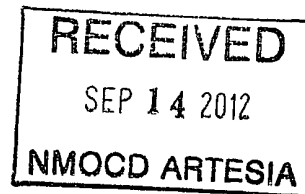




PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

April 20, 2012

30-015-39372



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

Attn: Mark Cooper

Re: **Diamond PWU 22 No. 003H**

Please find enclosed a copy of the survey from 0' to 7275' ran on the above referenced well.

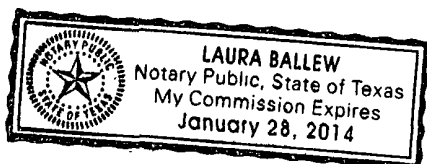
If I can be of any further service please do not hesitate to call me at 800-606-4976.

Sincerely,

Keith Havelka
Operations

STATE OF TEXAS §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 20th day of April, A.D., 2012, by Keith Havelka.



Laura Ballew
Notary Public, State of Texas



Company: Devon Energy Production Co.

Lease/Well: Diamond PWU 22 /No. 003H

Location: Sec - 22 T - 19S - R - 29E

Rig Name: H&P 214

State/County: New Mexico/Eddy

Latitude: 32.64

GRID North is 0.14 Degrees East of True North

VS-Azi: 89.14 Degrees



Depth Reference : RKB = 25 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: diamond pwu 22 #3h_ed.ut

