

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-40036
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease FED ☐ STATE ☒ FEE ☐
2. Name of Operator Devon Energy Production Company, LP		6. State Oil & Gas Lease No.
3. Address of Operator 333 W. Sheridan Avenue Oklahoma City, Oklahoma 73102 (405) 552-4524		7. Lease Name or Unit Agreement Name Diamond PWU 22
4. Well Location Unit Letter: _____ feet from the _____ line and _____ feet from the _____ line Section 21 Township 19S Range 29E NMPM Eddy County New Mexico		8. Well Number 4H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) n/a		9. OGRID Number 6137
Pit or Below-grade Tank Application ☐ or Closure ☐		10. Pool name or Wildcat 49622 Parkway; Bone Spring
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☒		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Devon Energy Production Co, LP respectfully request to make a change to the bottom hole location of the Diamond PWU 22 4H. The proposed bottom hole location will change to 506' FSL & 330' FEL of Section 22.

Attached is the proposed direction plan and updated C-102.

Thank you



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE: Melanie Crawford TITLE: Regulatory Analyst DATE: 5-29-12

Type or print name Melanie Crawford E-mail address: Melanie.Crawford@dvnm.com Telephone No. (405) 552-4524
For State Use Only

APPROVED BY: T. C. Shepard TITLE: Geologist DATE: 5/29/2012

Conditions of Approval (if any):

District I

1625 N. French Dr., Hobbs, NM 88240

District II

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 15, 2009

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-40036	² Pool Code 49622	³ Pool Name Parkway; B.S.
⁴ Property Code 38433	⁵ Property Name DIAMOND PWU 22	⁶ Well Number 4H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3339.8

¹⁰ Surface Location

UT or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	19 S	29 E		650	SOUTH	880	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UT or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	19 S	29 E		506	SOUTH	330	EAST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
--------------------------------------	-------------------------------	----------------------------------	------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 21 LAT. = 32.6535924°N LONG. = 104.0883657°W NMSP EAST (FT) N = 601594.86 E = 616731.03			SECTION CORNER LAT. = 32.6535396°N LONG. = 104.0711864°W NMSP EAST (FT) N = 601588.25 E = 622018.36			NE CORNER SEC. 22 LAT. = 32.6534311°N LONG. = 104.0540526°W NMSP EAST (FT) N = 601562.23 E = 627291.75		
SEC. 21 DIAMOND PWU 22-4H ELEV. = 3339.8' LAT. = 32.6408228°N (NAD83) LONG. = 104.0741071°W NMSP EAST (FT) N = 596959.60 E = 621130.74			SEC. 22 BOTTOM OF HOLE LAT. = 32.6403304°N LONG. = 104.0551973°W NMSP EAST (FT) N = 596795.18 E = 626951.90			DATE OF SURVEY MAY 25, 2012		
SW CORNER SEC. 21 LAT. = 32.6390698°N LONG. = 104.0883925°W NMSP EAST (FT) N = 596311.40 E = 616734.96			SECTION CORNER LAT. = 32.6390370°N LONG. = 104.0712463°W NMSP EAST (FT) N = 596312.05 E = 622012.94			SE CORNER SEC. 22 LAT. = 32.6389396°N LONG. = 104.0541330°W NMSP EAST (FT) N = 596290.05 E = 627280.86		

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete in the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at such location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Melanie Crawford Date: 5/29/12

Printed Name: Melanie Crawford

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DATE OF SURVEY
MAY 25, 2012

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: ELIMON F. JARAMILLO, BLS 12797

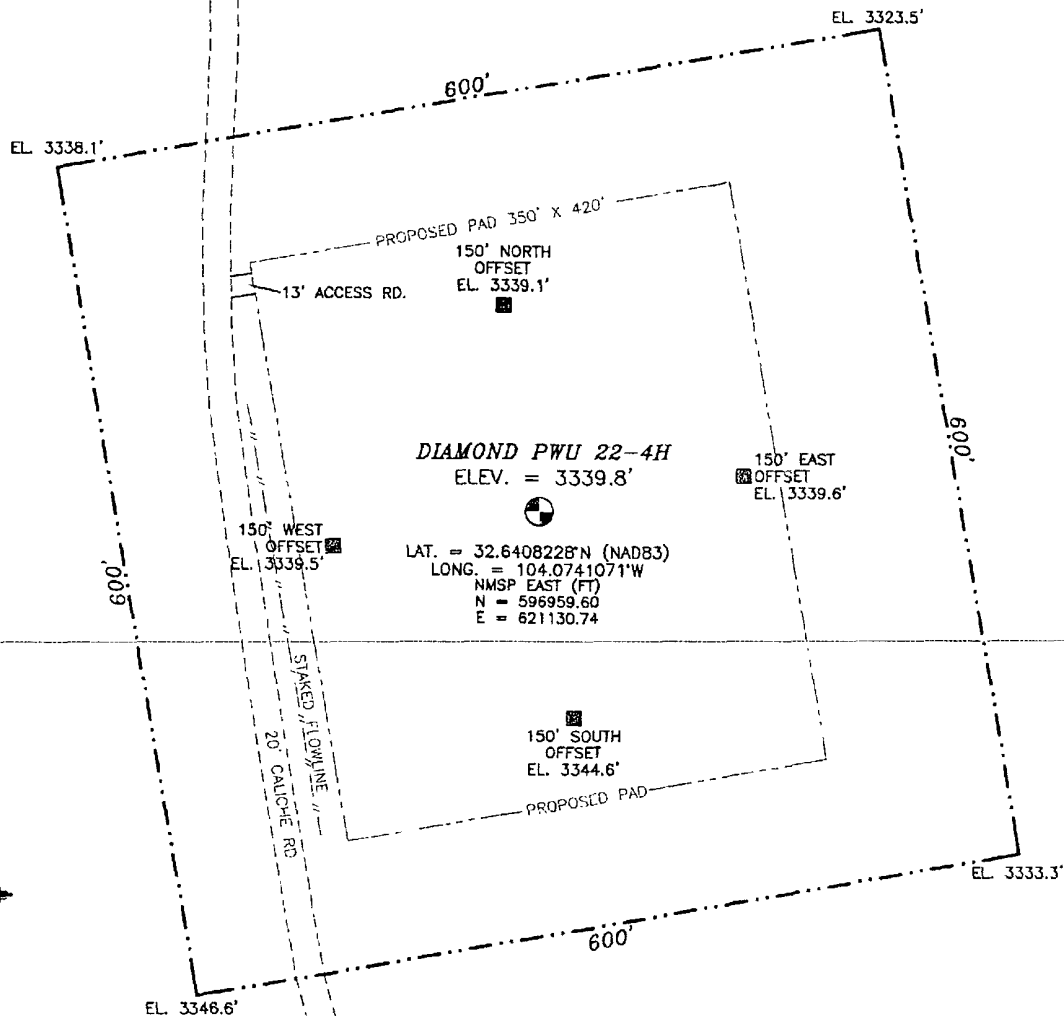
NEW MEXICO SURVEY NO. 807A

RECEIVED

MAY 29 2012

NMOCD ARTESIA

SECTION 21, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



DIAMOND PWU 22-4H
ELEV. = 3339.8'

