

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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

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 30-015-38334	² Pool Code 60660	³ Pool Name TURKEY TRACK PARKWAY; BONE SPRING
⁴ Property Code 38433	⁵ Property Name DIAMOND PWU "22"	
⁶ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁷ Well Number 1H
		⁹ Elevation 3331.2

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	19 S	29 E		575	NORTH	330	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	19 S	29 E		400	NORTH	330	EAST	EDDY

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

330' SURFACE LOCATION NW CORNER SEC. 22 LAT. = 32.6535461°N LONG. = 104.0712025°W NMSP EAST (FT) N = 601591.06 E = 622013.77		400' BOTTOM OF HOLE LAT. = 32.6523453°N LONG. = 104.0551489°W NMSP EAST (FT) N = 601166.66 E = 626957.54		330' BOTTOM OF HOLE NE CORNER SEC. 22 LAT. = 32.6534311°N LONG. = 104.0540527°W NMSP EAST (FT) N = 601562.67 E = 627293.35	
DIAMOND PWU "22" #1H ELEV. = 3331.2' LAT. = 32.6519528°N (NAD83) LONG. = 104.0701295°W NMSP EAST (FT) N = 601012.09 E = 622345.52					
PENETRATION POINT: 575' FNL & 530' FWL					
☐ PRODUCING AREA		☒ PROJECT AREA			
SW CORNER SEC. 22 LAT. = 32.6390370°N LONG. = 104.0712464°W NMSP EAST (FT) N = 596311.23 E = 622013.28		SE CORNER SEC. 22 LAT. = 32.6389396°N LONG. = 104.0541331°W NMSP EAST (FT) N = 596289.21 E = 627282.45			

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well in this 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: *[Signature]* Date: *12/27/2010*

Printed Name: _____

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.

