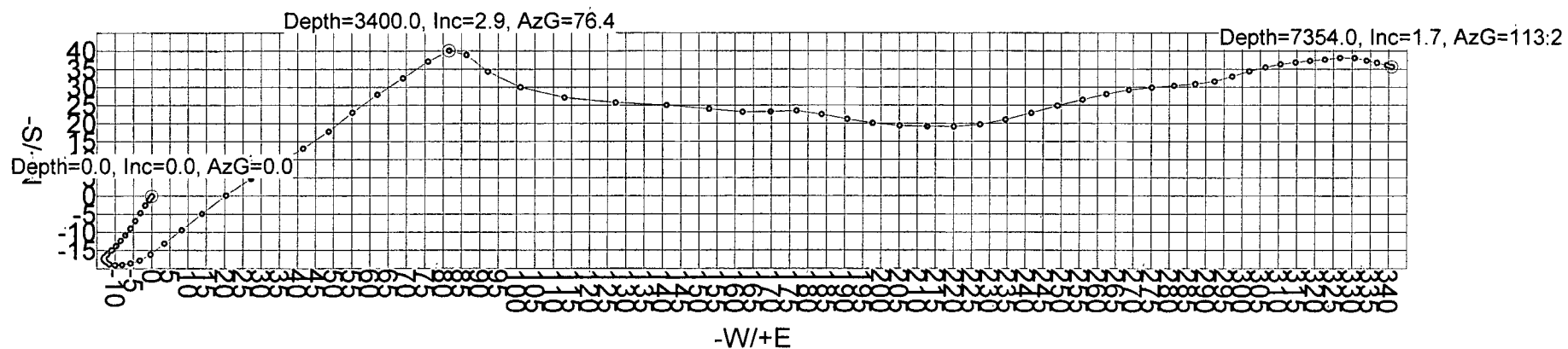
Depth Reference : RKB= 25'
 DRILLOG HA GYRO SURVEY CALCULATIONS
 Filename: shaqtus 26 state com #003_ed.ut
 Minimum Curvature Method
 Report Date/Time: 5/10/2012 / 11:39
 Vaughn Energy Services
 Gardendale, Texas
 432-563-5444
 Surveyor: Seth Hardin
 Shaqtus 26 State Com No. 003 / API# 30-015-39994

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	0.36	212.60	100.00	-0.26	-0.17	-0.26	0.31	212.60	0.36
200.00	0.84	217.93	199.99	-1.11	-0.79	-1.10	1.36	215.49	0.49
300.00	1.24	212.44	299.98	-2.60	-1.82	-2.60	3.17	215.02	0.40
400.00	1.56	212.63	399.95	-4.66	-3.13	-4.65	5.61	213.94	0.32
500.00	1.41	213.28	499.91	-6.83	-4.54	-6.82	8.20	213.63	0.15
600.00	1.39	211.80	599.88	-8.89	-5.86	-8.88	10.65	213.38	0.04
700.00	1.26	219.15	699.86	-10.77	-7.19	-10.76	12.95	213.72	0.22
800.00	1.06	221.71	799.84	-12.31	-8.50	-12.30	14.96	214.61	0.20
900.00	1.03	223.08	899.82	-13.66	-9.73	-13.65	16.77	215.45	0.04
1000.00	0.99	223.87	999.80	-14.94	-10.94	-14.93	18.51	216.21	0.04
1100.00	0.90	231.92	1099.79	-16.05	-12.15	-16.03	20.13	217.14	0.16
1200.00	0.37	209.63	1199.78	-16.81	-12.93	-16.79	21.21	217.57	0.58
1300.00	0.14	205.46	1299.78	-17.20	-13.14	-17.18	21.65	217.39	0.23
1400.00	0.25	158.16	1399.78	-17.51	-13.12	-17.50	21.88	216.83	0.19
1500.00	0.70	130.99	1499.78	-18.11	-12.58	-18.10	22.05	214.77	0.49
1600.00	0.74	114.07	1599.77	-18.78	-11.53	-18.76	22.03	211.55	0.22
1700.00	1.07	87.86	1699.76	-19.01	-10.00	-18.99	21.48	207.75	0.52
1800.00	1.12	87.33	1799.74	-18.93	-8.09	-18.92	20.58	203.15	0.04

