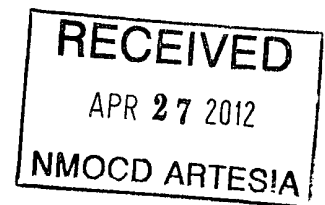


30-015-40217



Weatherford®

Drilling Services

Proposal



devon

CORAL PWU 28 2H

EDDY COUNTY, NM

WELL FILE: **PLAN 1**

APRIL 25, 2012

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561 8892 Main

+1.432.561.8895 Fax

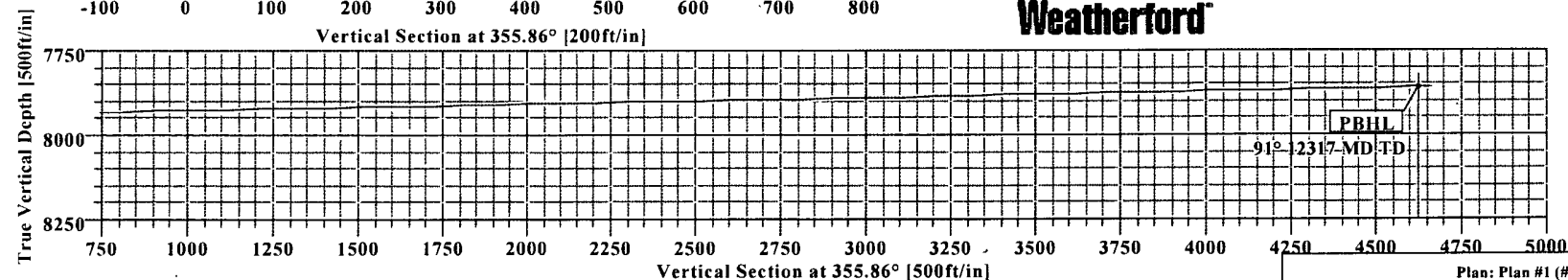
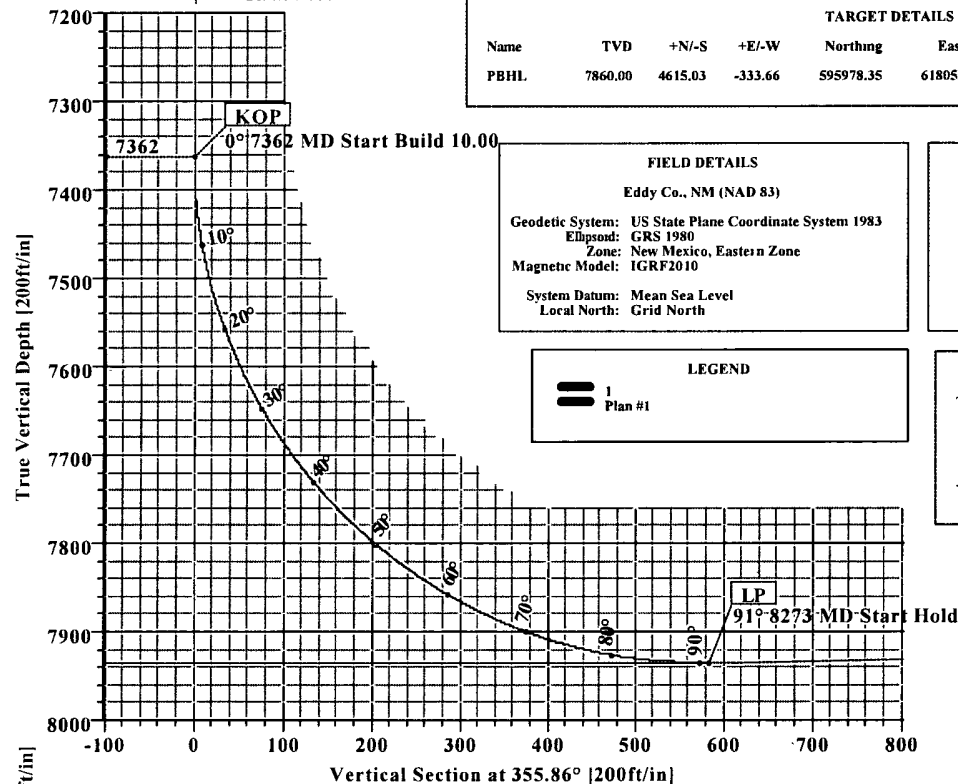
www.weatherford.com