LAT. = 32.6408228°N (NAD83)
LONG. = 104.0741071°W
NMSP EAST (FT)
N = 596959.60
E = 621130.74

012 60 120 240

SCALE 1" = 120'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 206 (ILLINOIS CAMP) AND CR 235
(CURRY COMB) GO SE. ON CR 235 FOR 3.1 MILES TO CR 246
(MILLMAN RD.) GO EAST ON CR 235 5.93 MILES THEN TURN RIGHT
(SOUTH) ON TO CALICHE LEASE RD. FOR 0.9 MILES SITE IS ABOUT
200 FT ON LEFT (EAST)

DEVON ENERGY PRODUCTION COMPANY, L.P.
DIAMOND PWU 22-4H

LOCATED 650 FT. FROM THE SOUTH LINE
AND 880 FT. FROM THE EAST LINE OF
SECTION 21, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 25, 2012

SURVEY NO. 807A

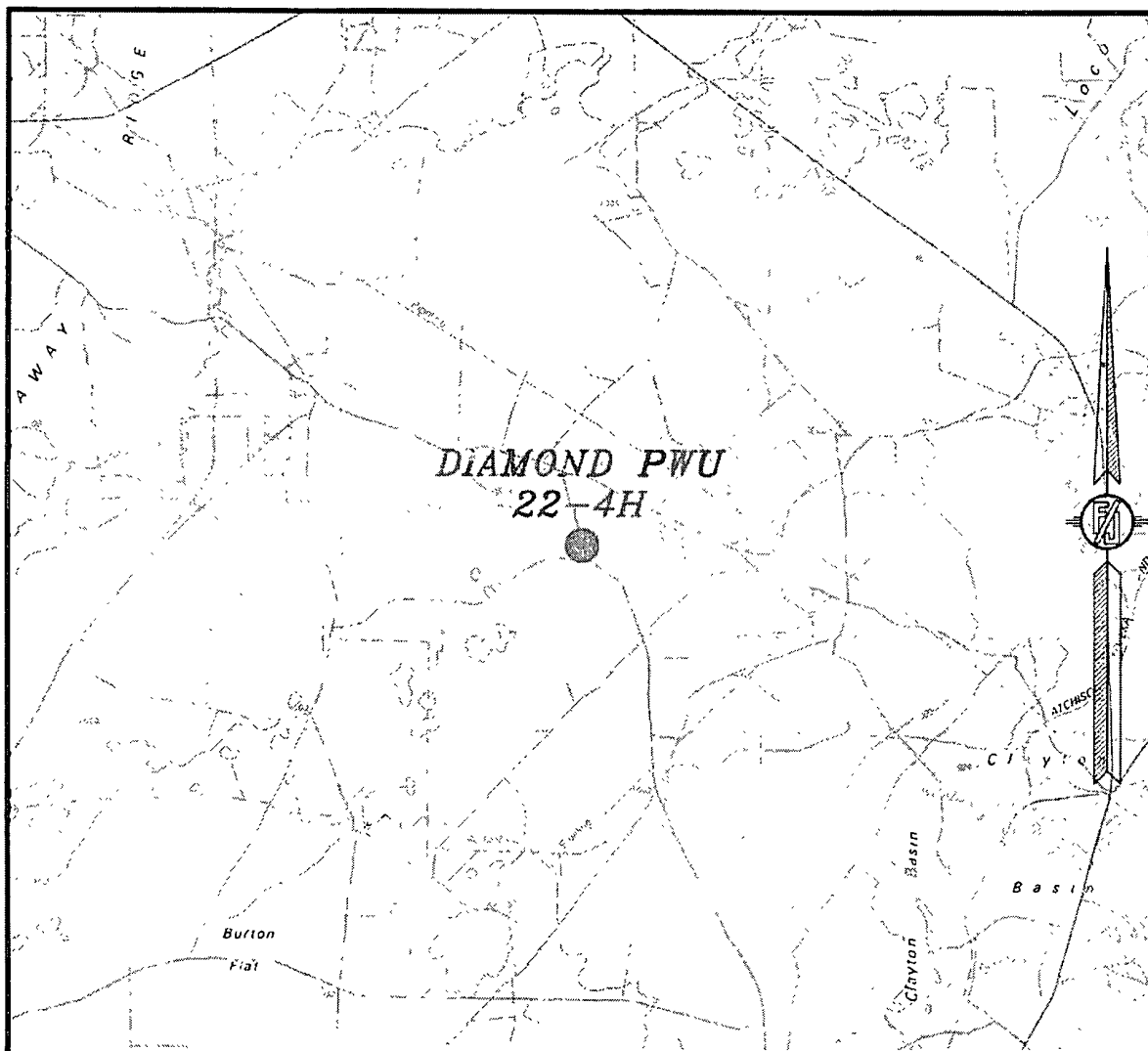
MADRON SURVEYING, INC. 501 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

NOT TO SCALE

MAY 25, 2012

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 **CARLSBAD, NEW MEXICO**

SECTION 21, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIAMOND PWU 22-4H

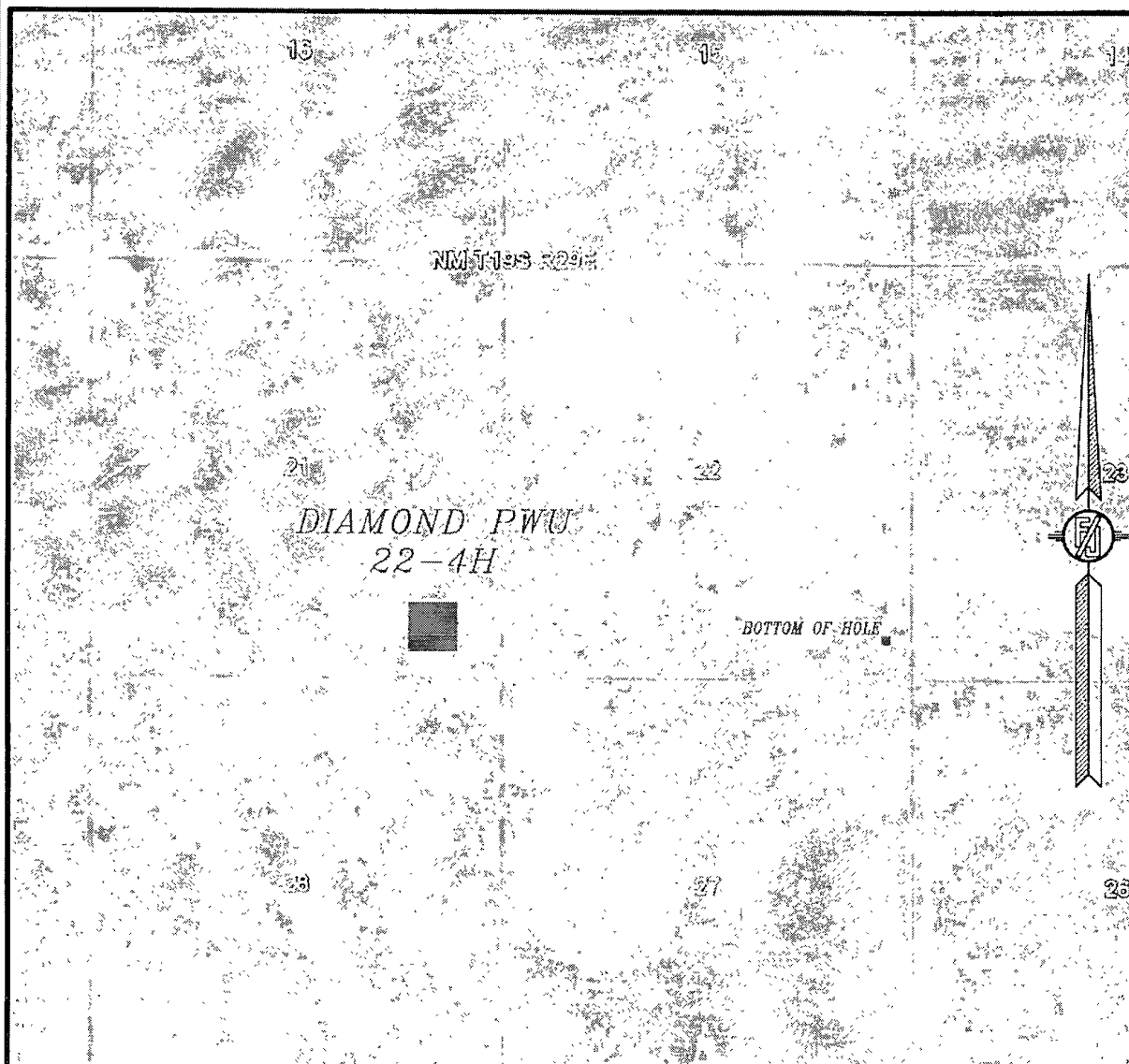
LOCATED 650 FT. FROM THE SOUTH LINE
AND 880 FT. FROM THE EAST LINE OF
SECTION 21, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 25, 2012