DECEMBER 14, 2010

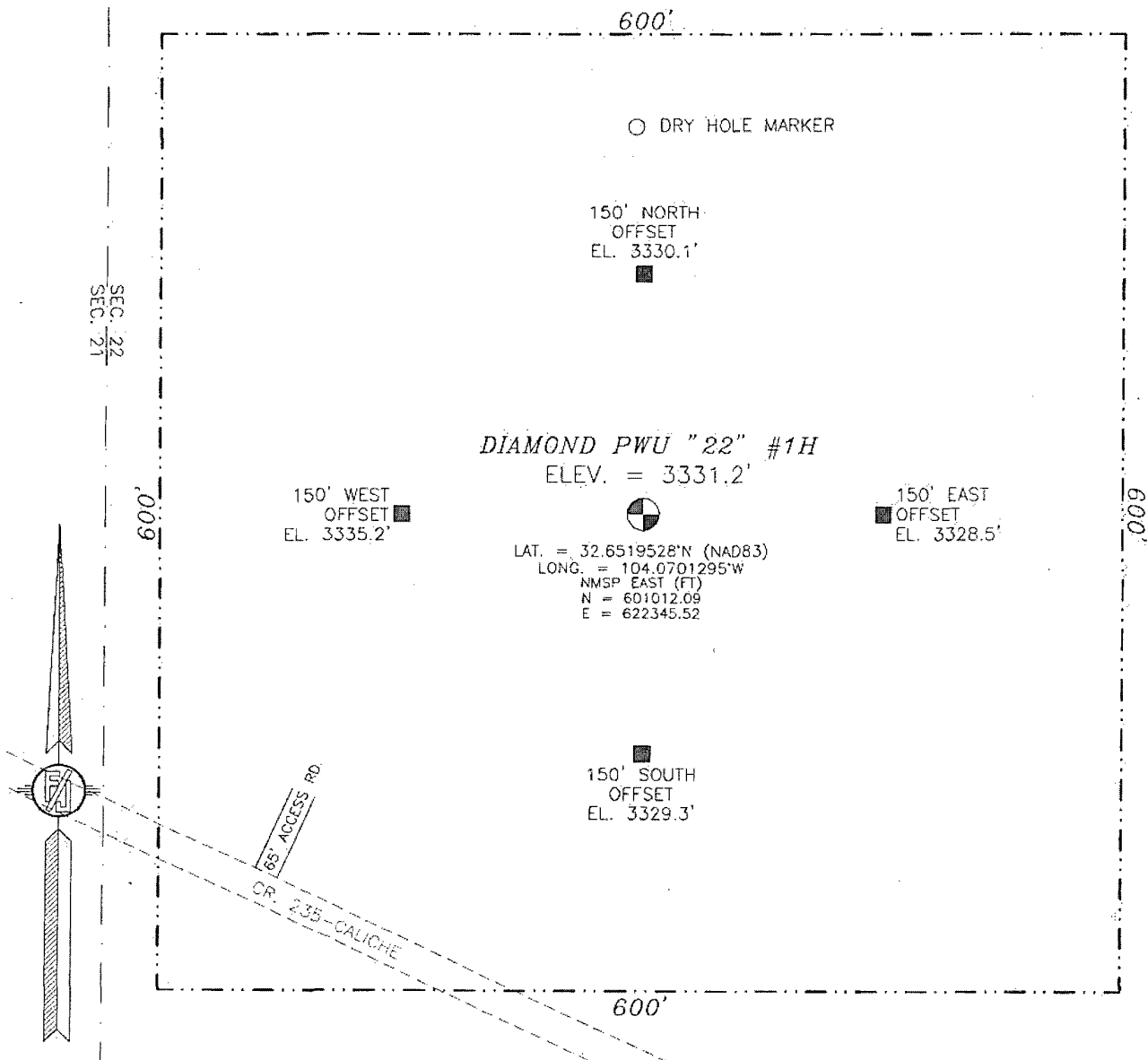
Date of Survey: *12/27/2010*

Signature and Seal of Professional Surveyor: *[Signature]*

Certificate Number: *2797* FILMON F. JARAMILLO, PLS 12797

SURVEY NO. 342

SECTION 22, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM CR. 235 (CURRY COMB - CALICHE) AND CR. 210 (OLD LOGO - CALICHE) GO WEST ON CR. 235 1.45 MILES, LOCATION IS ON LEFT (NORTH) 317'.