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	1.48	75.07	1899.72	-18.55	-5.87	-18.54	19.45	197.56	0.46
2000.00	1.60	71.39	1999.68	-17.77	-3.30	-17.76	18.07	190.51	0.16
2100.00	2.33	52.00	2099.62	-16.07	-0.37	-16.07	16.07	181.32	0.98
2200.00	3.20	51.95	2199.50	-13.10	3.43	-13.10	13.54	165.33	0.87
2300.00	3.73	52.68	2299.32	-9.41	8.21	-9.42	12.49	138.89	0.53
2400.00	4.61	50.12	2399.06	-4.86	13.88	-4.88	14.70	109.32	0.90
2500.00	4.82	54.59	2498.72	0.14	20.38	0.12	20.38	89.59	0.42
2600.00	4.63	57.63	2598.38	4.74	27.21	4.71	27.62	80.12	0.31
2700.00	4.72	60.33	2698.05	8.94	34.20	8.89	35.34	75.35	0.24
2800.00	4.99	61.11	2797.69	13.07	41.57	13.02	43.58	72.55	0.28
2900.00	4.79	50.96	2897.33	17.80	48.62	17.74	51.77	69.89	0.89
3000.00	4.83	51.83	2996.97	23.03	55.17	22.96	59.78	67.34	0.09
3100.00	4.82	56.14	3096.62	27.98	61.97	27.90	68.00	65.71	0.36
3200.00	4.78	58.52	3196.27	32.49	69.02	32.41	76.29	64.79	0.20
3300.00	4.69	53.82	3295.93	37.08	75.87	36.99	84.45	63.95	0.40
3400.00	2.93	76.37	3395.71	40.10	81.65	40.00	90.97	63.85	2.28
3500.00	3.34	127.81	3495.58	38.91	86.44	38.81	94.79	65.76	2.74
3600.00	5.11	128.52	3595.30	34.35	92.23	34.24	98.42	69.57	1.78
3700.00	6.39	106.57	3694.81	29.99	101.05	29.86	105.40	73.47	2.52
3800.00	7.76	100.71	3794.05	27.15	113.01	27.01	116.22	76.49	1.55
3900.00	8.63	90.87	3893.03	25.78	127.14	25.62	129.73	78.54	1.65
4000.00	7.47	95.04	3992.04	25.09	141.13	24.92	143.34	79.92	1.30
4100.00	6.02	95.48	4091.35	24.02	152.83	23.83	154.70	81.07	1.46
4200.00	4.63	94.99	4190.91	23.17	162.07	22.97	163.72	81.86	1.39
4300.00	4.21	83.34	4290.62	23.24	169.74	23.03	171.33	82.20	0.99
4400.00	3.91	92.30	4390.37	23.53	176.80	23.32	178.36	82.42	0.70
4500.00	4.08	103.67	4490.12	22.55	183.66	22.33	185.04	83.00	0.81
4600.00	4.06	97.60	4589.87	21.25	190.62	21.01	191.81	83.64	0.43
4700.00	4.14	101.15	4689.62	20.08	197.67	19.84	198.69	84.20	0.27
4800.00	4.52	90.35	4789.33	19.36	205.15	19.11	206.06	84.61	0.90
4900.00	4.18	92.75	4889.05	19.16	212.73	18.90	213.59	84.85	0.39
5000.00	4.28	87.65	4988.77	19.14	220.10	18.87	220.93	85.03	0.39
5100.00	4.04	82.92	5088.51	19.73	227.33	19.45	228.18	85.04	0.42
5200.00	4.28	76.37	5188.25	21.04	234.45	20.75	235.39	84.87	0.53
5300.00	4.29	74.89	5287.97	22.89	241.68	22.60	242.76	84.59	0.11
5400.00	4.30	74.45	5387.69	24.87	248.90	24.57	250.14	84.29	0.04
5500.00	3.99	78.55	5487.42	26.57	255.93	26.26	257.31	84.07	0.43
5600.00	3.67	75.10	5587.20	28.09	262.44	27.76	263.94	83.89	0.40
5700.00	3.68	83.98	5687.00	29.24	268.72	28.92	270.31	83.79	0.57