SURVEY NO. 807A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 21, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
MAY 2011

DEVON ENERGY PRODUCTION COMPANY, L.P.
DIAMOND PWU 22-4H

LOCATED 650 FT. FROM THE SOUTH LINE
AND 880 FT. FROM THE EAST LINE OF
SECTION 21, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 25, 2012

SURVEY NO. 807A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



Weatherford

Drilling Services

Proposal



devon

DIAMOND PWU 22 #4H

EDDY COUNTY, NM

WELL FILE: **PLAN 5**

MAY 23, 2012

Weatherford International, Ltd.

P.O. Box 61028
Midland, TX 79711 USA
+1.432.561.8892 Main
+1.432.561.8895 Fax
www.weatherford.com

devon

Diamond PWU 22 #4H
Eddy Co., NM

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8216.20	89.41	108.29	7935.01	-47.65	506.91	0.00	0.00	507.08	
2	8829.45	89.43	90.20	7941.26	-145.75	1109.66	2.95	-90.02	1110.16	
3	10719.90	89.43	90.20	7960.00	-152.29	3000.00	0.00	0.00	3000.51	3000'VS
4	10755.32	88.37	90.20	7960.68	-152.41	3035.42	3.00	-180.00	3035.93	
5	13542.59	88.37	90.20	8040.00	-162.05	5821.54	0.00	0.00	5822.07	BHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
PWU 22 #4H	0.00	0.00	596959.60	621130.74	32°38'26.950N	104°04'26.800W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
3000'VS	7960.00	-152.29	3000.00	596807.31	624130.74	32°38'25.370N	104°03'51.719W	Point
BHL	8040.00	-20.58	5821.54	596939.02	626952.28	32°38'26.601N	104°03'18.716W	Point



Azimuths to Grid North
True North: -0.14°
Magnetic North: 7.59°

Magnetic Field
Strength: 4873nT
Dip Angle: 60.46°
Date: 6/10/2012
Model: IGRF2010

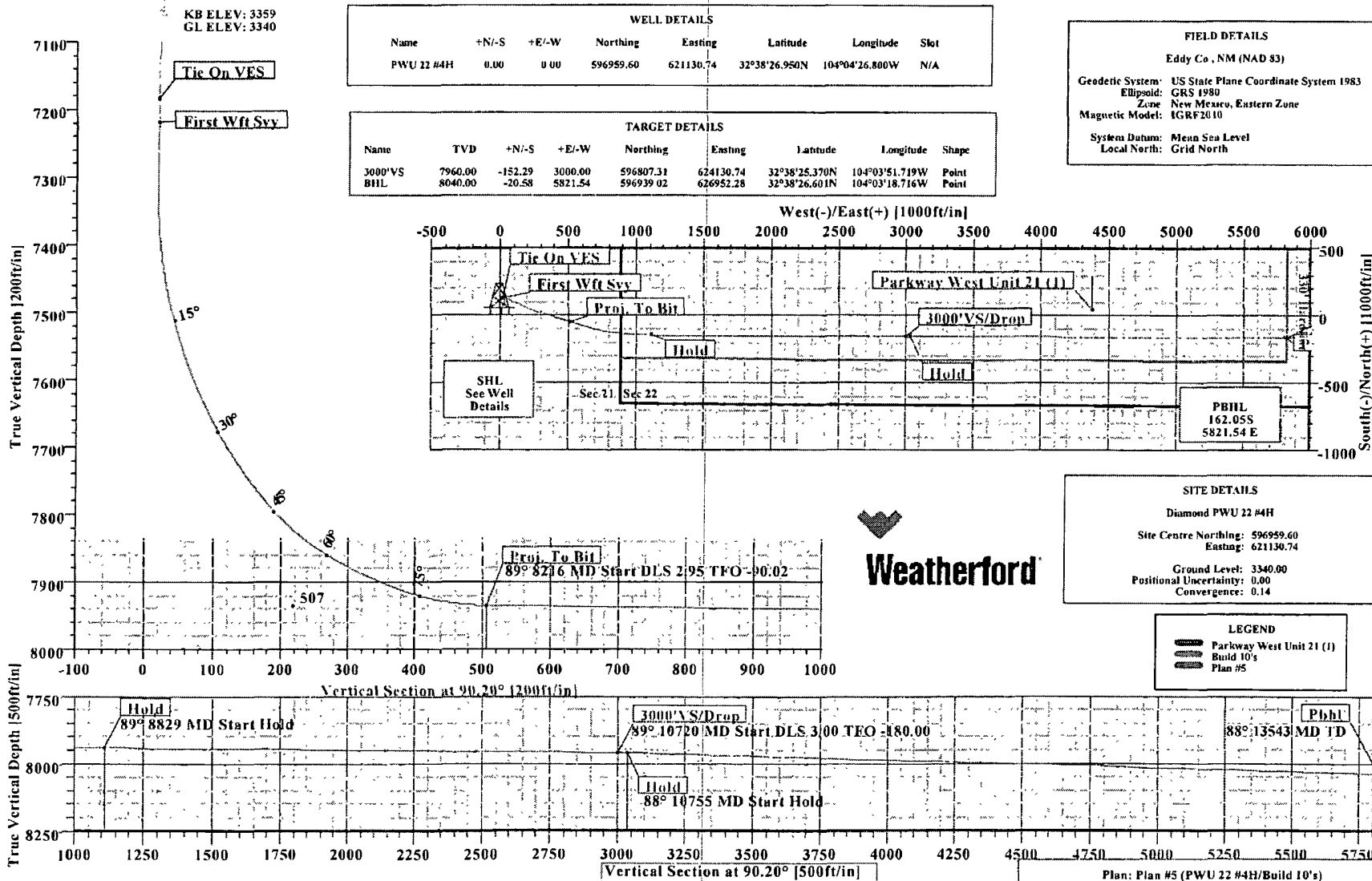
Total Correction to Grid North: 7.59°

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 #4H

Site Centre Northing: 596959.60
Easting: 621130.74

Ground Level: 3340.00
Positional Uncertainty: 0.00
Convergence: 0.14

LEGEND

- Parkway West Unit 21 (1)
- Build 10's
- Plan #5

Plan: Plan #5 (PWU 22 #4H/Build 10's)