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIAMOND PWU "22" #1H

LOCATED 575 FT. FROM THE NORTH LINE
AND 330 FT. FROM THE WEST LINE OF

SECTION 22, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.

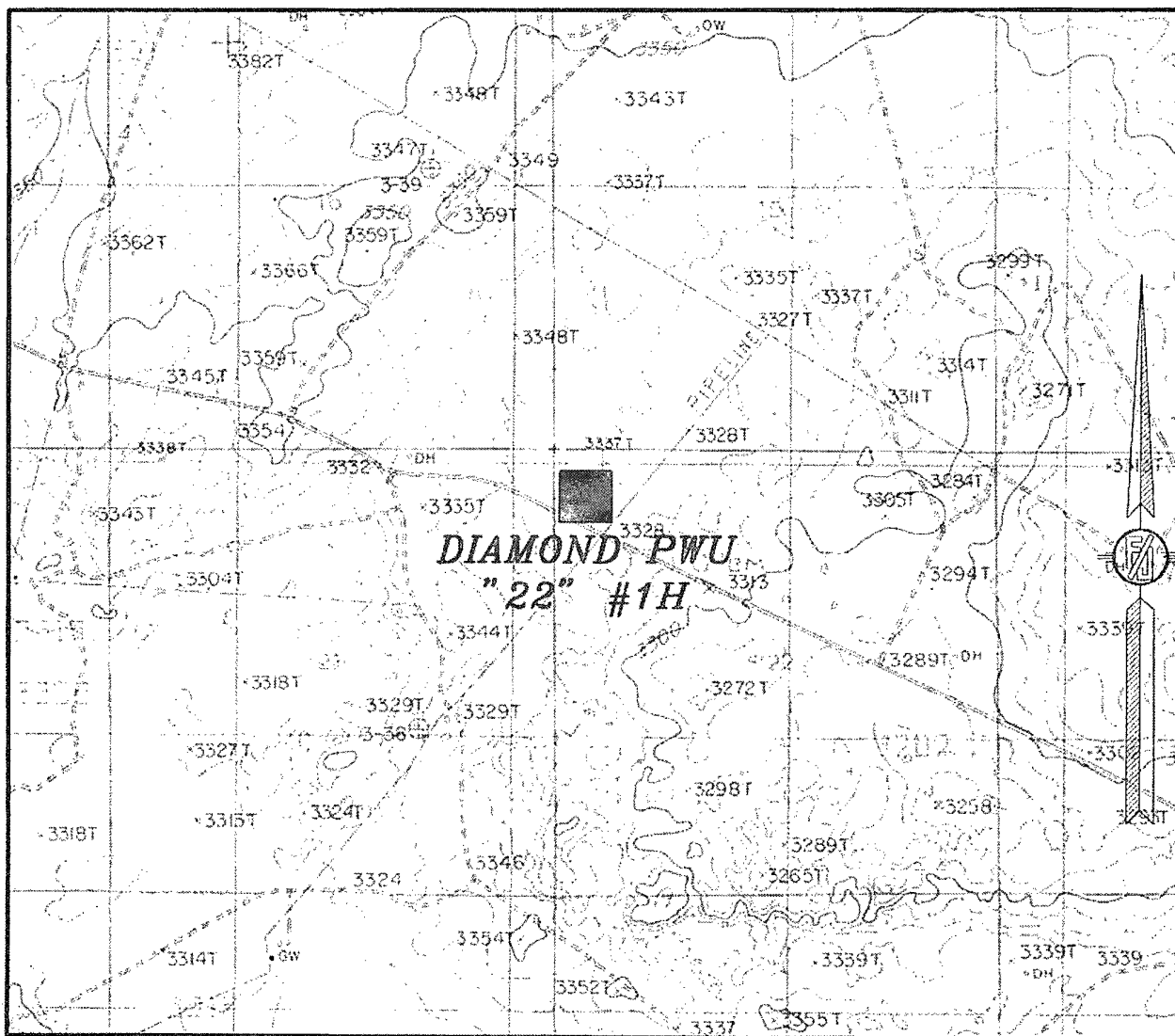
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 14, 2010

