

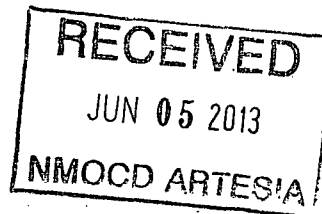


A GYRO TECHNOLOGIES INC. COMPANY

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

September 25, 2012

Devon Energy Production Company
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010



30-015-40217

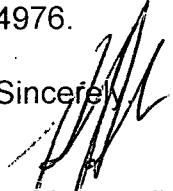
Attn: Patti Riechers

Re: **Coral PWU 28 No. 002H**

Please find enclosed a copy of the survey from 0' to 3,205' ran on the above referenced well.

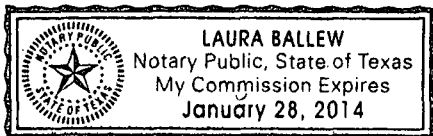
If I can be of any further service, please do not hesitate to call me at 800-606-4976.

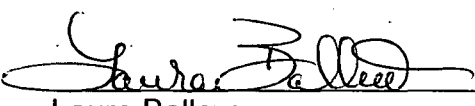
Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 27th day of September A.D., 2012, by Keith Havelka.





Laura Balley
Notary Public, State of Texas



Company: Devon Energy Production Co., LP
Lease/Well: Coral PWU 28/No. 002H

Rig Name: McVay 6
State/County: New Mexico/Eddy
Latitude: 32.64, Longitude: -104.08
GRID North is 0.13 Degrees East of True North
VS-Azi: 0.00 Degrees



RKB : 19 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: coral pwu 28 #2h gyro survey.ut
Minimum Curvature Method
Report Date/Time: 9/25/2012 / 15:59

Vaughn Energy Services
Gardendale, Texas
432-563-5444

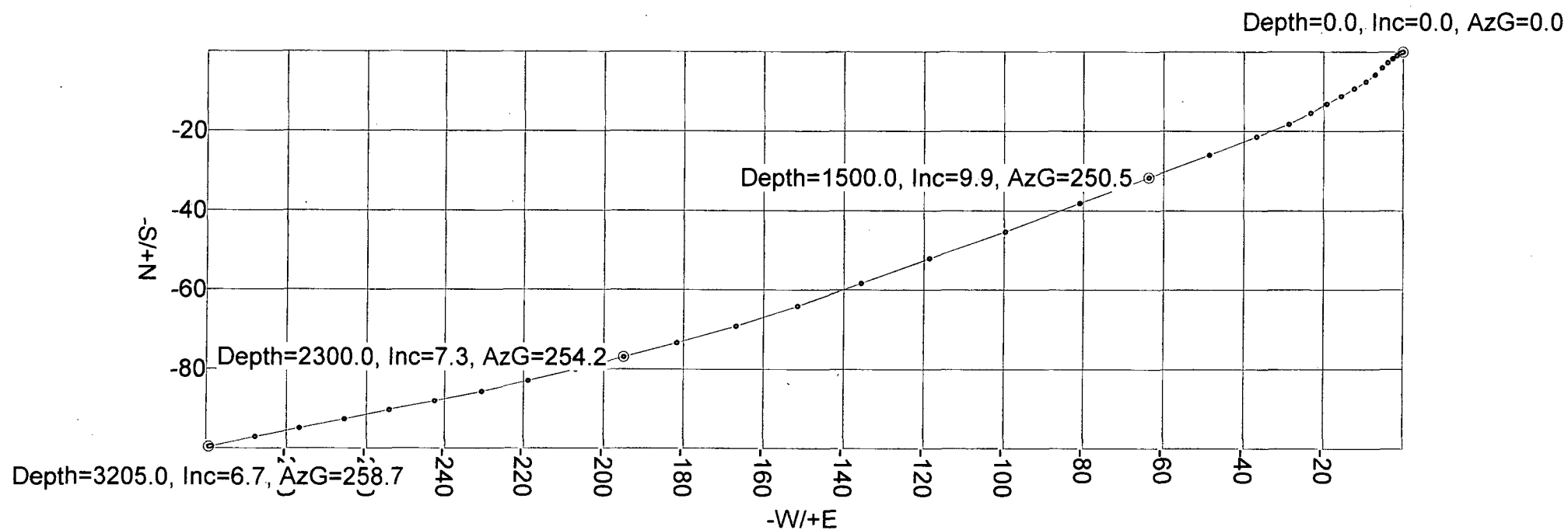
Surveyor: Chris Tallant
Coral PWU 28 No. 002H / API 30-015-40217