Created By: Russell W. Joyner

Date: 5/24/2012



Weatherford

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #4H
Well: PWU 22 #4H
Wellpath: Build 10's

Date: 5/24/2012 Time: 13.38.51 Page: 1
Co-ordinate(N/E) Reference: Well: PWU 22 #4H, Grid North
Vertical (TVD) Reference: SITE 3359 0
Section (VS) Reference: Well (0.00N,0.00E,90.20Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Plan: Plan #5 Date Composed: 5/24/2012
Principal: Yes Version: 1
Tied-to: From: Wft Svy

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: Diamond PWU 22 #4H

Site Position: Northing: 596959.60 ft Latitude: 32 38 26 950 N
From: Map Easting: 621130.74 ft Longitude: 104 4 26 800 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3340.00 ft Grid Convergence: 0.14 deg

Well: PWU 22 #4H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 596959.60 ft Latitude: 32 38 26.950 N
+E/-W 0.00 ft Easting: 621130.74 ft Longitude: 104 4 26 800 W
Position Uncertainty: 0.00 ft

Wellpath: Build 10's Drilled From: Surface
Current Datum: SITE Height: 3359.00 ft Tie-on Depth: 0.00 ft
Magnetic Data: 6/10/2012 Above System Datum: Mean Sea Level
Field Strength: 48738 nT Declination: 7.73 deg
Vertical Section: Depth From (TVD) +N/-S +E/-W Mag Dip Angle: 60.46 deg
ft ft ft deg
0.00 0.00 0.00 90.20

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
8216.20	89.41	108.29	7935.01	-47.65	506.91	0.00	0.00	0.00	0.00	
8829.45	89.43	90.20	7941.26	-145.75	1109.66	2.95	0.00	-2.95	-90.02	
10719.90	89.43	90.20	7960.00	-152.29	3000.00	0.00	0.00	0.00	0.00	3000'VS
10755.32	88.37	90.20	7960.68	-152.41	3035.42	3.00	-3.00	0.00	-180.00	
13542.59	88.37	90.20	8040.00	-162.05	5821.54	0.00	0.00	0.00	0.00	BHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
8800.00	89.43	91.07	7940.96	-145.42	1080.21	1080.71	2.95	596814.18	622210.95	
8829.45	89.43	90.20	7941.26	-145.75	1109.66	1110.16	2.95	596813.85	622240.40	Hold
8900.00	89.43	90.20	7941.96	-145.99	1180.20	1180.71	0.00	596813.61	622310.94	
9000.00	89.43	90.20	7942.95	-146.34	1280.20	1280.70	0.00	596813.26	622410.94	
9100.00	89.43	90.20	7943.94	-146.69	1380.19	1380.70	0.00	596812.91	622510.93	
9200.00	89.43	90.20	7944.93	-147.03	1480.19	1480.69	0.00	596812.57	622610.93	
9300.00	89.43	90.20	7945.92	-147.38	1580.18	1580.69	0.00	596812.22	622710.92	
9400.00	89.43	90.20	7946.91	-147.72	1680.18	1680.68	0.00	596811.88	622810.92	
9500.00	89.43	90.20	7947.91	-148.07	1780.17	1780.68	0.00	596811.53	622910.91	
9600.00	89.43	90.20	7948.90	-148.42	1880.16	1880.67	0.00	596811.18	623010.90	
9700.00	89.43	90.20	7949.89	-148.76	1980.16	1980.67	0.00	596810.84	623110.90	
9800.00	89.43	90.20	7950.88	-149.11	2080.15	2080.66	0.00	596810.49	623210.89	
9900.00	89.43	90.20	7951.87	-149.45	2180.15	2180.66	0.00	596810.15	623310.89	
10000.00	89.43	90.20	7952.86	-149.80	2280.14	2280.65	0.00	596809.80	623410.88	
10100.00	89.43	90.20	7953.85	-150.15	2380.14	2380.65	0.00	596809.45	623510.88	
10200.00	89.43	90.20	7954.85	-150.49	2480.13	2480.64	0.00	596809.11	623610.87	



Weatherford

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #4H
Well: PWU 22 #4H
Wellpath: Build 10's

Date: 5/24/2012 Time: 13:38:51 Page: 2
Co-ordinate(NE) Reference: Well: PWU 22 #4H, Grid North
Vertical (TVD) Reference: SITE 3359.0
Section (VS) Reference: Well (0.00N,0.00E,90 20Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
10300.00	89.43	90.20	7955.84	-150.84	2580.13	2580.64	0.00	596808.76	623710.87	
10400.00	89.43	90.20	7956.83	-151.18	2680.12	2680.63	0.00	596808.42	623810.86	
10500.00	89.43	90.20	7957.82	-151.53	2780.11	2780.63	0.00	596808.07	623910.85	
10600.00	89.43	90.20	7958.81	-151.88	2880.11	2880.62	0.00	596807.72	624010.85	
10700.00	89.43	90.20	7959.80	-152.22	2980.10	2980.62	0.00	596807.38	624110.84	
10719.90	89.43	90.20	7960.00	-152.29	3000.00	3000.51	0.00	596807.31	624130.74	3000'VS
10755.32	88.37	90.20	7960.68	-152.41	3035.42	3035.93	3.00	596807.19	624166.16	Hold
10800.00	88.37	90.20	7961.95	-152.57	3080.08	3080.59	0.00	596807.03	624210.82	
10900.00	88.37	90.20	7964.80	-152.91	3180.04	3180.55	0.00	596806.69	624310.78	
11000.00	88.37	90.20	7967.64	-153.26	3279.99	3280.51	0.00	596806.34	624410.73	
11100.00	88.37	90.20	7970.49	-153.60	3379.95	3380.47	0.00	596806.00	624510.69	
11200.00	88.37	90.20	7973.33	-153.95	3479.91	3480.43	0.00	596805.65	624610.65	
11300.00	88.37	90.20	7976.18	-154.30	3579.87	3580.39	0.00	596805.30	624710.61	
11400.00	88.37	90.20	7979.03	-154.64	3679.83	3680.35	0.00	596804.96	624810.57	
11500.00	88.37	90.20	7981.87	-154.99	3779.79	3780.31	0.00	596804.61	624910.53	
11600.00	88.37	90.20	7984.72	-155.33	3879.75	3880.27	0.00	596804.27	625010.49	
11700.00	88.37	90.20	7987.56	-155.68	3979.71	3980.23	0.00	596803.92	625110.45	
11800.00	88.37	90.20	7990.41	-156.02	4079.67	4080.19	0.00	596803.58	625210.41	
11900.00	88.37	90.20	7993.26	-156.37	4179.62	4180.15	0.00	596803.23	625310.36	
12000.00	88.37	90.20	7996.10	-156.72	4279.58	4280.10	0.00	596802.88	625410.32	
12100.00	88.37	90.20	7998.95	-157.06	4379.54	4380.06	0.00	596802.54	625510.28	
12200.00	88.37	90.20	8001.79	-157.41	4479.50	4480.02	0.00	596802.19	625610.24	
12300.00	88.37	90.20	8004.64	-157.75	4579.46	4579.98	0.00	596801.85	625710.20	
12400.00	88.37	90.20	8007.48	-158.10	4679.42	4679.94	0.00	596801.50	625810.16	
12500.00	88.37	90.20	8010.33	-158.45	4779.38	4779.90	0.00	596801.15	625910.12	
12600.00	88.37	90.20	8013.18	-158.79	4879.34	4879.86	0.00	596800.81	626010.08	
12700.00	88.37	90.20	8016.02	-159.14	4979.30	4979.82	0.00	596800.46	626110.04	
12800.00	88.37	90.20	8018.87	-159.48	5079.25	5079.78	0.00	596800.12	626209.99	
12900.00	88.37	90.20	8021.71	-159.83	5179.21	5179.74	0.00	596799.77	626309.95	
13000.00	88.37	90.20	8024.56	-160.17	5279.17	5279.70	0.00	596799.43	626409.91	
13100.00	88.37	90.20	8027.40	-160.52	5379.13	5379.66	0.00	596799.08	626509.87	
13200.00	88.37	90.20	8030.25	-160.87	5479.09	5479.62	0.00	596798.73	626609.83	
13300.00	88.37	90.20	8033.10	-161.21	5579.05	5579.58	0.00	596798.39	626709.79	
13400.00	88.37	90.20	8035.94	-161.56	5679.01	5679.54	0.00	596798.04	626809.75	
13500.00	88.37	90.20	8038.79	-161.90	5778.97	5779.50	0.00	596797.70	626909.71	
13542.59	88.37	90.20	8040.00	-162.05	5821.54	5822.07	0.00	596797.55	626952.28	BHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
3000'VS			7960.00	-152.29	3000.00	596807.31	624130.74	32 38 25 370 N	104 3 51 719 W
BHL			8040.00	-162.05	5821.54	596797.55	626952.28	32 38 25 201 N	104 3 18 721 W