Minimum Curvature Method

Report Date/Time: 4/20/2012 / 09:44

Vaughn Energy Services

Midland, Texas

432-563-5444

Surveyor: Eric McMahon

Diamond PWU 22 No. 003H / API# 30-015-39372

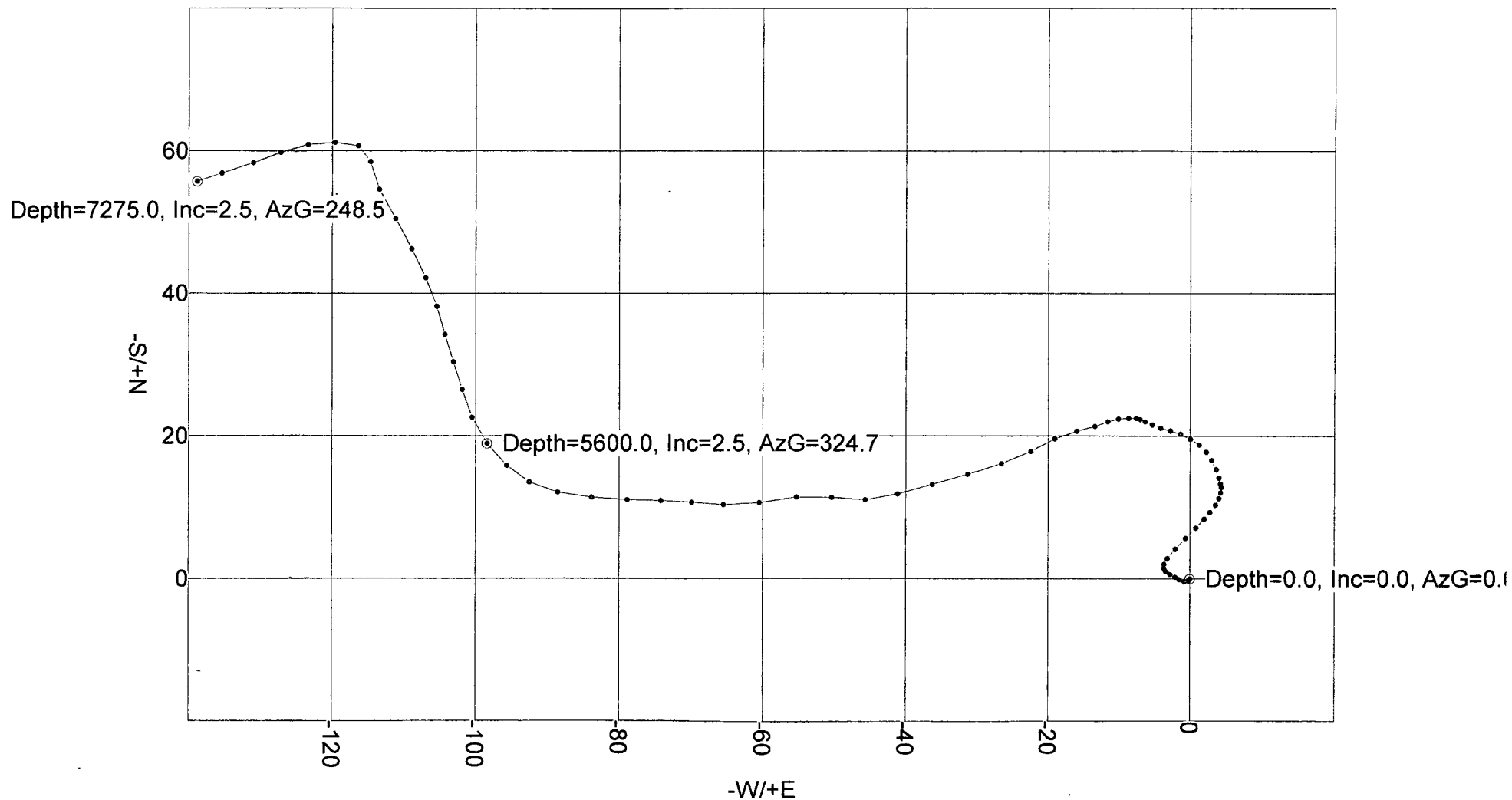
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.34	218.21	100.00	-0.23	-0.18	-0.18	0.29	218.21	0.34
200.00	0.47	280.86	200.00	-0.38	-0.77	-0.77	0.86	243.45	0.44
300.00	0.41	304.39	299.99	-0.10	-1.47	-1.47	1.47	265.94	0.19
400.00	0.37	298.12	399.99	0.25	-2.04	-2.04	2.06	276.92	0.06
500.00	0.53	297.23	499.99	0.61	-2.74	-2.73	2.80	282.57	0.16
600.00	0.32	314.79	599.99	1.02	-3.34	-3.33	3.49	286.90	0.25
700.00	0.35	347.64	699.98	1.51	-3.60	-3.58	3.91	292.71	0.19
800.00	0.28	18.28	799.98	2.04	-3.59	-3.56	4.13	299.62	0.18
900.00	0.79	33.61	899.98	2.85	-3.13	-3.09	4.23	312.26	0.52
1000.00	1.20	42.79	999.96	4.18	-2.05	-1.98	4.66	333.94	0.44
1100.00	1.19	44.99	1099.94	5.68	-0.60	-0.52	5.72	353.95	0.05
1200.00	1.13	43.18	1199.92	7.14	0.81	0.92	7.19	6.47	0.07
1300.00	0.80	41.74	1299.91	8.38	1.95	2.08	8.61	13.11	0.33
1400.00	0.62	40.05	1399.90	9.32	2.77	2.91	9.72	16.53	0.18
1500.00	0.84	33.38	1499.89	10.35	3.52	3.67	10.93	18.78	0.23
1600.00	0.35	17.07	1599.89	11.25	4.01	4.18	11.94	19.62	0.51
1700.00	0.64	14.01	1699.88	12.09	4.24	4.42	12.81	19.31	0.29
1800.00	0.22	347.96	1799.88	12.81	4.33	4.52	13.53	18.68	0.46