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	0.69	247.13	100.00	-0.23	-0.55	-0.23	0.60	247.13	0.69
200.00	0.72	227.15	199.99	-0.89	-1.56	-0.89	1.80	240.28	0.25
300.00	0.78	236.74	299.98	-1.69	-2.59	-1.69	3.09	236.86	0.14
400.00	1.07	229.14	399.97	-2.68	-3.86	-2.68	4.70	235.31	0.32
500.00	1.18	223.73	499.95	-4.03	-5.29	-4.03	6.65	232.66	0.15
600.00	1.63	228.21	599.92	-5.72	-7.06	-5.72	9.09	230.96	0.46
700.00	1.80	236.86	699.87	-7.53	-9.44	-7.53	12.08	231.40	0.31
800.00	2.03	241.62	799.82	-9.24	-12.32	-9.24	15.39	233.13	0.28
900.00	2.33	237.51	899.75	-11.17	-15.59	-11.17	19.18	234.37	0.34
1000.00	2.41	245.58	999.66	-13.14	-19.23	-13.14	23.29	235.66	0.34
1100.00	3.02	237.46	1099.55	-15.43	-23.37	-15.43	28.00	236.57	0.72
1200.00	3.98	246.95	1199.36	-18.20	-28.79	-18.20	34.06	237.69	1.12
1300.00	6.00	249.99	1298.98	-21.35	-36.89	-21.35	42.62	239.94	2.03
1400.00	8.54	247.69	1398.17	-25.96	-48.67	-25.96	55.16	241.93	2.56
1500.00	9.91	250.46	1496.87	-31.65	-63.64	-31.65	71.08	243.56	1.44
1600.00	11.35	248.63	1595.15	-38.12	-80.92	-38.12	89.45	244.78	1.48
1700.00	11.85	249.58	1693.11	-45.29	-99.71	-45.29	109.51	245.57	0.53
1800.00	11.36	251.37	1791.07	-52.01	-118.66	-52.01	129.56	246.33	0.61

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	9.63	248.08	1889.39	-58.28	-135.75	-58.28	147.74	246.76	1.82
2000.00	9.68	251.32	1987.97	-64.10	-151.48	-64.10	164.48	247.06	0.55
2100.00	9.05	252.67	2086.64	-69.14	-166.95	-69.14	180.70	247.51	0.67
2200.00	8.56	255.65	2185.46	-73.32	-181.68	-73.32	195.92	248.02	0.67
2300.00	7.33	254.19	2284.50	-76.91	-195.03	-76.91	209.64	248.48	1.25
2400.00	6.96	256.34	2383.72	-80.07	-207.05	-80.07	222.00	248.86	0.45
2500.00	6.97	256.69	2482.98	-82.90	-218.85	-82.90	234.03	249.25	0.04
2600.00	7.03	256.81	2582.24	-85.70	-230.71	-85.70	246.11	249.62	0.06
2700.00	6.91	260.65	2681.50	-88.07	-242.61	-88.07	258.10	250.05	0.48
2800.00	6.65	258.22	2780.80	-90.23	-254.21	-90.23	269.74	250.46	0.39
2900.00	6.68	257.83	2880.13	-92.63	-265.55	-92.63	281.25	250.77	0.05
3000.00	6.51	259.46	2979.46	-94.90	-276.81	-94.90	292.63	251.08	0.25
3100.00	6.35	258.22	3078.83	-97.06	-287.80	-97.06	303.73	251.36	0.21
3200.00	6.57	256.94	3178.20	-99.49	-298.79	-99.49	314.92	251.58	0.26
3205.00	6.66	258.75	3183.17	-99.61	-299.35	-99.61	315.49	251.60	4.55



Vaughn Energy Services
Gardendale, Texas
432-563-5444
Surveyor: Chris Tallant
Coral PWU 28 No. 002H / API 30-015-40217



VES Survey Date: 09/22/2012



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
333 W. Sherridan Ave
Oklahoma City, OK, 73102