Casing Points

MD	TVD	Diameter	Hole Size	Name



Weatherford

WFT Plan Report - X & Y's



Weatherford

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #4H
Well: PWU 22 #4H
Wellpath: Build 10's

Date: 5/24/2012 Time: 13:38:51 Page: 3
Co-ordinate(NE) Reference: Well: PWU 22 #4H, Gnd North
Vertical (TVD) Reference: SITE 3359 0
Section (VS) Reference: Well (0 00N,0.00E,90 20Az)
Survey Calculation Method: Minimum Curvature Db: Sybase

Annotation

MD ft	TVD ft	
7185.00	7182.68	Tie On VES
7222.00	7219.67	First Wft Svy
8216.00	7935.01	Proj. To Bit
8829.45	7941.26	Hold
10719.90	7960.00	3000'VS/Drop
10755.32	7960.68	Hold
13542.59	8040.00	Pbhl

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction



Weatherford Anticollision Report



Weatherford

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Diamond PWU 22 #4H
Reference Well: PWU 22 #4H
Reference Wellpath: Build 10's

Date: 5/24/2012
Time: 13.44.14
Page: 1

Co-ordinate(NE) Reference: Well: PWU 22 #4H, Grid North
Vertical (TVD) Reference: SITE 3359.0

Db: Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria
Interpolation Method: Stations
Depth Range: 0.00 to 13542.59 ft
Maximum Radius: 0000.00 ft

Reference: Plan Plan #5
Error Model: ISCWSA Ellipse
Scan Method: Closest Approach 3D
Error Surface: Ellipse

Plan: Plan #5
Principal: Yes

Date Composed: 5/24/2012
Version: 1
Tied-to: From Wft Svy

Summary

Site	Offset Wellpath Well	Wellpath	Reference MD ft	Offset MD ft	Ctr-Ctr Edge Distance ft	Separation Distance ft	Factor	Warning
Parkway West Unit 21	Parkway West Unit 21	V0	12100.00	7953.68	274.86	138.91	2.02	

Site: Parkway West Unit 21
Well: Parkway West Unit 21
Wellpath: 1 V0

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis Ref ft	Offset ft	TFO-HS deg	Offset Location North ft	East ft	Ctr-Ctr Edge Distance ft	Separation Distance ft	Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	124.49	297.05	4373.71	4384.21			No Data
100.00	100.00	39.63	39.63	0.09	0.04	124.49	297.01	4373.71	4383.99	4383.85	33540.97	
200.00	200.00	141.25	141.25	0.30	0.14	209.56	296.51	4373.71	4384.25	4383.82	10006.19	
300.00	300.00	242.46	242.46	0.51	0.34	178.81	295.52	4373.71	4384.66	4383.81	5151.93	
400.00	399.99	343.62	343.60	0.72	0.57	167.40	294.14	4373.71	4385.37	4384.07	3381.36	
500.00	499.99	444.77	444.74	0.94	0.80	125.55	292.34	4373.71	4386.10	4384.36	2515.36	
600.00	599.98	544.21	544.16	1.15	1.02	39.04	290.32	4373.71	4386.16	4383.99	2027.99	
700.00	699.98	641.93	641.87	1.35	1.21	59.02	288.95	4373.71	4385.70	4383.14	1708.87	
800.00	799.98	740.66	740.60	1.57	1.41	84.73	288.30	4373.71	4385.48	4382.50	1470.16	
900.00	899.97	842.00	841.93	1.78	1.62	47.14	287.48	4373.71	4384.97	4381.57	1290.23	
1000.00	999.96	943.75	943.68	1.98	1.84	28.48	286.14	4373.71	4383.66	4379.84	1147.56	
1100.00	1099.94	1045.99	1045.89	2.19	2.07	25.41	284.01	4373.71	4381.87	4377.61	1029.34	
1200.00	1199.92	1147.65	1147.51	2.40	2.30	22.77	281.08	4373.71	4379.73	4375.03	932.46	
1300.00	1299.90	1248.19	1247.99	2.61	2.53	28.38	277.81	4373.71	4377.62	4372.48	851.96	
1400.00	1399.88	1348.07	1347.82	2.82	2.75	27.91	274.39	4373.71	4375.59	4370.02	785.85	
1500.00	1499.86	1447.30	1447.00	3.03	2.96	35.40	271.17	4373.71	4373.75	4367.76	730.72	
1600.00	1599.85	1546.28	1545.93	3.24	3.15	30.08	268.26	4373.71	4372.56	4366.17	684.49	
1700.00	1699.85	1645.19	1644.81	3.45	3.35	77.00	265.74	4373.71	4371.92	4365.13	643.94	
1800.00	1799.85	1744.74	1744.33	3.66	3.55	108.05	263.53	4373.71	4371.76	4364.56	606.97	
1900.00	1899.84	1844.70	1844.27	3.87	3.76	97.93	261.35	4373.71	4371.73	4364.11	573.47	
2000.00	1999.84	1944.90	1944.45	4.08	3.98	67.60	259.14	4373.71	4371.50	4363.45	543.08	
2100.00	2099.84	2045.42	2044.93	4.29	4.20	61.90	256.74	4373.71	4370.93	4362.45	515.18	
2200.00	2199.83	2145.18	2144.66	4.50	4.42	254.57	254.20	4373.71	4370.53	4361.62	490.56	
2300.00	2299.83	2244.34	2243.80	4.71	4.62	164.52	251.96	4373.71	4370.75	4361.42	468.63	
2400.00	2399.83	2343.51	2342.95	4.91	4.83	134.17	250.05	4373.71	4371.01	4361.26	448.53	
2500.00	2499.83	2443.47	2442.90	5.12	5.04	104.59	248.31	4373.71	4371.09	4360.93	430.02	
2600.00	2599.82	2543.43	2542.84	5.34	5.25	116.75	246.56	4373.71	4371.40	4360.81	412.93	
2700.00	2699.82	2643.36	2642.76	5.55	5.46	90.33	244.82	4373.71	4371.58	4360.57	397.15	
2800.00	2799.81	2743.14	2742.52	5.76	5.67	123.66	243.13	4373.71	4371.88	4360.46	382.59	
2900.00	2899.80	2842.94	2842.31	5.97	5.88	144.77	241.51	4373.71	4372.32	4360.48	369.16	
3000.00	2999.80	2942.76	2942.11	6.17	6.09	325.57	239.98	4373.71	4372.31	4360.06	356.65	
3100.00	3099.80	3042.57	3041.91	6.38	6.30	87.18	238.52	4373.71	4372.16	4359.49	344.86	
3200.00	3199.80	3142.38	3141.72	6.59	6.51	106.88	237.13	4373.71	4372.13	4359.04	333.83	
3300.00	3299.80	3242.28	3241.61	6.80	6.72	106.55	235.81	4373.71	4372.25	4358.73	323.48	
3400.00	3399.79	3342.25	3341.57	7.01	6.93	95.86	234.51	4373.71	4372.36	4358.42	313.71	
3500.00	3499.79	3442.23	3441.54	7.22	7.14	75.65	233.20	4373.71	4372.25	4357.89	304.55	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Diamond PWU 22 #4H
Reference Well: PWU 22 #4H
Reference Wellpath: Build 10's