Vaughn Energy Services
Gardendale, Texas
432-563-5444
Surveyor: Seth Hardin
Shaqtus 26 State Com No. 003 / API# 30-015-39994



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	3.69	84.93	5786.79	29.87	275.12	29.53	276.74	83.80	0.06
5900.00	3.44	85.05	5886.60	30.41	281.32	30.07	282.96	83.83	0.25
6000.00	3.26	86.05	5986.42	30.86	287.15	30.51	288.80	83.87	0.19
6100.00	2.83	77.52	6086.28	31.59	292.40	31.24	294.10	83.83	0.62
6200.00	2.90	71.06	6186.16	32.95	297.21	32.59	299.03	83.67	0.33
6300.00	2.72	75.21	6286.04	34.38	301.90	34.01	303.85	83.50	0.27
6400.00	2.52	76.00	6385.93	35.52	306.32	35.14	308.37	83.39	0.21
6500.00	2.37	82.19	6485.84	36.33	310.51	35.95	312.62	83.33	0.30
6600.00	2.34	84.72	6585.76	36.80	314.59	36.41	316.74	83.33	0.11
6700.00	2.28	81.74	6685.68	37.27	318.59	36.88	320.77	83.33	0.14
6800.00	2.40	86.74	6785.59	37.68	322.65	37.28	324.84	83.34	0.24
6900.00	2.38	80.25	6885.51	38.15	326.78	37.75	329.00	83.34	0.27
7000.00	2.23	102.32	6985.43	38.08	330.73	37.68	332.91	83.43	0.89
7100.00	1.56	103.05	7085.37	37.36	333.96	36.95	336.04	83.62	0.67
7200.00	1.74	100.21	7185.33	36.78	336.78	36.37	338.78	83.77	0.19
7300.00	1.46	107.31	7285.29	36.14	339.48	35.72	341.40	83.92	0.34
7354.00	1.67	113.15	7339.27	35.62	340.86	35.21	342.72	84.03	0.48



Weatherford[®]

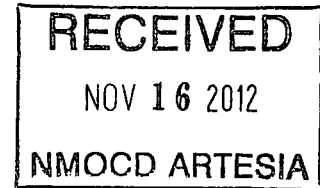
Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Devon Energy
20 North Broadway
Oklahoma City, OK, 73102

Date: May 21, 2012

Attention: Eric Cogburn

Re: Devon Energy ^{state}
Well: Shaqtus 26 ~~Eed~~ Com #3H
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
Michael Lockhart MWD Supervisor	1H	7436' MD 12979' MD	5/6/2012 5/19/2012	Measurement While Drilling

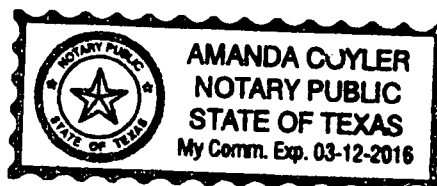
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
Area Manager

On this, the 22 day of May, 2012, 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.

Amanda Cuyler
Notary Public





Weatherford

WFT Survey Report X & Y's



Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Shaqtus 26 State Com 3H
Well: 3H
Wellpath: 1

Date: 5/19/2012 Time: 04:01:04 Page: 1
Co-ordinate(NE) Reference: Well: 3H, Grid North
Vertical (TVD) Reference: SITE 3551.2
Section (VS) Reference: Well (0.00N,0.00E,359.93Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy Start Date: 5/9/2012

Company: Weatherford International Ltd.
Tool: MWD;MWD - Standard Engineer: Russell W. Joyner
Tied-to: User Defined

Field: Eddy Co., NM (NAD 83)