Date: October 15, 2012

Attention: John Logemann

Re: Devon Energy
Well: Coral PWU 28 #2H
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:

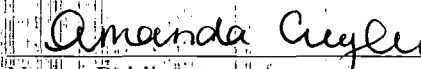
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Justin Nguyen MWD Supervisor	2H	7313' MD 12591' MD	9/28/2012 10/12/2012	Measurement While Drilling

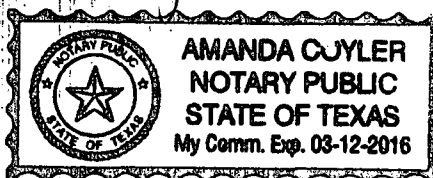
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Jesse Aguilar
Area Manager

On this, the 12th day of December, 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 Oyler
Notary Public



devon

Weatherford

WFT Survey Report X & Y's



Weatherford

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

Date: 10/12/2012 Time: 06:23:22 Page: 1
Co-ordinate(NE) Reference: Well: #2, Grid North
Vertical (TVD) Reference: SITE 3342.0
Section (VS) Reference: Well (0.00N,0.00E,176.21Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy

Start Date: 9/30/2012

Company: Weatherford
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: Coral PWU 28 2H

Site Position: Northing: 596243.29 ft Latitude: 32 38 19.935 N
From: Map Easting: 618064.68 ft Longitude: 104 5 2.678 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3323.00 ft Grid Convergence: 0.13 deg

Well: #2 Slot Name:
Well Position: +N-S 0.00 ft Northing: 596243.29 ft Latitude: 32 38 19.935 N
+E-W 0.00 ft Easting: 618064.68 ft Longitude: 104 5 2.678 W
Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
Current Datum: SITE Height 3342.00 ft Tie-on Depth: 0.00 ft
Magnetic Data: 9/15/2012 Above System Datum: Mean Sea Level
Field Strength: 48710 nT Declination: 7.70 deg
Vertical Section: Depth From (TVD) +N-S 60.45 deg
ft ft +E-W Direction
deg
0.00 0.00 0.00 176.21

MD	Incl	Azim	TVD	N/S	E/W	DLS	VS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	deg/100ft	ft	ft	ft	
7287.00	1.99	155.74	7258.93	-78.95	-468.53	0.00	47.81	596164.34	617596.15	Tie On VES First Wft Svy
7313.00	2.06	135.28	7284.91	-79.69	-468.02	2.78	48.58	596163.60	617596.66	
7345.00	3.15	146.50	7316.88	-80.84	-467.13	3.74	49.78	596162.45	617597.55	
7377.00	5.76	161.75	7348.78	-83.09	-466.14	8.89	52.10	596160.20	617598.54	
7408.00	9.14	170.65	7379.52	-87.00	-465.25	11.49	56.06	596156.29	617599.43	
7440.00	12.83	175.07	7410.93	-93.05	-464.53	11.82	62.14	596150.24	617600.15	
7472.00	16.30	178.13	7441.89	-101.08	-464.08	11.10	70.19	596142.21	617600.60	
7503.00	18.47	176.65	7471.48	-110.33	-463.65	7.14	79.45	596132.96	617601.03	
7535.00	21.36	179.78	7501.56	-121.22	-463.33	9.62	90.33	596122.07	617601.35	
7567.00	24.37	182.38	7531.04	-133.65	-463.58	9.92	102.72	596109.64	617601.10	
7599.00	26.03	183.18	7560.00	-147.26	-464.25	5.30	116.25	596096.03	617600.43	
7631.00	28.63	190.32	7588.43	-161.82	-466.01	13.06	130.66	596081.47	617598.67	
7662.00	31.05	194.66	7615.32	-176.86	-469.37	10.46	145.45	596066.43	617595.31	
7694.00	33.38	197.59	7642.39	-193.24	-474.12	8.76	161.48	596050.05	617590.56	
7726.00	35.89	197.58	7668.72	-210.58	-479.61	7.84	178.42	596032.71	617585.07	
7758.00	38.76	193.80	7694.17	-229.25	-484.83	11.47	196.71	596014.04	617579.85	
7790.00	41.87	191.41	7718.57	-249.46	-489.34	10.85	216.57	595993.83	617575.34	
7822.00	45.40	188.56	7741.73	-271.20	-493.15	12.63	238.01	595972.09	617571.53	
7854.00	48.29	186.68	7763.61	-294.33	-496.23	10.00	260.89	595948.96	617568.45	
7885.00	51.35	182.84	7783.61	-317.93	-498.18	13.67	284.30	595925.36	617566.50	
7917.00	55.38	180.66	7802.71	-343.59	-498.95	13.73	309.85	595899.70	617565.73	
7949.00	59.21	179.18	7819.99	-370.51	-498.91	12.59	336.72	595872.78	617565.77	
7981.00	62.95	178.54	7835.47	-398.51	-498.35	11.82	364.69	595844.78	617566.33	
8013.00	67.00	177.40	7849.00	-427.48	-497.31	13.06	393.67	595815.81	617567.37	