Date: 5/24/2012 Time: 13:44.14 Page: 2
Co-ordinate(NE) Reference: Well. PWU 22 #4H, Grid North
Vertical (TVD) Reference: SITE 3359.0
Db: Sybase

Site: Parkway West Unit 21
Well: Parkway West Unit 21
Wellpath: 1 VO

Inter-Site Error: 0 00 ft

Reference		Offset		Semi-Major Axis		Offset Location		Ctr-Ctr Edge		Separation		Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
3600.00	3599.79	3542.21	3541.51	7.43	7.35	70.81	231.89	4373.71	4372.02	4357.24	295.94	
3700.00	3699.78	3642.19	3641.48	7.64	7.55	64.66	230.58	4373.71	4371.63	4356.44	287.75	
3800.00	3799.78	3742.17	3741.45	7.85	7.76	94.73	229.27	4373.71	4371.36	4355.75	279.99	
3900.00	3899.77	3842.28	3841.56	8.06	7.98	97.21	227.92	4373.71	4371.41	4355.37	272.48	
4000.00	3999.76	3942.39	3941.65	8.27	8.20	97.36	226.50	4373.71	4371.51	4355.04	265.34	
4100.00	4099.75	4042.47	4041.73	8.49	8.42	93.41	225.01	4373.71	4371.61	4354.70	258.54	
4200.00	4199.71	4142.52	4141.76	8.70	8.64	72.40	223.45	4373.71	4371.08	4353.74	252.05	
4300.00	4299.66	4242.55	4241.78	8.91	8.86	85.67	221.82	4373.71	4370.39	4352.62	245.90	
4400.00	4399.62	4342.57	4341.79	9.13	9.08	79.63	220.11	4373.71	4369.91	4351.70	240.04	
4500.00	4499.56	4442.46	4441.66	9.34	9.30	57.90	218.37	4373.71	4368.68	4350.04	234.40	
4600.00	4599.50	4542.32	4541.51	9.55	9.52	53.40	216.63	4373.71	4366.56	4347.49	228.97	
4700.00	4699.42	4642.18	4641.35	9.77	9.74	48.24	214.89	4373.71	4364.07	4344.56	223.75	
4800.00	4799.38	4742.08	4741.23	9.98	9.96	65.14	213.14	4373.71	4362.30	4342.36	218.82	
4900.00	4899.35	4841.99	4841.13	10.19	10.19	58.51	211.40	4373.71	4361.04	4340.67	214.10	
5000.00	4999.32	4941.92	4941.04	10.40	10.41	53.10	209.65	4373.71	4359.74	4338.94	209.58	
5100.00	5099.31	5041.86	5040.97	10.61	10.63	69.31	207.91	4373.71	4358.84	4337.60	205.26	
5200.00	5199.28	5141.78	5140.87	10.82	10.85	96.14	206.17	4373.71	4358.62	4336.95	201.12	
5300.00	5299.23	5241.66	5240.73	11.04	11.08	76.37	204.42	4373.71	4358.27	4336.16	197.12	
5400.00	5399.18	5341.53	5340.60	11.25	11.30	66.87	202.68	4373.71	4357.24	4334.69	193.27	
5500.00	5499.11	5441.49	5440.54	11.47	11.52	73.54	200.91	4373.71	4356.04	4333.06	189.54	
5600.00	5599.01	5541.40	5540.43	11.69	11.75	71.41	199.05	4373.71	4354.58	4331.15	185.89	
5700.00	5698.87	5641.27	5640.28	11.90	11.97	65.39	197.10	4373.71	4352.63	4328.76	182.37	
5800.00	5798.76	5741.15	5740.14	12.12	12.19	67.40	195.06	4373.71	4350.65	4326.34	178.99	
5900.00	5898.65	5841.02	5839.99	12.34	12.42	66.14	192.94	4373.71	4348.75	4324.00	175.73	
6000.00	5998.55	5940.82	5939.76	12.55	12.64	71.93	190.76	4373.71	4347.08	4321.89	172.58	
6100.00	6098.46	6040.61	6039.53	12.77	12.87	76.02	188.58	4373.71	4345.87	4320.24	169.56	
6200.00	6198.34	6140.36	6139.26	12.99	13.09	80.59	186.41	4373.71	4344.84	4318.76	166.62	
6300.00	6298.22	6240.11	6238.98	13.21	13.32	89.23	184.23	4373.71	4344.33	4317.81	163.81	
6400.00	6398.10	6339.87	6338.72	13.43	13.54	84.81	182.05	4373.71	4344.04	4317.08	161.11	
6500.00	6498.00	6439.74	6438.57	13.65	13.77	80.69	179.81	4373.71	4343.44	4316.03	158.47	
6600.00	6597.93	6539.66	6538.45	13.86	14.00	91.53	177.39	4373.71	4343.11	4315.26	155.95	
6700.00	6697.87	6639.58	6638.34	14.07	14.23	99.65	174.81	4373.71	4343.40	4315.11	153.54	
6800.00	6797.82	6739.50	6738.22	14.28	14.45	121.63	172.05	4373.71	4344.48	4315.75	151.23	
6900.00	6897.78	6839.44	6838.11	14.49	14.68	150.93	169.11	4373.71	4346.46	4317.29	149.03	
7000.00	6997.74	6939.46	6938.09	14.70	14.91	141.72	165.92	4373.71	4348.63	4319.02	146.88	
7100.00	7097.70	7039.47	7038.03	14.91	15.15	149.23	162.30	4373.71	4350.84	4320.79	144.79	
7185.00	7182.68	7124.45	7122.95	15.09	15.34	159.08	158.88	4373.71	4352.72	4322.29	143.06	
7222.00	7219.67	7161.45	7159.91	15.13	15.43	175.63	157.30	4373.71	4353.40	4322.85	142.49	
7254.00	7251.67	7193.45	7191.88	15.13	15.50	160.79	155.88	4373.71	4353.94	4323.32	142.16	
7286.00	7283.66	7225.44	7223.84	15.13	15.58	179.25	154.42	4373.71	4354.47	4323.76	141.83	
7318.00	7315.66	7257.45	7255.81	15.13	15.65	275.62	152.91	4373.71	4354.71	4323.93	141.47	
7350.00	7347.65	7289.46	7287.78	15.13	15.73	324.66	151.36	4373.71	4354.10	4323.25	141.12	
7381.00	7378.58	7320.43	7318.71	15.11	15.80	328.95	149.81	4373.71	4352.35	4321.44	140.83	
7413.00	7410.38	7352.33	7350.57	15.08	15.87	325.55	148.18	4373.71	4349.42	4318.47	140.52	
7445.00	7442.04	7384.05	7382.25	15.04	15.95	340.07	146.52	4373.71	4345.21	4314.25	140.33	
7477.00	7473.50	7415.56	7413.72	15.02	16.02	343.72	144.87	4373.71	4339.66	4308.69	140.10	
7509.00	7504.69	7446.81	7444.92	15.01	16.10	345.36	143.24	4373.71	4332.77	4301.82	140.02	
7541.00	7535.52	7477.71	7475.78	15.02	16.17	342.89	141.62	4373.71	4324.49	4293.57	139.86	
7572.00	7565.00	7507.29	7505.32	15.03	16.24	340.93	140.07	4373.71	4315.33	4284.45	139.73	
7604.00	7594.93	7537.33	7535.32	15.05	16.31	347.39	138.50	4373.71	4304.38	4273.63	139.99	
7636.00	7624.24	7566.78	7564.73	15.05	16.38	336.99	136.96	4373.71	4292.08	4261.36	139.68	