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010

Site: Shaqtus 26 State Com 3H

Site Position: Northing: 524811.53 ft Latitude: 32 26 29.048 N
From: Map Easting: 722367.62 ft Longitude: 103 44 47.483 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3525.20 ft Grid Convergence: 0.31 deg

Well: 3H Slot Name:

Well Position: +N/-S 0.00 ft Northing: 524811.53 ft Latitude: 32 26 29.048 N
+E/-W 0.00 ft Easting: 722367.62 ft Longitude: 103 44 47.483 W
Position Uncertainty: 0.00 ft

Wellpath: 1

Current Datum: SITE Height: 3551.20 ft
Magnetic Data: 6/1/2012
Field Strength: 48658 nT
Vertical Section: Depth From (TVD) ft

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 7.57 deg
Mag Dip Angle: 60.33 deg
+E/-W Direction deg

0.00 0.00 0.00 359.93

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
7354.00	1.67	113.15	7339.27	35.62	340.86	0.00	35.22	524847.15	722708.48	Tie On VES First Wft Svy
7436.00	2.71	21.03	7421.23	36.96	342.65	3.95	36.56	524848.49	722710.27	
7467.00	5.63	11.96	7452.15	39.13	343.23	9.63	38.73	524850.66	722710.85	
7499.00	8.64	7.36	7483.89	43.05	343.87	9.57	42.65	524854.58	722711.49	
7530.00	11.36	2.42	7514.42	48.41	344.29	9.19	48.01	524859.94	722711.91	
7561.00	13.37	4.49	7544.70	55.04	344.70	6.64	54.63	524866.57	722712.32	
7593.00	15.61	4.03	7575.68	63.02	345.30	7.01	62.61	524874.55	722712.92	
7624.00	17.37	1.18	7605.41	71.81	345.68	6.25	71.40	524883.34	722713.30	
7656.00	20.54	358.37	7635.67	82.20	345.62	10.31	81.79	524893.73	722713.24	
7687.00	22.53	357.42	7664.50	93.57	345.20	6.52	93.16	524905.10	722712.82	
7718.00	24.24	357.68	7692.95	105.86	344.68	5.53	105.46	524917.39	722712.30	
7749.00	26.28	358.77	7720.99	119.08	344.27	6.75	118.68	524930.61	722711.89	
7771.00	27.70	359.74	7740.59	129.07	344.14	6.76	128.66	524940.60	722711.76	
7812.00	30.28	359.60	7776.45	148.93	344.03	6.29	148.53	524960.46	722711.65	
7844.00	33.18	0.60	7803.67	165.76	344.06	9.21	165.36	524977.29	722711.68	
7875.00	36.09	1.14	7829.17	183.38	344.33	9.44	182.97	524994.91	722711.95	
7906.00	39.23	1.56	7853.71	202.31	344.78	10.16	201.90	525013.84	722712.40	
7938.00	41.64	2.01	7878.06	223.05	345.43	7.59	222.64	525034.58	722713.05	
7969.00	45.72	1.98	7900.48	244.44	346.18	13.16	244.04	525055.97	722713.80	
8000.00	50.01	0.80	7921.27	267.42	346.72	14.12	267.01	525078.95	722714.34	
8031.00	54.53	359.43	7940.24	291.93	346.77	14.99	291.52	525103.46	722714.39	
8063.00	58.16	357.75	7957.97	318.55	346.10	12.16	318.14	525130.08	722713.72	
8094.00	61.34	356.80	7973.58	345.30	344.83	10.59	344.89	525156.83	722712.45	
8125.00	65.12	356.87	7987.54	372.93	343.30	12.20	372.52	525184.46	722710.92	



Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Shaqtus 26 State Com 3H
Well: 3H
Wellpath: 1