SURVEY NO. 342

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 687-5830 CARLSBAD, NEW MEXICO

SECTION 22, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



CONTOUR INTERVAL:
 ILLINOIS CAMP NE

NOT TO SCALE

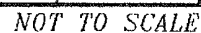
DEVON ENERGY PRODUCTION COMPANY, L.P.
DIAMOND PWU "22" #1H
 LOCATED 575 FT. FROM THE NORTH LINE
 AND 330 FT. FROM THE WEST LINE OF
 SECTION 22, TOWNSHIP 19 SOUTH,
 RANGE 29 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 14, 2010

SURVEY NO. 342

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 887-5830 CARLSBAD, NEW MEXICO

VICINITY MAP



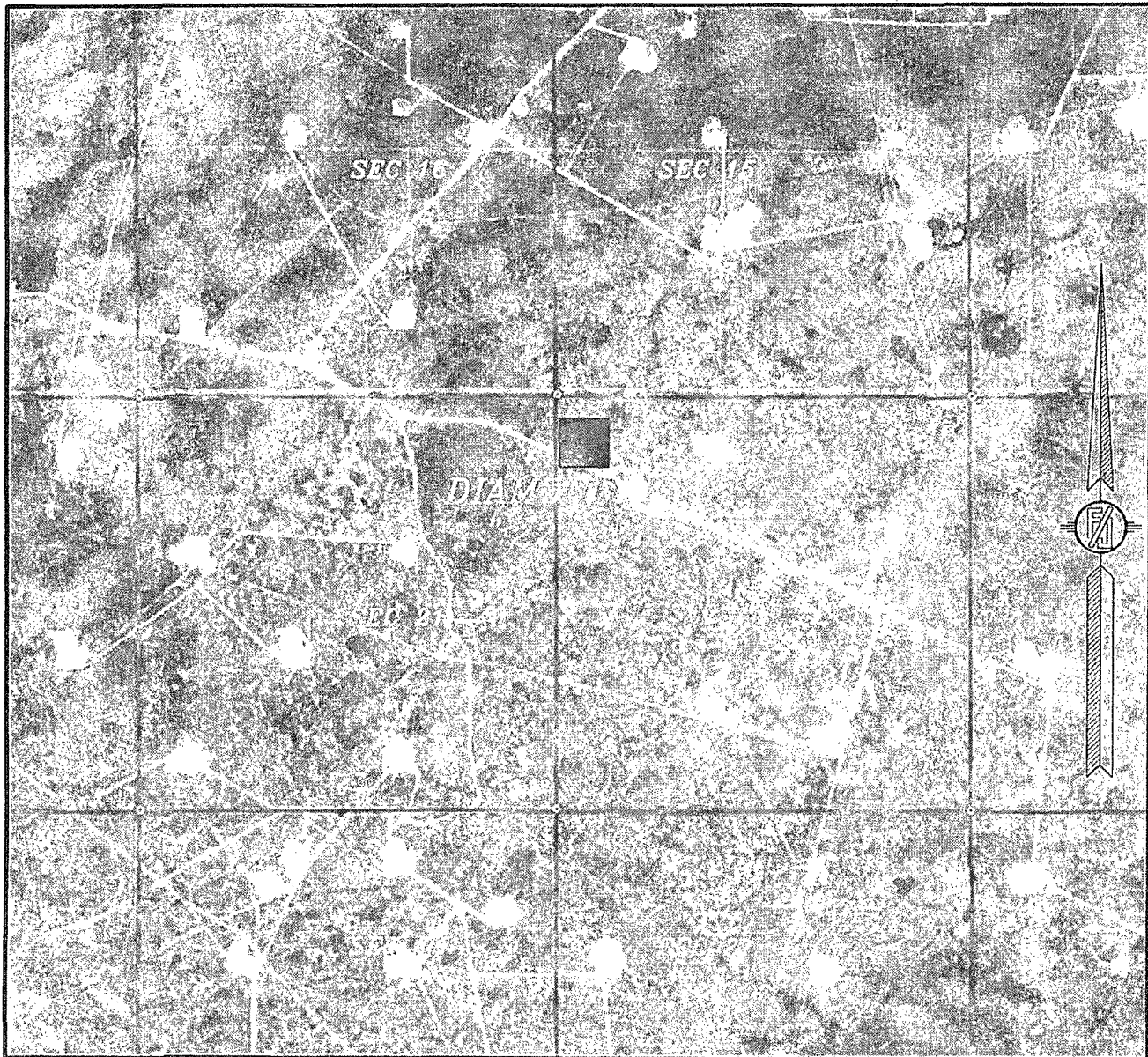
DECEMBER 14, 2010

MADRON SURVEYING, INC. 501 SOUTH CANAL
(575) 887-5830 CARLSBAD, NEW MEXICO

JUL SOUTH CANAL
(975) 287-5830

SECTION 22, 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
USDA - AUG, 2009

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIAMOND PWU "22" #1H

LOCATED 575 FT. FROM THE NORTH LINE
AND 330 FT. FROM THE WEST LINE OF
SECTION 22, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 14, 2010

SURVEY NO. 342

MADRON SURVEYING, INC. 531 SOUTH CANAL (575) 887-5839 CARLSBAD, NEW MEXICO

SECTION LAND PLAT

County Eddy State New Mexico

Section 22 Township 19 S Range 29 E

Diamond PWU 22 1 H

SHL: 575' FNL, 330' FWL / BHL: 400' FNL, 330' FEL

SHL		BHL	
State NM K0 3830		State NM L0 3099	



Weatherford®

RECEIVED

DEC 28 2010
HOBBSOCD

Drilling Services

Proposal



devon

DIAMOND PWU 22 #1H

EDDY COUNTY, NM

WELL FILE: **PLAN 1**

DECEMBER 20, 2010

Weatherford International, Ltd.

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



Diamond PWU 22 #1H
Eddy Co, NM

KB ELEV: 3356
GL ELEV: 3331

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	88.08	0.00	0.00	0.00	0.00	0.00	0.00	
2	7357.11	0.00	88.08	7357.11	0.00	0.00	0.00	0.00	0.00	
3	8248.62	89.15	88.08	7930.00	18.91	564.15	10.00	88.08	564.47	
4	12299.20	89.15	88.08	7990.00	154.57	4612.02	0.00	0.00	4614.61	Pbhl

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Diamond PWU 22 #1H	0.00	0.00	601012.09	622345.52	32°39'07.021N	104°04'12.476W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	7990.00	154.57	4612.02	601166.66	626957.54	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