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	0.37	344.86	1899.88	13.31	4.21	4.41	13.96	17.54	0.15
2000.00	0.60	348.05	1999.87	14.14	4.01	4.23	14.69	15.85	0.23
2100.00	0.84	338.74	2099.87	15.33	3.64	3.87	15.76	13.36	0.27
2200.00	0.81	327.34	2199.86	16.61	2.99	3.24	16.87	10.22	0.17
2300.00	0.80	327.56	2299.85	17.79	2.24	2.50	17.93	7.16	0.01
2400.00	0.83	303.54	2399.84	18.79	1.25	1.53	18.83	3.82	0.34
2500.00	0.84	302.34	2499.82	19.58	0.03	0.32	19.58	0.08	0.02
2600.00	0.91	292.89	2599.81	20.29	-1.33	-1.02	20.33	356.25	0.16
2700.00	0.79	282.43	2699.80	20.74	-2.74	-2.43	20.92	352.48	0.20
2800.00	0.84	287.78	2799.79	21.12	-4.11	-3.79	21.51	348.99	0.09
2900.00	0.65	293.76	2899.78	21.57	-5.32	-5.00	22.22	346.14	0.21
3000.00	0.60	294.11	2999.78	22.01	-6.32	-5.99	22.90	343.98	0.04
3100.00	0.29	297.77	3099.77	22.34	-7.03	-6.69	23.42	342.54	0.31
3200.00	0.38	273.60	3199.77	22.48	-7.58	-7.24	23.73	341.37	0.17
3300.00	0.84	269.67	3299.77	22.50	-8.64	-8.30	24.10	338.99	0.46
3400.00	0.85	262.94	3399.76	22.40	-10.11	-9.77	24.58	335.72	0.10
3500.00	0.93	248.33	3499.74	22.01	-11.60	-11.27	24.88	332.22	0.24
3600.00	1.29	252.75	3599.73	21.38	-13.43	-13.11	25.25	327.85	0.37
3700.00	1.74	256.19	3699.69	20.68	-15.99	-15.68	26.14	322.29	0.46
3800.00	2.00	246.33	3799.64	19.61	-19.07	-18.77	27.35	315.81	0.41
3900.00	2.37	239.05	3899.56	17.85	-22.44	-22.17	28.67	308.51	0.46
4000.00	2.83	254.27	3999.46	16.12	-26.59	-26.34	31.09	301.23	0.83
4100.00	2.90	251.30	4099.34	14.64	-31.36	-31.13	34.61	295.03	0.16
4200.00	3.02	256.82	4199.20	13.23	-36.31	-36.11	38.65	290.02	0.31
4300.00	2.72	252.06	4299.08	11.90	-41.13	-40.95	42.82	286.13	0.38
4400.00	2.63	267.60	4398.97	11.07	-45.68	-45.51	47.01	283.62	0.73
4500.00	2.80	279.94	4498.86	11.40	-50.39	-50.21	51.66	282.75	0.61
4600.00	2.90	261.29	4598.74	11.44	-55.30	-55.12	56.47	281.68	0.93
4700.00	3.12	261.46	4698.60	10.65	-60.49	-60.32	61.42	279.99	0.22
4800.00	2.62	273.25	4798.48	10.38	-65.46	-65.29	66.27	279.01	0.77
4900.00	2.45	275.54	4898.38	10.71	-69.87	-69.70	70.68	278.72	0.19
5000.00	2.50	270.57	4998.28	10.94	-74.17	-74.00	74.98	278.39	0.22
5100.00	2.88	272.39	5098.17	11.07	-78.87	-78.69	79.64	277.99	0.40
5200.00	2.87	276.54	5198.05	11.46	-83.86	-83.68	84.64	277.78	0.21
5300.00	2.63	280.45	5297.93	12.16	-88.60	-88.41	89.43	277.81	0.30
5400.00	2.25	300.64	5397.84	13.57	-92.54	-92.33	93.53	278.34	0.93
5500.00	2.25	312.00	5497.77	15.89	-95.69	-95.44	97.00	279.43	0.45
5600.00	2.46	324.68	5597.68	18.95	-98.39	-98.10	100.20	280.90	0.56
5700.00	2.37	335.74	5697.60	22.59	-100.48	-100.13	102.99	282.67	0.47