Date: 5/19/2012 Time: 04:01:04 Page: 2
Co-ordinate(NE) Reference: Well: 3H, Grid North
Vertical (TVD) Reference: SITE 3551.2
Section (VS) Reference: Well (0.00N,0.00E,359.93Azi)
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
8157.00	69.21	356.66	7999.96	402.37	341.63	12.80	401.96	525213.90	722709.25	
8188.00	73.72	356.18	8009.81	431.69	339.80	14.62	431.29	525243.22	722707.42	
8220.00	76.40	355.77	8018.06	462.53	337.63	8.47	462.13	525274.06	722705.25	
8251.00	79.42	355.14	8024.55	492.74	335.22	9.94	492.35	525304.27	722702.84	
8282.00	82.03	354.84	8029.55	523.22	332.55	8.47	522.83	525334.75	722700.17	
8314.00	82.88	354.89	8033.75	554.82	329.71	2.66	554.43	525366.35	722697.33	
8343.00	83.30	354.91	8037.24	583.49	327.15	1.45	583.11	525395.02	722694.77	
8353.00	83.37	354.75	8038.40	593.38	326.26	1.74	593.00	525404.91	722693.88	
8384.00	85.90	354.49	8041.30	624.11	323.36	8.20	623.73	525435.64	722690.98	
8412.00	88.00	353.92	8042.79	651.92	320.54	7.77	651.55	525463.45	722688.16	
8444.00	88.99	353.68	8043.63	683.73	317.09	3.18	683.35	525495.26	722684.71	
8475.00	91.43	353.93	8043.52	714.54	313.74	7.91	714.17	525526.07	722681.36	
8506.00	92.90	354.51	8042.34	745.36	310.62	5.10	745.00	525556.89	722678.24	
8569.00	88.57	355.33	8041.54	808.09	305.04	7.00	807.73	525619.62	722672.66	
8600.00	87.10	355.98	8042.71	838.98	302.70	5.18	838.62	525650.51	722670.32	
8632.00	87.24	355.64	8044.29	870.86	300.36	1.15	870.50	525682.39	722667.98	
8685.00	87.38	355.89	8046.77	923.65	296.45	0.54	923.30	525735.18	722664.07	
8725.00	89.20	356.57	8047.97	963.55	293.82	4.86	963.20	525775.08	722661.44	
8819.00	89.55	356.90	8048.99	1057.39	288.47	0.51	1057.05	525868.92	722656.09	
8913.00	91.01	357.16	8048.53	1151.26	283.60	1.58	1150.92	525962.79	722651.22	
9007.00	91.50	357.51	8046.48	1245.13	279.23	0.64	1244.81	526056.66	722646.85	
9101.00	89.90	355.58	8045.33	1338.95	273.57	2.67	1338.63	526150.48	722641.19	
9195.00	90.52	356.25	8044.98	1432.71	266.87	0.97	1432.39	526244.24	722634.49	
9289.00	90.59	356.71	8044.07	1526.53	261.10	0.49	1526.22	526338.06	722628.72	
9383.00	91.43	355.32	8042.41	1620.28	254.57	1.73	1619.98	526431.81	722622.19	
9477.00	91.08	355.44	8040.36	1713.95	247.00	0.39	1713.66	526525.48	722614.62	
9572.00	91.57	355.87	8038.16	1808.65	239.80	0.69	1808.37	526620.18	722607.42	
9665.00	91.78	355.55	8035.44	1901.35	232.85	0.41	1901.08	526712.88	722600.47	
9760.00	91.23	356.04	8032.95	1996.07	225.89	0.78	1995.80	526807.60	722593.51	
9854.00	91.71	356.68	8030.53	2089.84	219.92	0.85	2089.58	526901.37	722587.54	
9948.00	89.89	354.55	8029.22	2183.55	212.73	2.98	2183.30	526995.08	722580.35	
10041.00	89.97	354.73	8029.34	2276.14	204.05	0.21	2275.90	527087.67	722571.67	
10136.00	89.13	354.53	8030.08	2370.72	195.16	0.91	2370.49	527182.25	722562.78	
10229.00	90.38	354.42	8030.48	2463.29	186.20	1.35	2463.07	527274.82	722553.82	
10301.00	91.01	354.13	8029.61	2534.92	179.02	0.96	2534.71	527346.45	722546.64	
10328.00	91.15	354.33	8029.10	2561.78	176.31	0.90	2561.57	527373.31	722543.93	
10422.00	91.15	354.26	8027.21	2655.30	166.96	0.07	2655.10	527466.83	722534.58	
10516.00	90.24	354.28	8026.07	2748.82	157.58	0.97	2748.63	527560.35	722525.20	
10610.00	92.48	355.21	8023.84	2842.39	148.97	2.58	2842.21	527653.92	722516.59	
10704.00	92.48	355.68	8019.77	2936.01	141.52	0.50	2935.84	527747.54	722509.14	
10798.00	91.08	356.81	8016.85	3029.76	135.36	1.91	3029.59	527841.29	722502.98	
10892.00	91.01	357.06	8015.14	3123.61	130.34	0.28	3123.45	527935.14	722497.96	
10986.00	90.59	358.37	8013.83	3217.52	126.59	1.46	3217.37	528029.05	722494.21	
11080.00	90.73	359.09	8012.74	3311.49	124.51	0.78	3311.34	528123.02	722492.13	
11174.00	90.59	359.93	8011.66	3405.48	123.70	0.91	3405.33	528217.01	722491.32	
11268.00	89.97	357.51	8011.20	3499.45	121.60	2.66	3499.30	528310.98	722489.22	
11362.00	90.17	357.93	8011.09	3593.37	117.86	0.49	3593.23	528404.90	722485.48	
11456.00	92.20	357.03	8009.14	3687.25	113.73	2.36	3687.12	528498.78	722481.35	
11550.00	92.13	356.20	8005.59	3781.02	108.19	0.89	3780.89	528592.55	722475.81	
11644.00	90.94	354.43	8003.07	3874.67	100.51	2.27	3874.55	528686.20	722468.13	
11738.00	90.66	354.64	8001.76	3968.23	91.56	0.37	3968.12	528779.76	722459.18	
11832.00	91.78	355.12	7999.76	4061.84	83.17	1.30	4061.73	528873.37	722450.79	