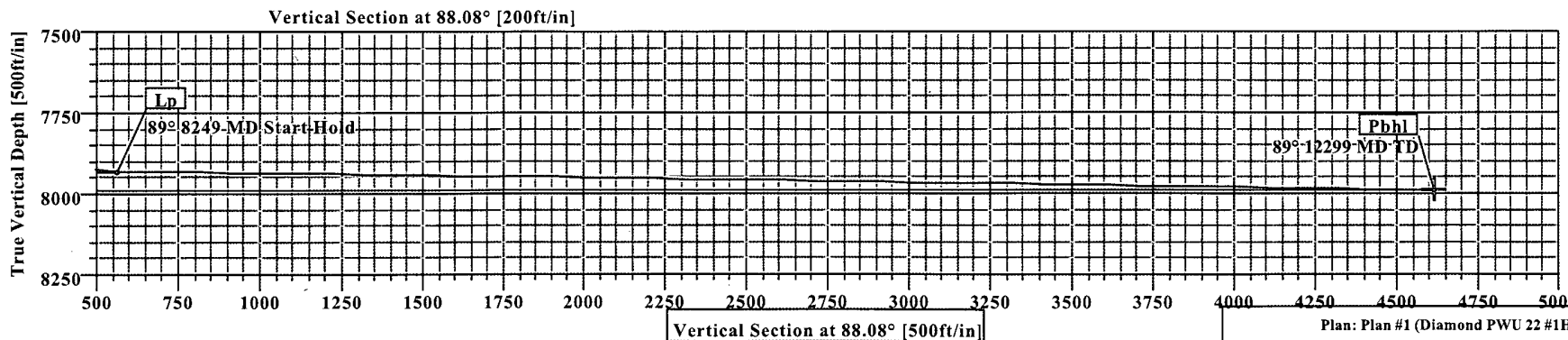
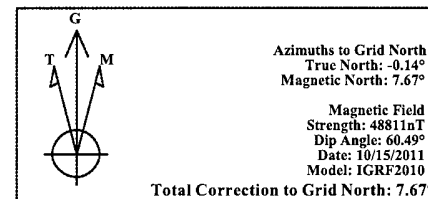
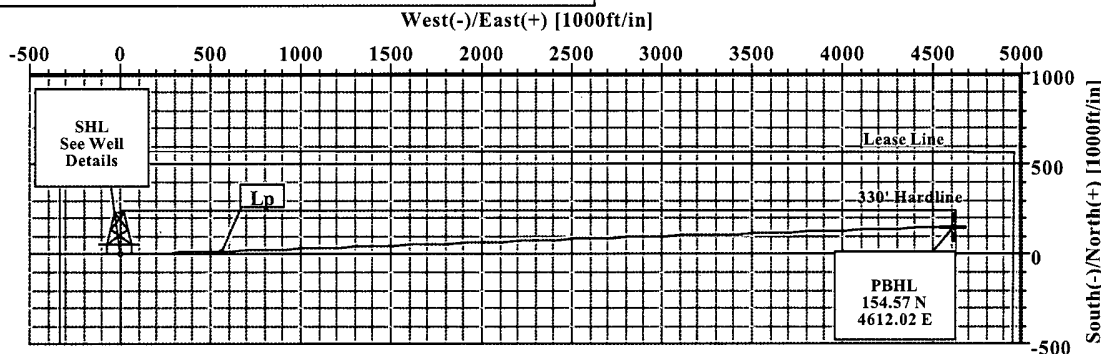
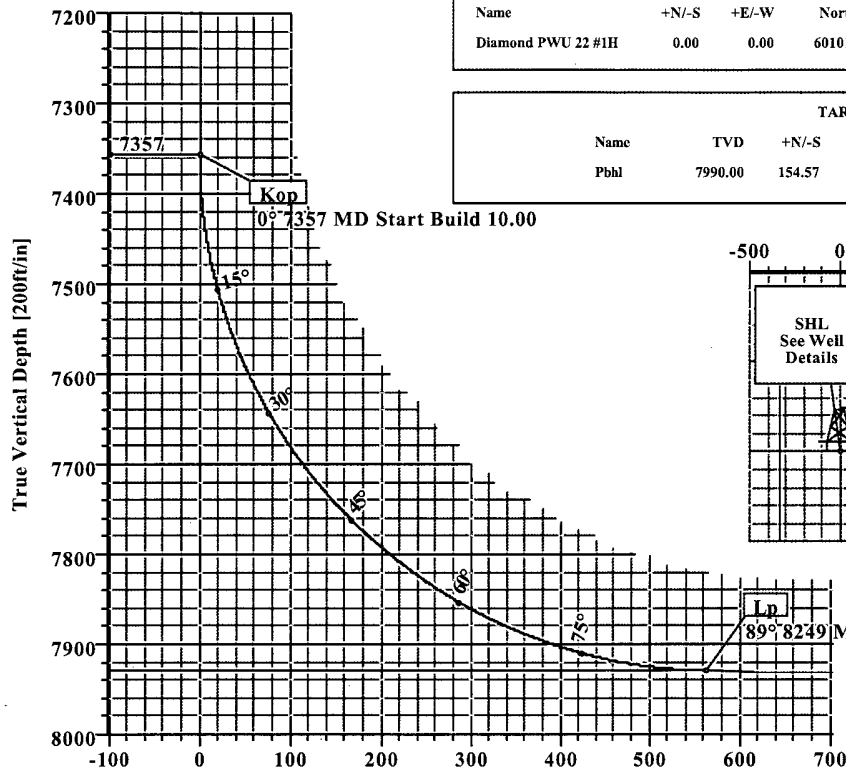
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