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	2.42	345.58	5797.51	26.51	-101.86	-101.45	105.25	284.59	0.41
5900.00	2.25	339.22	5897.43	30.39	-103.08	-102.61	107.47	286.43	0.31
6000.00	2.35	345.91	5997.35	34.22	-104.28	-103.75	109.75	288.17	0.29
6100.00	2.37	341.81	6097.26	38.18	-105.42	-104.84	112.12	289.91	0.17
6200.00	2.55	336.55	6197.17	42.18	-106.95	-106.31	114.97	291.52	0.29
6300.00	2.63	332.13	6297.07	46.25	-108.91	-108.20	118.32	293.01	0.22
6400.00	2.86	331.90	6396.95	50.48	-111.16	-110.39	122.09	294.43	0.23
6500.00	2.54	330.26	6496.84	54.61	-113.43	-112.60	125.89	295.71	0.34
6600.00	2.25	355.84	6596.76	58.49	-114.67	-113.78	128.73	297.02	1.09
6700.00	1.82	279.63	6696.71	60.71	-116.38	-115.46	131.26	297.55	2.54
6800.00	1.96	276.56	6796.65	61.17	-119.64	-118.71	134.37	297.08	0.17
6900.00	2.39	256.90	6896.58	60.89	-123.37	-122.45	137.58	296.27	0.86
7000.00	2.26	250.28	6996.50	59.76	-127.27	-126.35	140.60	295.15	0.30
7100.00	2.39	249.21	7096.42	58.35	-131.07	-130.18	143.47	294.00	0.13
7200.00	2.93	253.75	7196.31	56.90	-135.47	-134.60	146.93	292.78	0.58
7275.00	2.54	248.53	7271.22	55.75	-138.85	-138.00	149.63	291.88	0.62



Vaughn Energy Services
Midland, Texas
432-563-5444
Surveyor: Eric McMahon
Diamond PWU 22 No. 003H / API# 30-015-39372



VES Survey Date: 04/13/2012



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
20 North Broadway
Oklahoma City, OK, 73102

Date: April 23, 2012

Attention: Mark Cooper

Re: Devon Energy
Well: Diamond PWU 22 #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	3H	7309' MD 12859' MD	4/10/2012 4/20/2012	Measurement While Drilling

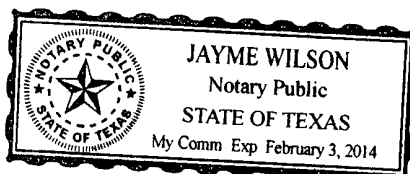
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
Area Manager

On this, the 6th day of September, 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.

Notary Public



SECTION DETAILS

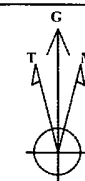
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7275.00	2.54	248.53	7271.22	55.75	-138.85	0.00	0.00	-138.27	
2	7325.00	2.54	248.53	7321.18	54.94	-140.92	0.00	0.00	-140.34	
3	8242.62	89.02	90.74	7920.00	37.82	424.01	9.96	-157.79	424.38	
4	12939.87	89.02	90.74	8000.00	-22.44	5120.19	0.00	0.00	5119.69	Pbhl

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
PWU 22 #3H	0.00	0.00	598456.15	621835.13	32°38'41.742N	104°04'18.519W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Pbhl	8000.00	-22.44	5120.19	598433.71	626955.32	32°38'41.391N	104°03'18.635W	Point



Azimuths to Grid North
True North: -0.14°
Magnetic North: 7.62°

Magnetic Field
Strength: 48765nT
Dip Angle: 60.47°
Date: 3/15/2012
Model: IGRF2010