Weatherford

WFT Survey Report X & Y's



Company: Devon Energy	Date: 5/19/2012	Time: 04:01:04	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: 3H, Grid North		
Site: Shaqtus 26 State Com 3H	Vertical (TVD) Reference: SITE 3551.2		
Well: 3H	Section (VS) Reference: Well (0.00N,0.00E,359.93Azi)		
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
11926.00	91.29	354.82	7997.24	4155.44	74.93	0.61	4155.35	528966.97	722442.55	
12020.00	91.78	355.53	7994.72	4249.07	67.03	0.92	4248.99	529060.60	722434.65	
12114.00	90.59	355.42	7992.78	4342.76	59.62	1.27	4342.68	529154.29	722427.24	
12198.00	91.01	356.30	7991.61	4426.53	53.55	1.16	4426.46	529238.06	722421.17	
12292.00	90.11	356.97	7990.69	4520.36	48.04	1.19	4520.30	529331.89	722415.66	
12386.00	90.38	357.79	7990.28	4614.26	43.74	0.92	4614.21	529425.79	722411.36	
12480.00	88.64	357.12	7991.09	4708.16	39.57	1.98	4708.11	529519.69	722407.19	
12575.00	89.20	357.62	7992.88	4803.04	35.21	0.79	4803.00	529614.57	722402.83	
12669.00	89.27	357.90	7994.13	4896.96	31.53	0.31	4896.92	529708.49	722399.15	
12763.00	89.27	357.96	7995.33	4990.89	28.14	0.06	4990.86	529802.42	722395.76	
12857.00	89.13	357.83	7996.64	5084.82	24.69	0.20	5084.79	529896.35	722392.31	
12950.00	90.03	358.59	7997.33	5177.77	21.78	1.27	5177.74	529989.30	722389.40	
12979.00	90.31	358.80	7997.24	5206.76	21.12	1.21	5206.74	530018.29	722388.74	Last Wft Svy
13042.00	90.31	358.80	7996.90	5269.75	19.80	0.00	5269.72	530081.28	722387.42	Proj. To Bit