Weatherford Anticollision Report



Weatherford

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Diamond PWU 22 #4H
Reference Well: PWU 22 #4H
Reference Wellpath: Build 10's
Date: 5/24/2012
Time: 13:44.14
Page: 3
Co-ordinate(NE) Reference: Well: PWU 22 #4H, Grid North
Vertical (TVD) Reference: SITE 3359.0
Db: Sybase

Site: Parkway West Unit 21
Well: Parkway West Unit 21
Wellpath: 1 V0

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis Ref ft	Offset ft	IFO-HS deg	Offset Location North ft	East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
7668.00	7652.91	7595.68	7593.59	15.08	16.45	336.18	135.45	4373.71	4278.82	4248.16	139.55	
7700.00	7680.88	7623.91	7621.78	15.11	16.52	334.33	133.97	4373.71	4264.41	4233.84	139.49	
7732.00	7707.95	7651.29	7649.12	15.15	16.58	331.86	132.53	4373.71	4248.72	4218.25	139.46	
7763.00	7733.26	7676.93	7674.72	15.21	16.64	330.58	131.19	4373.71	4232.37	4201.98	139.26	
7795.00	7758.46	7702.48	7700.24	15.28	16.70	329.67	129.87	4373.71	4214.39	4184.09	139.10	
7827.00	7782.57	7726.97	7724.70	15.38	16.75	327.48	128.61	4373.71	4195.27	4165.02	138.71	
7858.00	7804.61	7749.40	7747.10	15.50	16.80	326.89	127.46	4373.71	4175.43	4145.33	138.71	
7890.00	7825.59	7770.79	7768.46	15.65	16.84	325.61	126.38	4373.71	4153.28	4123.29	138.50	
7922.00	7844.38	7790.00	7787.64	15.85	16.88	323.92	125.42	4373.71	4129.33	4099.40	137.98	
7954.00	7861.09	7807.12	7804.75	16.08	16.92	322.28	124.57	4373.71	4103.90	4073.86	136.64	
7986.00	7876.05	7822.50	7820.11	16.34	16.95	318.64	123.81	4373.71	4077.48	4047.08	134.13	
8018.00	7889.44	7836.33	7833.92	16.65	16.98	315.27	123.13	4373.71	4050.38	4019.51	131.20	
8050.00	7901.61	7848.94	7846.51	17.00	17.01	313.64	122.51	4373.71	4022.75	3991.50	128.73	
8082.00	7912.48	7860.22	7857.78	17.38	17.04	311.73	121.96	4373.71	3994.47	3962.75	125.94	
8114.00	7921.57	7869.71	7867.27	17.81	17.06	306.00	121.50	4373.71	3965.49	3932.82	121.37	
8216.20	7935.01	7884.57	7882.10	19.36	17.09	271.22	120.79	4373.71	3870.43	3833.99	106.21	
8300.00	7935.87	7886.60	7884.13	20.86	17.09	271.30	120.69	4373.71	3791.57	3753.63	99.92	
8400.00	7936.90	7888.82	7886.35	22.81	17.10	271.44	120.58	4373.71	3696.21	3656.30	92.63	
8500.00	7937.93	7890.79	7888.32	24.88	17.10	271.64	120.49	4373.71	3599.61	3557.64	85.76	
8600.00	7938.95	7892.52	7890.04	27.02	17.10	271.95	120.41	4373.71	3501.95	3457.84	79.38	
8700.00	7939.96	7893.99	7891.51	29.19	17.11	272.46	120.34	4373.71	3403.41	3357.13	73.53	
8800.00	7940.96	7895.20	7892.72	31.37	17.11	273.50	120.28	4373.71	3304.18	3255.75	68.22	
8829.45	7941.26	7895.51	7893.03	32.01	17.11	274.04	120.26	4373.71	3274.86	3225.80	66.76	
8900.00	7941.96	7896.22	7893.74	33.72	17.11	273.89	120.23	4373.71	3204.57	3153.79	63.11	
9000.00	7942.95	7897.23	7894.75	36.20	17.11	273.69	120.18	4373.71	3104.96	3051.70	58.31	
9100.00	7943.94	7898.23	7895.75	38.71	17.12	273.48	120.13	4373.71	3005.37	2949.60	53.89	
9200.00	7944.93	7899.24	7896.76	41.25	17.12	273.27	120.08	4373.71	2905.81	2847.50	49.83	
9300.00	7945.92	7900.25	7897.76	43.82	17.12	273.07	120.04	4373.71	2806.28	2745.40	46.09	
9400.00	7946.91	7901.25	7898.77	46.41	17.12	272.86	119.99	4373.71	2706.79	2643.31	42.64	
9500.00	7947.91	7902.26	7899.78	49.01	17.13	272.65	119.94	4373.71	2607.34	2541.25	39.45	
9600.00	7948.90	7903.27	7900.78	51.64	17.13	272.45	119.89	4373.71	2507.93	2439.21	36.49	
9700.00	7949.89	7904.28	7901.79	54.27	17.13	272.24	119.84	4373.71	2408.57	2337.20	33.75	
9800.00	7950.88	7905.28	7902.79	56.92	17.13	272.03	119.79	4373.71	2309.26	2235.24	31.20	
9900.00	7951.87	7906.29	7903.80	59.58	17.13	271.82	119.75	4373.71	2210.01	2133.33	28.82	
10000.00	7952.86	7907.30	7904.80	62.24	17.14	271.62	119.70	4373.71	2110.84	2031.48	26.60	
10100.00	7953.85	7908.30	7905.81	64.91	17.14	271.41	119.65	4373.71	2011.74	1929.71	24.52	
10200.00	7954.85	7909.31	7906.82	67.59	17.14	271.20	119.60	4373.71	1912.74	1828.03	22.58	
10300.00	7955.84	7910.32	7907.82	70.28	17.14	270.99	119.55	4373.71	1813.85	1726.44	20.75	
10400.00	7956.83	7911.32	7908.83	72.97	17.14	270.78	119.50	4373.71	1715.09	1624.99	19.04	
10500.00	7957.82	7912.33	7909.83	75.67	17.15	270.58	119.46	4373.71	1616.48	1523.68	17.42	
10600.00	7958.81	7913.34	7910.84	78.36	17.15	270.37	119.41	4373.71	1518.05	1422.54	15.90	
10700.00	7959.80	7914.34	7911.85	81.07	17.15	270.16	119.36	4373.71	1419.83	1321.63	14.46	
10719.93	7960.00	7914.54	7912.05	81.61	17.15	270.12	119.35	4373.71	1400.32	1301.58	14.18	
10755.32	7960.68	7915.23	7912.73	82.56	17.15	275.17	119.32	4373.71	1365.62	1266.20	13.74	
10800.00	7961.95	7916.51	7914.01	83.77	17.16	274.91	119.26	4373.71	1321.90	1221.25	13.13	
10900.00	7964.80	7919.37	7916.86	86.48	17.16	274.33	119.12	4373.71	1224.30	1120.88	11.84	
11000.00	7967.64	7922.23	7919.72	89.19	17.17	273.74	118.98	4373.71	1127.11	1020.93	10.62	
11100.00	7970.49	7925.08	7922.57	91.91	17.17	273.15	118.84	4373.71	1030.46	921.52	9.46	
11200.00	7973.33	7927.94	7925.43	94.62	17.18	272.56	118.71	4373.71	934.50	822.80	8.37	
11300.00	7976.18	7930.80	7928.28	97.34	17.19	271.97	118.57	4373.71	839.47	725.03	7.33	
11400.00	7979.03	7933.66	7931.14	100.06	17.19	271.37	118.43	4373.71	745.74	628.55	6.36	