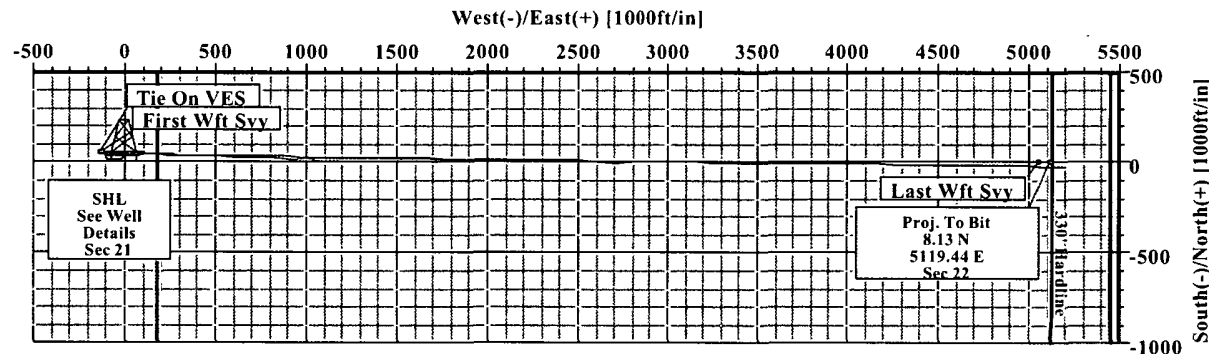
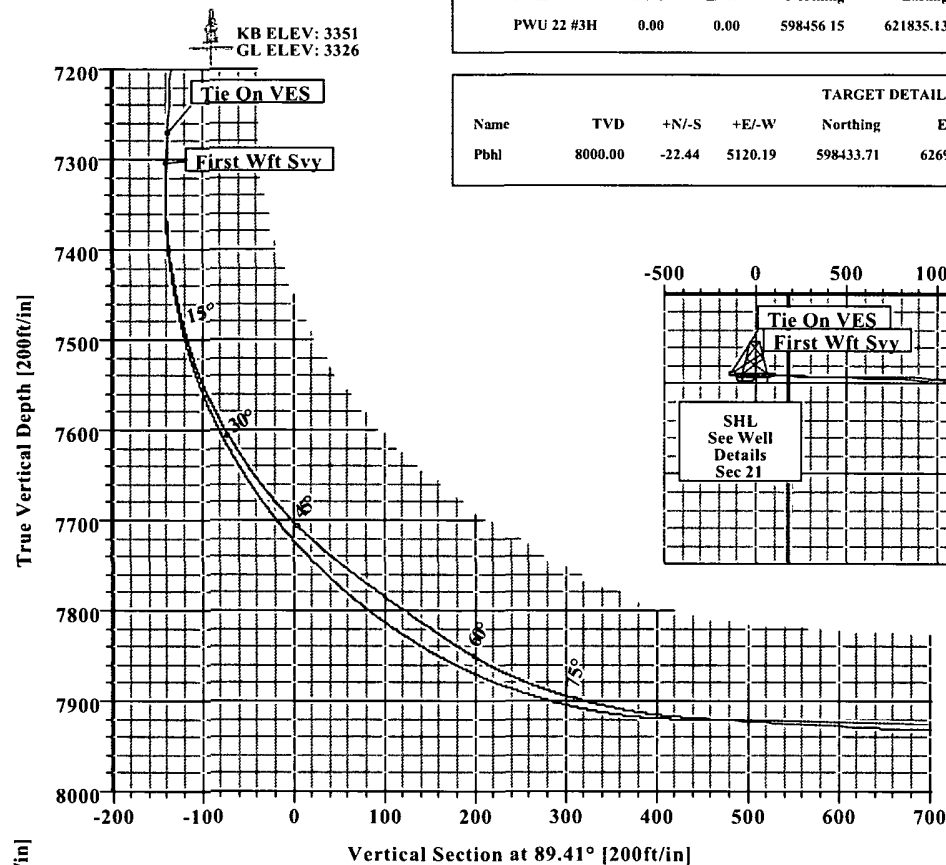
Total Correction to Grid North: 7.62°

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

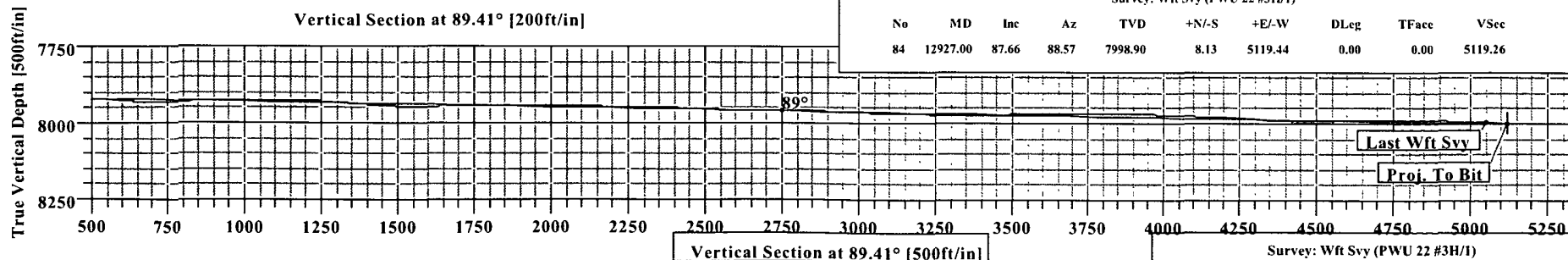
Diamond PWU 22 #3H

Site Centre Northing: 598456.15
Easting: 621835.13

Ground Level: 3333.00
Positional Uncertainty: 0.00
Convergence: 0.14

Survey: Wft Svy (PWU 22 #3H/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
84	12927.00	87.66	88.57	7998.90	8.13	5119.44	0.00	0.00	5119.26