Coral PWU 28 2H
Eddy Co., New Mexico



KB ELEV: 3323
GL ELEV: 3304



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	355.86	0.00	0.00	0.00	0.00	0.00	0.00	
2	7362.14	0.00	355.86	7362.14	0.00	0.00	0.00	0.00	0.00	
3	8272.77	91.06	355.86	7935.00	582.06	-42.08	10.00	355.86	593.58	
4	12316.95	91.06	355.86	7860.00	4615.03	-333.66	0.00	0.00	4627.08	PBHL

WELL DETAILS

Name+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#2 0.00	0.00	591363.32	618388.84	32°37'31.639N	104°04'59.022W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	7860.00	4615.03	-333.66	595978.35	618055.18	32°38'17.313N	104°05'02.797W	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

LEGEND

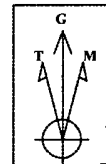
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Plan #1

SITE DETAILS

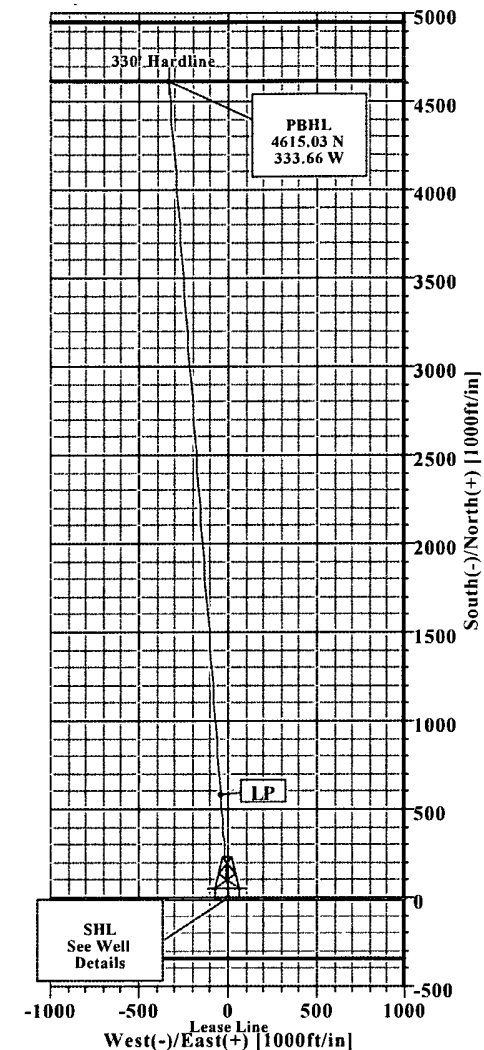
Coral PWU 28 2H

Site Centre Northing: 591363.32
Easting: 618388.84

Ground Level: 3304.00
Positional Uncertainty: 0.00
Convergence: 0.13



Azimuths to Grid North
True North: -0.13°
Magnetic North: 7.56°
Magnetic Field
Strength: 48702nT
Dip Angle: 60.44°
Date: 9/15/2012
Model: IGRF2010
Total Correction to Grid North: 7.56°



Weatherford

Plan: Plan #1 (#2/1)

Created By: Russell W. Joyner

Date: 4/25/2012



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy	Date: 4/25/2012	Time: 07 57 04	Page: 1
Field: Eddy Co , NM (NAD 83)	Co-ordinate(NE) Reference: Well #2, Grid North		
Site: Coral PWU 28 2H	Vertical (TVD) Reference: SITE 3323 0		
Well: #2	Section (VS) Reference: Well (0 00N,0 00E,355 86Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #1	Date Composed: 4/25/2012
Principal: Yes	Version: 1
	Tied-to: From Surface

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: Coral PWU 28 2H

Site Position:	Northing: 591363 32 ft	Latitude: 32 37 31.639 N
From: Map	Easting: 618388.84 ft	Longitude: 104 4 59 022 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3304 00 ft		Grid Convergence: 0 13 deg

Well: #2	Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 591363.32 ft	Latitude: 32 37 31.639 N
+E/-W 0.00 ft	Easting: 618388.84 ft	Longitude: 104 4 59.022 W
Position Uncertainty: 0.00 ft		

Wellpath: 1	Drilled From: Surface		
Current Datum: SITE	Tie-on Depth: 0.00 ft		
Magnetic Data: 9/15/2012	Above System Datum: Mean Sea Level		
Field Strength: 48702 nT	Declination: 7 70 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60 44 deg		
ft	+N/-S	+E/-W	Direction
	ft	ft	deg
0 00	0.00	0.00	355 86