Diamond PWU 22 #1H

Site Centre Northing: 601012.09
Easting: 622345.52

Ground Level: 3331.00
Positional Uncertainty: 0.00
Convergence: 0.14



Plan: Plan #1 (Diamond PWU 22 #1H/1)
Created By: Russell W. Joyner
Date: 12/20/2010



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy	Date: 12/20/2010	Time: 14:41:57	Page: 1
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: Diamond PWU 22 #1H, Grid North		
Site: Diamond PWU 22 #1H	Vertical (TVD) Reference: SITE 3356.0		
Well: Diamond PWU 22 #1H	Section (VS) Reference: Well (0.00N,0.00E,88.08Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #1	Date Composed: 12/20/2010
Principal: Yes	Version: 1
	Tied-to: From Surface

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 #1H

Site Position:	Northing: 601012.09 ft	Latitude: 32 39 7.021 N
From: Map	Easting: 622345.52 ft	Longitude: 104 4 12.476 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3331.00 ft		Grid Convergence: 0.14 deg

Well: Diamond PWU 22 #1H

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 601012.09 ft	Latitude: 32 39 7.021 N
	+E/-W 0.00 ft	Easting: 622345.52 ft	Longitude: 104 4 12.476 W
Position Uncertainty: 0.00 ft			

Wellpath: 1

Current Datum: SITE	Height 3356.00 ft	Drilled From: Surface
Magnetic Data: 10/15/2011		Tie-on Depth: 0.00 ft
Field Strength: 48811 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 7.81 deg
ft	+N/-S ft	Mag Dip Angle: 60.49 deg
	+E/-W ft	Direction deg
7990.00	0.00	0.00 88.08

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
0.00	0.00	88.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7357.11	0.00	88.08	7357.11	0.00	0.00	0.00	0.00	0.00	0.00	
8248.62	89.15	88.08	7930.00	18.91	564.15	10.00	10.00	0.00	88.08	
12299.20	89.15	88.08	7990.00	154.57	4612.02	0.00	0.00	0.00	0.00	Pbhl

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
730.00	0.00	88.08	730.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
830.00	0.00	88.08	830.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
930.00	0.00	88.08	930.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1030.00	0.00	88.08	1030.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1130.00	0.00	88.08	1130.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1230.00	0.00	88.08	1230.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1330.00	0.00	88.08	1330.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1430.00	0.00	88.08	1430.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1530.00	0.00	88.08	1530.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1630.00	0.00	88.08	1630.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1730.00	0.00	88.08	1730.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1830.00	0.00	88.08	1830.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
1930.00	0.00	88.08	1930.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2030.00	0.00	88.08	2030.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2130.00	0.00	88.08	2130.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2230.00	0.00	88.08	2230.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2330.00	0.00	88.08	2330.00	0.00	0.00	0.00	0.00	601012.09	622345.52	



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #1H
Well: Diamond PWU 22 #1H
Wellpath: 1

Date: 12/20/2010 Time: 14:41:57 Page: 2
Co-ordinate(NE) Reference: Well: Diamond PWU 22 #1H, Grid North
Vertical (TVD) Reference: SITE 3356.0
Section (VS) Reference: Well (0.00N,0.00E,88.08Azi)
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	Comment
2430.00	0.00	88.08	2430.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2530.00	0.00	88.08	2530.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2630.00	0.00	88.08	2630.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2730.00	0.00	88.08	2730.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2830.00	0.00	88.08	2830.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
2930.00	0.00	88.08	2930.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3030.00	0.00	88.08	3030.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3130.00	0.00	88.08	3130.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3230.00	0.00	88.08	3230.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3330.00	0.00	88.08	3330.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3430.00	0.00	88.08	3430.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3530.00	0.00	88.08	3530.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3630.00	0.00	88.08	3630.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3730.00	0.00	88.08	3730.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3830.00	0.00	88.08	3830.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
3930.00	0.00	88.08	3930.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4030.00	0.00	88.08	4030.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4130.00	0.00	88.08	4130.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4230.00	0.00	88.08	4230.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4330.00	0.00	88.08	4330.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4430.00	0.00	88.08	4430.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4530.00	0.00	88.08	4530.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4630.00	0.00	88.08	4630.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4730.00	0.00	88.08	4730.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4830.00	0.00	88.08	4830.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
4930.00	0.00	88.08	4930.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5030.00	0.00	88.08	5030.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5130.00	0.00	88.08	5130.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5230.00	0.00	88.08	5230.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5330.00	0.00	88.08	5330.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5430.00	0.00	88.08	5430.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5530.00	0.00	88.08	5530.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5630.00	0.00	88.08	5630.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5730.00	0.00	88.08	5730.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5830.00	0.00	88.08	5830.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
5930.00	0.00	88.08	5930.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6030.00	0.00	88.08	6030.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6130.00	0.00	88.08	6130.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6230.00	0.00	88.08	6230.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6330.00	0.00	88.08	6330.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6430.00	0.00	88.08	6430.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6530.00	0.00	88.08	6530.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6630.00	0.00	88.08	6630.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6730.00	0.00	88.08	6730.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6830.00	0.00	88.08	6830.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
6930.00	0.00	88.08	6930.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
7030.00	0.00	88.08	7030.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
7130.00	0.00	88.08	7130.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
7230.00	0.00	88.08	7230.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
7330.00	0.00	88.08	7330.00	0.00	0.00	0.00	0.00	601012.09	622345.52	
7357.11	0.00	88.08	7357.11	0.00	0.00	0.00	0.00	601012.09	622345.52	Kop
7430.00	7.29	88.08	7429.80	0.16	4.63	4.63	10.00	601012.25	622350.15	
7530.00	17.29	88.08	7527.39	0.87	25.87	25.89	10.00	601012.96	622371.39	