Created By: Russell W. Joyner

Date: 4/20/2012



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy	Date: 4/20/2012	Time: 04:54 28	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well, PWU-22 #3H, Grid North		
Site: Diamond PWU 22 #3H	Vertical (TVD) Reference: SITE 3358.0		
Well: PWU 22 #3H	Section (VS) Reference: Well (0.00N,0.00E,89.41Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: Wft Svy	Start Date: 4/16/2012
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: Diamond PWU 22 #3H		
Site Position:	Northing: 598456.15 ft	Latitude: 32 38 41.742 N
From: Map	Easting: 621835.13 ft	Longitude: 104 4 18.519 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3333.00 ft		Grid Convergence: 0.14 deg

Well: PWU 22 #3H	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 32 38 41.742 N
+E/-W 0.00 ft	Longitude: 104 4 18.519 W
Position Uncertainty: 0.00 ft	

Wellpath: 1	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 3/15/2012	Above System Datum: Mean Sea Level		
Field Strength: 48765 nT	Declination: 7.76 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.47 deg		
ft	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0.00	0.00	0.00	89.41

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	
7275.00	2.54	248.53	7271.22	55.75	-138.85	0.00	-138.27	598511.90	621696.28	Tie On VES
7309.00	2.62	237.56	7305.19	55.06	-140.21	1.47	-139.64	598511.21	621694.92	First Wft Svy
7340.00	1.84	187.08	7336.17	54.18	-140.87	6.54	-140.30	598510.33	621694.26	
7356.00	2.56	149.39	7352.16	53.62	-140.72	9.85	-140.16	598509.77	621694.41	
7371.00	3.96	130.04	7367.13	53.00	-140.15	11.75	-139.60	598509.15	621694.98	
7403.00	6.94	117.74	7398.99	51.39	-137.59	9.95	-137.06	598507.54	621697.54	
7434.00	9.54	109.18	7429.67	49.67	-133.51	9.25	-132.99	598505.82	621701.62	
7465.00	12.71	103.84	7460.08	48.01	-127.77	10.74	-127.27	598504.16	621707.36	
7497.00	16.16	104.25	7491.07	46.07	-120.03	10.79	-119.55	598502.22	621715.10	
7528.00	19.60	103.27	7520.56	43.82	-110.79	11.14	-110.33	598499.97	621724.34	
7559.00	23.12	100.93	7549.43	41.47	-99.75	11.68	-99.32	598497.62	621735.38	
7590.00	26.98	99.13	7577.51	39.20	-86.83	12.69	-86.42	598495.35	621748.30	
7622.00	29.98	95.93	7605.64	37.22	-71.70	10.52	-71.31	598493.37	621763.43	
7653.00	33.12	92.71	7632.05	36.02	-55.53	11.49	-55.16	598492.17	621779.60	
7684.00	36.86	89.23	7657.45	35.74	-37.77	13.67	-37.40	598491.89	621797.36	
7715.00	40.67	87.17	7681.61	36.37	-18.37	12.97	-18.00	598492.52	621816.76	
7747.00	44.76	86.40	7705.12	37.59	3.29	12.88	3.68	598493.74	621838.42	
7778.00	48.25	86.71	7726.45	38.94	25.74	11.28	26.14	598495.09	621860.87	
7809.00	51.01	86.88	7746.53	40.26	49.32	8.91	49.73	598496.41	621884.45	
7841.00	53.12	86.98	7766.20	41.61	74.52	6.60	74.94	598497.76	621909.65	
7872.00	54.54	86.58	7784.50	43.02	99.50	4.70	99.94	598499.17	621934.63	
7903.00	54.86	88.08	7802.41	44.19	124.77	4.08	125.22	598500.34	621959.90	
7935.00	55.44	90.10	7820.70	44.61	151.03	5.49	151.48	598500.76	621986.16	
7966.00	57.57	91.54	7837.81	44.24	176.88	7.89	177.32	598500.39	622012.01	