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	355 86	0 00	0 00	0 00	0 00	0 00	0 00	0 00	
7362 14	0 00	355 86	7362 14	0 00	0 00	0 00	0 00	0 00	0 00	
8272 77	91 06	355 86	7935 00	582 06	-42.08	10.00	10.00	0 00	355 86	
12316 95	91 06	355 86	7860.00	4615.03	-333 66	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
7300.00	0 00	355.86	7300.00	0 00	0 00	0 00	0 00	591363 32	618388.84	KOP
7362 14	0 00	355 86	7362.14	0.00	0 00	0 00	0 00	591363 32	618388 84	
7400.00	3 79	355 86	7399 97	1.25	-0 09	1 25	10 00	591364 57	618388 75	
7500 00	13.79	355 86	7498.67	16 46	-1 19	16.51	10 00	591379.78	618387.65	
7600 00	23 79	355 86	7593 23	48 54	-3.51	48.67	10 00	591411.86	618385.33	
7700 00	33 79	355.86	7680 76	96 51	-6 98	96 76	10.00	591459.83	618381 86	LP
7800 00	43.79	355 86	7758.61	158 91	-11.49	159 32	10 00	591522 23	618377 35	
7900 00	53.79	355 86	7824.41	233 84	-16.91	234 45	10 00	591597.16	618371 93	
8000 00	63.79	355 86	7876 17	319.04	-23 07	319.87	10 00	591682 36	618365 77	
8100 00	73.79	355 86	7912.31	411 90	-29 78	412 97	10 00	591775 22	618359.06	
8200 00	83 79	355 86	7931 73	509.61	-36 84	510 94	10 00	591872 93	618352 00	
8272 77	91 06	355 86	7935 00	582 06	-42 08	583.58	10 00	591945 38	618346 76	
8300.00	91 06	355 86	7934 49	609 22	-44.05	610 81	0 00	591972 54	618344.79	
8400 00	91 06	355 86	7932 64	708.94	-51.26	710.80	0 00	592072 26	618337 58	
8500 00	91 06	355.86	7930 79	808.67	-58 47	810.78	0.00	592171.99	618330 37	
8600.00	91.06	355 86	7928.93	908.39	-65 68	910.76	0 00	592271.71	618323.16	
8700.00	91 06	355.86	7927.08	1008 11	-72 89	1010 74	0.00	592371 43	618315 95	