Annotation

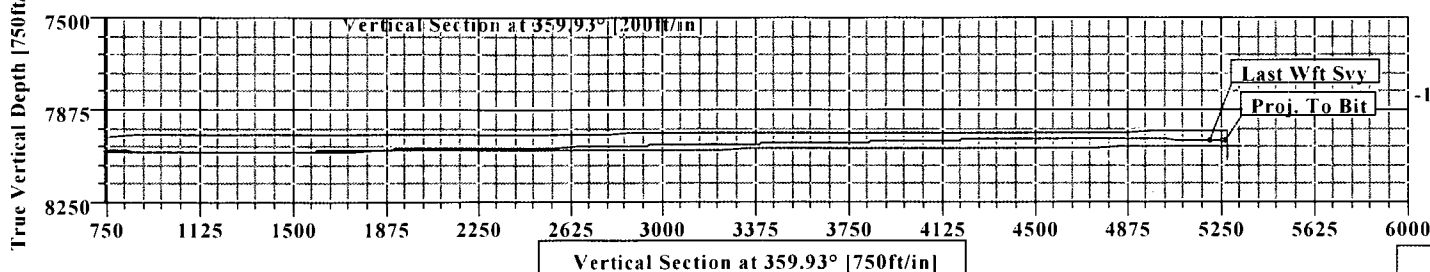
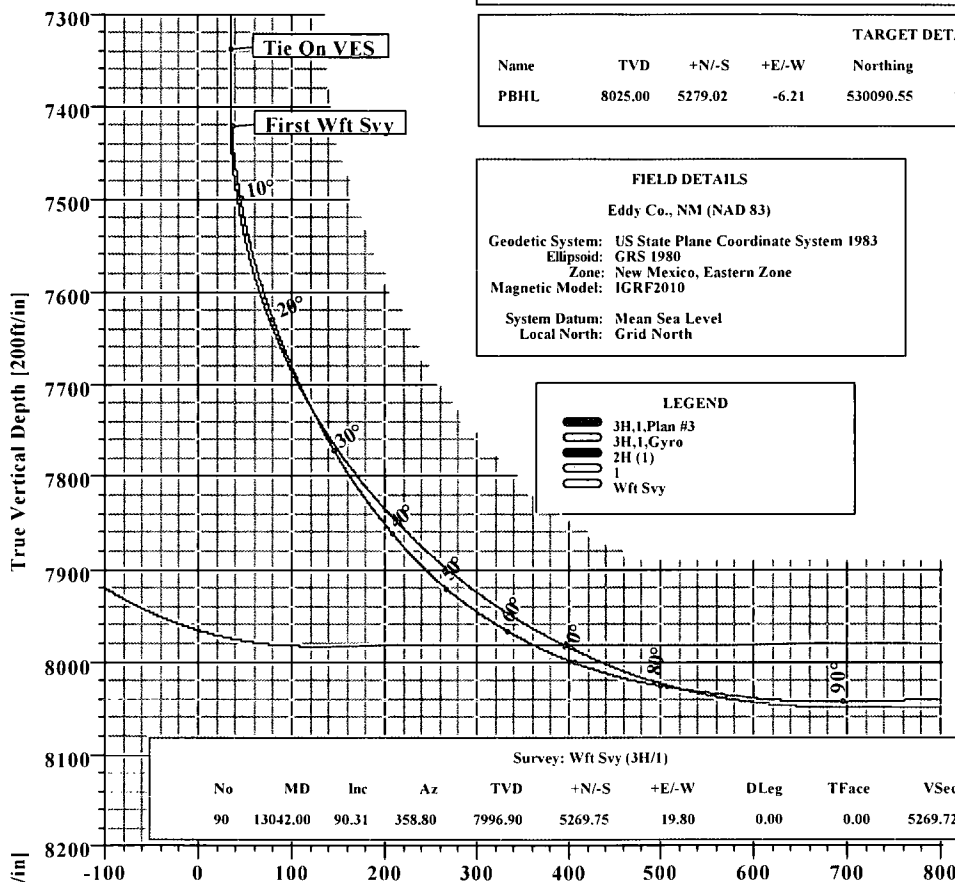
MD ft	TVD ft	
7354.00	7339.27	Tie On VES
7436.00	7421.23	First Wft Svy
12979.00	7997.24	Last Wft Svy
13042.00	7996.90	Proj. To Bit