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy	Date: 4/20/2012	Time: 04:54:28	Page: 2
Field: Eddy Co., NM (NAD:83)	Co-ordinate(NE) Reference: Well: PWU 22 #3H, Grid North		
Site: Diamond PWU 22 #3H	Vertical (TVD) Reference: SITE 3358.0		
Well: PWU 22 #3H	Section (VS) Reference: Well (0.00N,0.00E,89.41Azi)		
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
7997.00	60.57	91.87	7853.74	43.44	203.45	9.72	203.89	598499.59	622038.58	
8028.00	64.05	91.35	7868.14	42.67	230.89	11.32	231.32	598498.82	622066.02	
8060.00	68.62	90.96	7880.98	42.09	260.18	14.32	260.60	598498.24	622095.31	
8091.00	72.78	90.82	7891.23	41.63	289.43	13.43	289.84	598497.78	622124.56	
8122.00	75.76	90.76	7899.63	41.22	319.26	9.61	319.67	598497.37	622154.39	
8154.00	78.35	91.31	7906.80	40.66	350.44	8.27	350.84	598496.81	622185.57	
8185.00	80.83	92.30	7912.40	39.69	380.91	8.59	381.30	598495.84	622216.04	
8214.00	84.50	92.35	7916.10	38.53	409.65	12.66	410.02	598494.68	622244.78	
8248.00	86.18	91.87	7918.86	37.28	443.51	5.14	443.87	598493.43	622278.64	
8341.00	86.96	92.64	7924.43	33.63	536.27	1.18	536.59	598489.78	622371.40	
8404.00	86.96	93.30	7927.77	30.37	599.10	1.05	599.38	598486.52	622434.23	
8435.00	86.82	93.21	7929.45	28.61	630.00	0.54	630.26	598484.76	622465.13	
8529.00	90.94	91.70	7931.29	24.59	723.88	4.67	724.09	598480.74	622559.01	
8623.00	90.80	91.95	7929.86	21.59	817.82	0.30	818.00	598477.74	622652.95	
8717.00	90.45	92.41	7928.84	18.02	911.74	0.61	911.88	598474.17	622746.87	
8811.00	90.59	91.00	7927.98	15.22	1005.70	1.51	1005.80	598471.37	622840.83	
8905.00	89.83	89.88	7927.64	14.50	1099.69	1.44	1099.78	598470.65	622934.82	
8999.00	89.34	89.27	7928.32	15.20	1193.68	0.83	1193.78	598471.35	623028.81	
9093.00	86.39	89.46	7931.82	16.24	1287.60	3.14	1287.70	598472.39	623122.73	
9187.00	85.20	90.25	7938.71	16.48	1381.35	1.52	1381.44	598472.63	623216.48	
9281.00	87.52	91.47	7944.68	15.07	1475.14	2.79	1475.22	598471.22	623310.27	
9375.00	90.52	91.12	7946.29	12.94	1569.09	3.21	1569.14	598469.09	623404.22	
9468.00	91.29	91.91	7944.82	10.48	1662.04	1.19	1662.06	598466.63	623497.17	
9562.00	90.59	90.00	7943.28	8.92	1756.01	2.16	1756.01	598465.07	623591.14	
9656.00	90.31	90.34	7942.54	8.64	1850.01	0.47	1850.00	598464.79	623685.14	
9750.00	89.83	90.86	7942.42	7.65	1944.00	0.75	1943.98	598463.80	623779.13	
9845.00	89.27	91.18	7943.17	5.96	2038.99	0.68	2038.94	598462.11	623874.12	
9939.00	88.85	91.44	7944.71	3.82	2132.95	0.53	2132.87	598459.97	623968.08	
10034.00	89.19	90.15	7946.34	2.50	2227.92	1.40	2227.83	598458.65	624063.05	
10127.00	88.85	90.29	7947.93	2.14	2320.91	0.40	2320.81	598458.29	624156.04	
10222.00	88.01	90.29	7950.53	1.66	2415.87	0.88	2415.76	598457.81	624251.00	