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Devon Energy	Date: 4/25/2012	Time: 07 57 04	Page: 2
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well #2, Grid North		
Site: Coral PWU 28 2H	Vertical (TVD) Reference: SITE 3323 0		
Well: #2	Section (VS) Reference: Well (0 00N,0 00E,355.86Azi)		
Wellpath: 1	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
8800.00	91.06	355.86	7925.22	1107.83	-80.09	1110.73	0.00	592471.15	618308.75	
8900.00	91.06	355.86	7923.37	1207.56	-87.30	1210.71	0.00	592570.88	618301.54	
9000.00	91.06	355.86	7921.51	1307.28	-94.51	1310.69	0.00	592670.60	618294.33	
9100.00	91.06	355.86	7919.66	1407.00	-101.72	1410.67	0.00	592770.32	618287.12	
9200.00	91.06	355.86	7917.80	1506.72	-108.93	1510.66	0.00	592870.04	618279.91	
9300.00	91.06	355.86	7915.95	1606.45	-116.14	1610.64	0.00	592969.77	618272.70	
9400.00	91.06	355.86	7914.09	1706.17	-123.35	1710.62	0.00	593069.49	618265.49	
9500.00	91.06	355.86	7912.24	1805.89	-130.56	1810.61	0.00	593169.21	618258.28	
9600.00	91.06	355.86	7910.39	1905.62	-137.77	1910.59	0.00	593268.94	618251.07	
9700.00	91.06	355.86	7908.53	2005.34	-144.98	2010.57	0.00	593368.66	618243.86	
9800.00	91.06	355.86	7906.68	2105.06	-152.19	2110.55	0.00	593468.38	618236.65	
9900.00	91.06	355.86	7904.82	2204.78	-159.40	2210.54	0.00	593568.10	618229.44	
10000.00	91.06	355.86	7902.97	2304.51	-166.61	2310.52	0.00	593667.83	618222.23	
10100.00	91.06	355.86	7901.11	2404.23	-173.82	2410.50	0.00	593767.55	618215.02	
10200.00	91.06	355.86	7899.26	2503.95	-181.03	2510.49	0.00	593867.27	618207.81	
10300.00	91.06	355.86	7897.40	2603.67	-188.24	2610.47	0.00	593966.99	618200.60	
10400.00	91.06	355.86	7895.55	2703.40	-195.45	2710.45	0.00	594066.72	618193.39	
10500.00	91.06	355.86	7893.70	2803.12	-202.66	2810.43	0.00	594166.44	618186.18	
10600.00	91.06	355.86	7891.84	2902.84	-209.87	2910.42	0.00	594266.16	618178.97	
10700.00	91.06	355.86	7889.99	3002.56	-217.08	3010.40	0.00	594365.88	618171.76	
10800.00	91.06	355.86	7888.13	3102.29	-224.29	3110.38	0.00	594465.61	618164.55	
10900.00	91.06	355.86	7886.28	3202.01	-231.50	3210.37	0.00	594565.33	618157.34	
11000.00	91.06	355.86	7884.42	3301.73	-238.71	3310.35	0.00	594665.05	618150.13	
11100.00	91.06	355.86	7882.57	3401.45	-245.92	3410.33	0.00	594764.77	618142.92	
11200.00	91.06	355.86	7880.71	3501.18	-253.13	3510.31	0.00	594864.50	618135.71	
11300.00	91.06	355.86	7878.86	3600.90	-260.34	3610.30	0.00	594964.22	618128.50	
11400.00	91.06	355.86	7877.00	3700.62	-267.55	3710.28	0.00	595063.94	618121.29	
11500.00	91.06	355.86	7875.15	3800.34	-274.76	3810.26	0.00	595163.66	618114.08	
11600.00	91.06	355.86	7873.30	3900.07	-281.97	3910.24	0.00	595263.39	618106.87	
11700.00	91.06	355.86	7871.44	3999.79	-289.18	4010.23	0.00	595363.11	618099.66	
11800.00	91.06	355.86	7869.59	4099.51	-296.39	4110.21	0.00	595462.83	618092.45	
11900.00	91.06	355.86	7867.73	4199.23	-303.60	4210.19	0.00	595562.55	618085.24	
12000.00	91.06	355.86	7865.88	4298.96	-310.81	4310.18	0.00	595662.28	618078.03	
12100.00	91.06	355.86	7864.02	4398.68	-318.02	4410.16	0.00	595762.00	618070.82	
12200.00	91.06	355.86	7862.17	4498.40	-325.23	4510.14	0.00	595861.72	618063.61	
12300.00	91.06	355.86	7860.31	4598.12	-332.44	4610.12	0.00	595961.44	618056.40	
12316.95	91.06	355.86	7860.00	4615.03	-333.66	4627.08	0.00	595978.35	618055.18	PBHL

Targets

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->				<--- Longitude --->			
	Dip.							Deg	Min	Sec	Deg	Min	Sec		
PBHL			7860 00	4615 03	-333 66	595978 35	618055 18	32	38	17 313 N	104	5	2 797 W		

Casing Points

MD	TVD	Diameter	Hole Size	Name



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Coral PWU 28 2H
Well: #2
Wellpath: 1

Date: 4/25/2012 Time: 07:57:04 Page: 3
Co-ordinate(NE) Reference: Well #2, Grid North
Vertical (TVD) Reference: SITE 3323 0
Section (VS) Reference: Well (0 00N,0.00E,355.86Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Annotation

MD ft	TVD ft	
7362 14	7362 14	KOP
8272.77	7935 00	LP
12316 95	7860 00	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

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

GeoDec v5.03

Report Date: April 25, 2012

Job Number: _____

Customer: Devon Energy

Well Name: Coral PWU 28 2H

API Number: _____

Rig Name: _____

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 591363.320 USFT

Latitude 32.6254584 DEG

East/West 618388.840 USFT

Longitude -104.0830575 DEG

Grid Convergence: .13°

Total Correction: +7.57°

Geodetic Location WGS84

Elevation = 0.0 Meters

Latitude = 32.62546° N 32° 37 min 31.650 sec

Longitude = 104.08306° W 104° 4 min 59.007 sec

Magnetic Declination = 7.70° [True North Offset]

Local Gravity = .9988 g CheckSum = 6686

Local Field Strength = 48698 nT Magnetic Vector X = 23808 nT

Magnetic Dip = 60.44° Magnetic Vector Y = 3219 nT

Magnetic Model = IGRF-2010g11 Magnetic Vector Z = 42359 nT

Spud Date = Sep 15, 2012 Magnetic Vector H = 24025 nT

Signed: _____

Date: _____