Shaqtus 26 State Com 3H Eddy Co., New Mexico



KB ELEV: 3551.20
GLELEV: 3525.20



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7354.00	1.67	113.15	7339.27	35.62	340.86	0.00	0.00	35.22	
2	7410.00	1.67	113.15	7395.25	34.98	342.36	0.00	0.00	34.57	
3	8435.43	90.30	356.01	8048.82	683.09	314.26	8.88	-117.12	682.72	
4	13042.57	90.30	356.01	8025.00	5279.02	-6.21	0.00	0.00	5279.02	PBHL

WELL DETAILS

Name+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
3H 0.00	0.00	524811.53	722367.62	32°26'29.048N	103°44'47.483W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	8025.00	5279.02	-6.21	530090.55	722361.41	32°27'21.285N	103°44'47.217W	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

Shaqtus 26 State Com 3H

Site Centre Northing: 524811.53

Easting: 722367.62

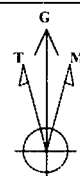
Ground Level: 3525.20

Positional Uncertainty: 0.00

Convergence: 0.31

LEGEND

- 3H, 1, Plan #3
- 3H, 1, Gyro
- 2H (1)
- 1 Wft Svy



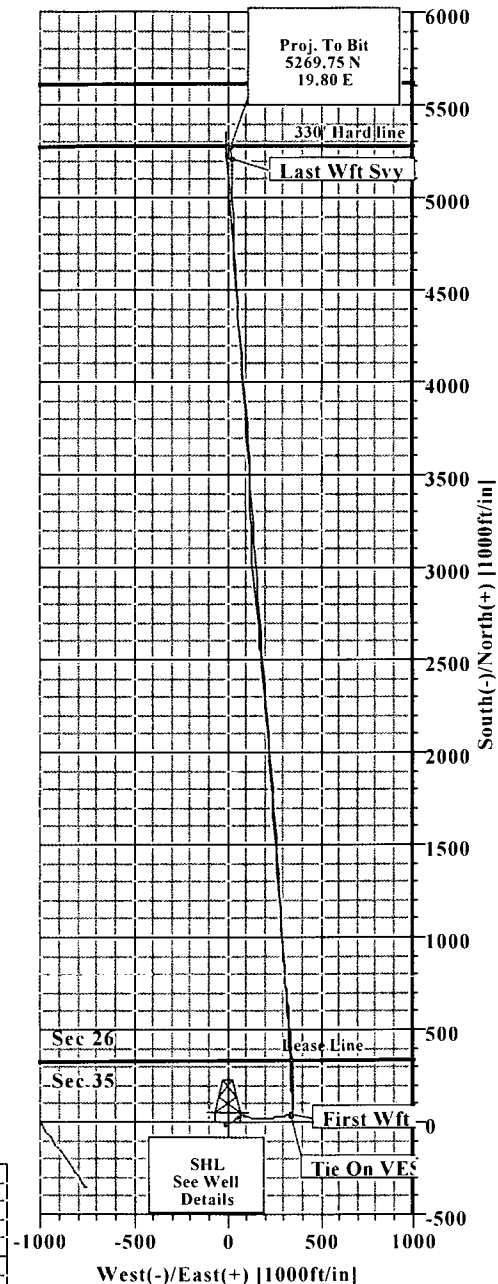
Azimuths to Grid North
True North: -0.31°
Magnetic North: 7.25°

Magnetic Field
Strength: 48658nT
Dip Angle: 60.33°
Date: 6/1/2012
Model: IGRF2010

Total Correction to Grid North: 7.25°



Weatherford



West(-)/East(+) | 1000ft/in

Survey: Wft Svy (3H/1)

Created By: Russell W. Joyner

Date: 5/19/2012