Weatherford Anticollision Report

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Reference Site: Diamond PWU 22 #4H
Reference Well: PWU 22 #4H
Reference Wellpath: Build 10's

Date: 5/24/2012
Time: 13:44:14
Page: 4

Co-ordinate(N/E) Reference: Well PWU 22 #4H, Grid North
Vertical (TVD) Reference: SITE 3359.0
Db: Sybase

Site: Parkway West Unit 21
Well: Parkway West Unit 21
Wellpath: 1 V0

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Edge		Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
11500.00	7981.87	7936.52	7934.00	102.78	17.20	270.78	118.30	4373.71	653.85	533.93	5.45	
11600.00	7984.72	7939.38	7936.85	105.51	17.20	270.19	118.16	4373.71	564.71	442.07	4.60	
11700.00	7987.56	7942.24	7939.71	108.23	17.21	269.59	118.02	4373.71	479.86	354.51	3.83	
11800.00	7990.41	7945.10	7942.56	110.96	17.22	269.00	117.88	4373.71	402.01	273.99	3.14	
11900.00	7993.26	7947.96	7945.42	113.68	17.22	268.40	117.75	4373.71	336.07	205.39	2.57	
12000.00	7996.10	7950.82	7948.28	116.41	17.23	267.81	117.61	4373.71	290.26	156.96	2.18	
12100.00	7998.95	7953.68	7951.13	119.14	17.24	267.21	117.47	4373.71	274.86	138.91	2.02	
12200.00	8001.79	7956.53	7953.99	121.87	17.24	266.61	117.34	4373.71	294.67	156.01	2.13	
12300.00	8004.64	7959.39	7956.84	124.61	17.25	266.02	117.20	4373.71	343.65	202.27	2.43	
12400.00	8007.48	7962.25	7959.70	127.34	17.25	265.42	117.06	4373.71	411.51	267.44	2.86	
12500.00	8010.33	7965.11	7962.55	130.07	17.26	264.83	116.92	4373.71	490.48	343.75	3.34	
12600.00	8013.18	7967.97	7965.41	132.81	17.27	264.23	116.79	4373.71	576.01	426.64	3.86	
12700.00	8016.02	7970.83	7968.27	135.54	17.27	263.64	116.65	4373.71	665.57	513.60	4.38	
12800.00	8018.87	7973.69	7971.12	138.28	17.28	263.05	116.51	4373.71	757.74	603.19	4.90	
12900.00	8021.71	7976.55	7973.98	141.02	17.28	262.45	116.37	4373.71	851.67	694.56	5.42	
13000.00	8024.56	7979.41	7976.83	143.75	17.29	261.86	116.24	4373.71	946.83	787.18	5.93	
13100.00	8027.40	7982.27	7979.69	146.49	17.30	261.27	116.10	4373.71	1042.89	880.73	6.43	
13200.00	8030.25	7985.13	7982.55	149.23	17.30	260.68	115.96	4373.71	1139.62	974.97	6.92	
13300.00	8033.10	7987.98	7985.40	151.97	17.31	260.10	115.83	4373.71	1236.87	1069.74	7.40	
13400.00	8035.94	7990.84	7988.26	154.71	17.32	259.51	115.69	4373.71	1334.51	1164.94	7.87	
13500.00	8038.79	7993.70	7991.11	157.45	17.32	258.93	115.55	4373.71	1432.48	1260.48	8.33	
13542.59	8040.00	7994.92	7992.33	158.62	17.32	258.68	115.49	4373.71	1474.28	1301.26	8.52	

**Weatherford[®]****Weatherford Drilling Services**

GeoDec v5.03

Report Date: April 30, 2012
Job Number: _____
Customer: Devon Energy
Well Name: Diamon PWU 22 #4H
API Number: _____
Rig Name: converted to nad 27 JM Wright Unit #90
Location: Eddy Co., NM
Block: _____
Engineer: RWJ

US State Plane 1983	Geodetic Latitude / Longitude
System: New Mexico Eastern Zone	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: North American Datum 1983	Datum: North American Datum 1983
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
North/South 596959.600 USFT	Latitude 32.6408228 DEG
East/West 621130.740 USFT	Longitude -104.0741071 DEG
Grid Convergence: .14°	
Total Correction: +7.61°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.64082° N	32° 38 min 26.962 sec
Longitude =	104.07411° W	104° 4 min 26.786 sec

Magnetic Declination =	7.75°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6635
Local Field Strength =	48751 nT	Magnetic Vector X = 23812 nT
Magnetic Dip =	60.47°	Magnetic Vector Y = 3241 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 42416 nT
Spud Date =	Apr 10, 2012	Magnetic Vector H = 24032 nT

Signed: _____

Date: _____