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #1H
Well: Diamond PWU 22 #1H
Wellpath: 1

Date: 12/20/2010 Time: 14:41:57 Page: 3
Co-ordinate(NE) Reference: Well: Diamond PWU 22 #1H, Grid North
Vertical (TVD) Reference: SITE 3356.0
Section (VS) Reference: Well (0.00N,0.00E,88.08Azi)
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	Comment
7630.00	27.29	88.08	7619.80	2.14	63.73	63.77	10.00	601014.23	622409.25	
7730.00	37.29	88.08	7704.23	3.92	117.05	117.12	10.00	601016.01	622462.57	
7830.00	47.29	88.08	7778.11	6.17	184.22	184.32	10.00	601018.26	622529.74	
7930.00	57.29	88.08	7839.20	8.82	263.18	263.33	10.00	601020.91	622608.70	
8030.00	67.29	88.08	7885.64	11.78	351.55	351.75	10.00	601023.87	622697.07	
8130.00	77.29	88.08	7916.02	14.97	446.64	446.89	10.00	601027.06	622792.16	
8230.00	87.29	88.08	7929.42	18.28	545.55	545.86	10.00	601030.37	622891.07	
8248.62	89.15	88.08	7930.00	18.91	564.15	564.47	10.00	601031.00	622909.67	Lp
8330.00	89.15	88.08	7931.21	21.63	645.48	645.84	0.00	601033.72	622991.00	
8430.00	89.15	88.08	7932.69	24.98	745.41	745.83	0.00	601037.07	623090.93	
8530.00	89.15	88.08	7934.17	28.33	845.35	845.82	0.00	601040.42	623190.87	
8630.00	89.15	88.08	7935.65	31.68	945.28	945.81	0.00	601043.77	623290.80	
8730.00	89.15	88.08	7937.13	35.03	1045.21	1045.80	0.00	601047.12	623390.73	
8830.00	89.15	88.08	7938.61	38.38	1145.14	1145.79	0.00	601050.47	623490.66	
8930.00	89.15	88.08	7940.10	41.73	1245.08	1245.78	0.00	601053.82	623590.60	
9030.00	89.15	88.08	7941.58	45.08	1345.01	1345.76	0.00	601057.17	623690.53	
9130.00	89.15	88.08	7943.06	48.43	1444.94	1445.75	0.00	601060.52	623790.46	
9230.00	89.15	88.08	7944.54	51.78	1544.88	1545.74	0.00	601063.87	623890.40	
9330.00	89.15	88.08	7946.02	55.13	1644.81	1645.73	0.00	601067.22	623990.33	
9430.00	89.15	88.08	7947.50	58.47	1744.74	1745.72	0.00	601070.56	624090.26	
9530.00	89.15	88.08	7948.98	61.82	1844.67	1845.71	0.00	601073.91	624190.19	
9630.00	89.15	88.08	7950.46	65.17	1944.61	1945.70	0.00	601077.26	624290.13	
9730.00	89.15	88.08	7951.94	68.52	2044.54	2045.69	0.00	601080.61	624390.06	
9830.00	89.15	88.08	7953.43	71.87	2144.47	2145.68	0.00	601083.96	624489.99	
9930.00	89.15	88.08	7954.91	75.22	2244.41	2245.67	0.00	601087.31	624589.93	
10030.00	89.15	88.08	7956.39	78.57	2344.34	2345.66	0.00	601090.66	624689.86	
10130.00	89.15	88.08	7957.87	81.92	2444.27	2445.64	0.00	601094.01	624789.79	
10230.00	89.15	88.08	7959.35	85.27	2544.20	2545.63	0.00	601097.36	624889.72	
10330.00	89.15	88.08	7960.83	88.62	2644.14	2645.62	0.00	601100.71	624989.66	
10430.00	89.15	88.08	7962.31	91.97	2744.07	2745.61	0.00	601104.06	625089.59	
10530.00	89.15	88.08	7963.79	95.32	2844.00	2845.60	0.00	601107.41	625189.52	
10630.00	89.15	88.08	7965.28	98.66	2943.94	2945.59	0.00	601110.75	625289.46	
10730.00	89.15	88.08	7966.76	102.01	3043.87	3045.58	0.00	601114.10	625389.39	
10830.00	89.15	88.08	7968.24	105.36	3143.80	3145.57	0.00	601117.45	625489.32	
10930.00	89.15	88.08	7969.72	108.71	3243.74	3245.56	0.00	601120.80	625589.26	
11030.00	89.15	88.08	7971.20	112.06	3343.67	3345.55	0.00	601124.15	625689.19	
11130.00	89.15	88.08	7972.68	115.41	3443.60	3445.53	0.00	601127.50	625789.12	
11230.00	89.15	88.08	7974.16	118.76	3543.53	3545.52	0.00	601130.85	625889.05	
11330.00	89.15	88.08	7975.64	122.11	3643.47	3645.51	0.00	601134.20	625988.99	
11430.00	89.15	88.08	7977.13	125.46	3743.40	3745.50	0.00	601137.55	626088.92	
11530.00	89.15	88.08	7978.61	128.81	3843.33	3845.49	0.00	601140.90	626188.85	
11630.00	89.15	88.08	7980.09	132.16	3943.27	3945.48	0.00	601144.25	626288.79	
11730.00	89.15	88.08	7981.57	135.51	4043.20	4045.47	0.00	601147.60	626388.72	
11830.00	89.15	88.08	7983.05	138.86	4143.13	4145.46	0.00	601150.95	626488.65	
11930.00	89.15	88.08	7984.53	142.20	4243.06	4245.45	0.00	601154.29	626588.58	
12030.00	89.15	88.08	7986.01	145.55	4343.00	4345.44	0.00	601157.64	626688.52	
12130.00	89.15	88.08	7987.49	148.90	4442.93	4445.42	0.00	601160.99	626788.45	
12230.00	89.15	88.08	7988.97	152.25	4542.86	4545.41	0.00	601164.34	626888.38	
12299.20	89.15	88.08	7990.00	154.57	4612.02	4614.61	0.00	601166.66	626957.54	Pbhl