10316.00	87.31	90.69	7954.37	0.86	2509.79	0.86	2509.66	598457.01	624344.92	
10410.00	89.83	90.20	7956.71	0.13	2603.75	2.73	2603.61	598456.28	624438.88	
10504.00	89.55	90.04	7957.22	-0.07	2697.75	0.34	2697.60	598456.08	624532.88	
10598.00	88.85	89.77	7958.53	0.09	2791.74	0.80	2791.59	598456.24	624626.87	
10693.00	88.35	89.82	7960.86	0.43	2886.71	0.53	2886.56	598456.58	624721.84	
10787.00	87.73	89.76	7964.07	0.77	2980.65	0.66	2980.50	598456.92	624815.78	
10881.00	87.17	89.94	7968.25	1.02	3074.56	0.63	3074.41	598457.17	624909.69	
10975.00	89.55	90.86	7970.94	0.36	3168.51	2.71	3168.34	598456.51	625003.64	
11069.00	89.69	91.45	7971.57	-1.54	3262.49	0.65	3262.30	598454.61	625097.62	
11163.00	89.06	91.57	7972.59	-4.01	3356.45	0.68	3356.23	598452.14	625191.58	
11257.00	91.22	89.40	7972.36	-4.81	3450.43	3.26	3450.20	598451.34	625285.56	
11351.00	91.57	88.76	7970.07	-3.30	3544.39	0.78	3544.17	598452.85	625379.52	
11445.00	90.74	89.09	7968.18	-1.54	3638.36	0.95	3638.15	598454.61	625473.49	
11539.00	90.03	88.99	7967.55	0.04	3732.34	0.76	3732.14	598456.19	625567.47	
11633.00	89.20	88.69	7968.18	1.94	3826.32	0.94	3826.14	598458.09	625661.45	
11727.00	88.57	89.10	7970.01	3.75	3920.28	0.80	3920.11	598459.90	625755.41	
11821.00	87.87	89.04	7972.93	5.28	4014.22	0.75	4014.07	598461.43	625849.35	
11916.00	87.52	89.81	7976.75	6.23	4109.14	0.89	4108.99	598462.38	625944.27	
12010.00	86.95	90.32	7981.28	6.13	4203.03	0.81	4202.87	598462.28	626038.16	
12104.00	87.03	91.69	7986.22	4.48	4296.89	1.46	4296.70	598460.63	626132.02	
12198.00	87.17	91.78	7990.98	1.64	4390.72	0.18	4390.51	598457.79	626225.85	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Devon Energy Date: 4/20/2012 Time: 04:54:28 Page: 3
Field: Eddy Co., NM (NAD 83) Co-ordinate(NE) Reference: Well: PWU 22 #3H Grid North
Site: Diamond PWU 22 #3H Vertical (TVD) Reference: SITE 3358.0
Well: PWU 22 #3H Section (VS) Reference: Well (0.00N 0.00E 89.41Azi)
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
12292.00	90.31	90.01	7993.04	0.17	4484.67	3.83	4484.44	598456.32	626319.80	
12386.00	91.36	89.96	7991.67	0.19	4578.66	1.12	4578.42	598456.34	626413.79	
12480.00	90.32	89.50	7990.29	0.64	4672.65	1.21	4672.41	598456.79	626507.78	
12574.00	89.75	89.32	7990.24	1.61	4766.64	0.64	4766.41	598457.76	626601.77	
12668.00	89.27	89.22	7991.04	2.80	4860.63	0.52	4860.40	598458.95	626695.76	
12762.00	88.50	88.93	7992.87	4.32	4954.60	0.88	4954.38	598460.47	626789.73	
12859.00	87.66	88.57	7996.12	6.43	5051.52	0.94	5051.32	598462.58	626886.65	Last Wft Svy
12927.00	87.66	88.57	7998.90	8.13	5119.44	0.00	5119.26	598464.28	626954.57	Proj. To Bit

Annotation

MD ft	TVD ft	
7275.00	7271.22	Tie On VES
7309.00	7305.19	First Wft Svy
12859.00	7996.12	Last Wft Svy
12927.00	7998.90	Proj. To Bit