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Diamond PWU 22 #1H
Well: Diamond PWU 22 #1H
Wellpath: 1

Date: 12/20/2010 **Time:** 14:41:57 **Page:** 4
Co-ordinate(NE) Reference: Well: Diamond PWU 22 #1H, Grid North
Vertical (TVD) Reference: SITE 3356.0
Section (VS) Reference: Well (0.00N,0.00E,88.08Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

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
Pbhl			7990.00	154.57	4612.02	601166.66	626957.54	32 39 8.434 N	104 3 18.525 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7357.11	7357.11	Kop
8248.62	7930.00	Lp
12299.20	7990.00	Pbhl

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

**Weatherford****Weatherford Drilling Services**

GeoDec v5.03

Report Date: December 20, 2010
Job Number: _____
Customer: Devon Energy
Well Name: Diamond PWU 22 #1H
API Number: _____
Rig Name: _____
Location: Eddy Co., NM (NAD 83)
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 601012.090 USFT	Latitude 32.6519537 DEG
East/West 622345.520 USFT	Longitude -104.0701280 DEG
Grid Convergence: .14°	
Total Correction: +7.67°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.65195° N	32° 39 min 7.033 sec
Longitude =	104.07013° W	104° 4 min 12.461 sec

Magnetic Declination =	7.81°	[True North Offset]	
Local Gravity =	.9988 g	Checksum =	6740
Local Field Strength =	48807 nT	Magnetic Vector X =	23819 nT
Magnetic Dip =	60.49°	Magnetic Vector Y =	3266 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z =	42474 nT
Spud Date =	Oct 15, 2011	Magnetic Vector H =	24042 nT

Signed: _____

Date: _____