Weatherford

WFT Survey Report X & Y's

**Weatherford**

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

Date: 10/12/2012 Time: 06:23:22 Page: 2
Co-ordinate(NE) Reference: Well: #2, Grid North
Vertical (TVD) Reference: SITE 3342.0
Section (VS) Reference: Well (0.00N,0.00E,176.21Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

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		
8045.00	70.66	176.68	7860.56	-457.27	-495.77	11.63	423.50	595786.02	617568.91		
8077.00	73.54	174.29	7870.39	-487.62	-493.37	11.47	453.94	595755.67	617571.31		
8108.00	75.14	171.90	7878.76	-517.25	-489.78	9.04	483.75	595726.04	617574.90		
8140.00	77.80	170.64	7886.25	-548.00	-485.06	9.15	514.74	595695.29	617579.62		
8172.00	81.00	169.61	7892.13	-578.98	-479.66	10.49	546.01	595664.31	617585.02		
8204.00	84.89	168.37	7896.06	-610.15	-473.60	12.75	577.51	595633.14	617591.08		
8236.00	88.81	168.36	7897.82	-641.44	-467.15	12.25	609.16	595601.85	617597.53		
8268.00	91.40	167.17	7897.76	-672.71	-460.37	8.91	640.81	595570.58	617604.31		
8299.00	91.54	163.65	7896.97	-702.69	-452.57	11.36	671.24	595540.60	617612.11		
8331.00	92.45	160.07	7895.85	-733.08	-442.61	11.54	702.22	595510.21	617622.07		
8363.00	92.52	156.54	7894.46	-762.78	-430.80	11.02	732.64	595480.51	617633.88		
8395.00	91.19	153.83	7893.43	-791.81	-417.37	9.43	762.49	595451.48	617647.31		
8427.00	88.88	152.55	7893.41	-820.36	-402.94	8.25	791.94	595422.93	617661.74		
8459.00	88.60	153.01	7894.11	-848.81	-388.31	1.68	821.29	595394.48	617676.37		
8554.00	87.97	150.79	7896.95	-932.57	-343.59	2.43	907.82	595310.72	617721.09		
8650.00	87.20	149.36	7901.00	-1015.70	-295.74	1.69	993.93	595227.59	617768.94		
8745.00	87.13	149.86	7905.70	-1097.54	-247.74	0.53	1078.77	595145.75	617816.94		
8841.00	88.39	149.44	7909.45	-1180.32	-199.27	1.38	1164.57	595062.97	617865.41		
8937.00	89.02	149.36	7911.62	-1262.93	-150.41	0.66	1250.23	594980.36	617914.27		
9032.00	89.16	150.97	7913.13	-1345.33	-103.16	1.70	1335.57	594897.96	617961.52		
9128.00	89.93	153.19	7913.89	-1430.14	-58.21	2.45	1423.17	594813.15	618006.47		
9223.00	90.00	153.63	7913.95	-1515.10	-15.69	0.47	1510.75	594728.19	618048.99		
9319.00	90.35	154.31	7913.66	-1601.36	26.44	0.80	1599.60	594641.93	618091.12		
9414.00	89.65	154.57	7913.66	-1687.06	67.43	0.79	1687.83	594556.23	618132.11		
9510.00	88.88	154.71	7914.89	-1773.80	108.54	0.82	1777.10	594469.49	618173.22		
9605.00	88.75	156.07	7916.85	-1860.15	148.09	1.44	1865.87	594383.14	618212.77		
9701.00	88.67	156.78	7919.01	-1948.12	186.48	0.74	1956.18	594295.17	618251.16		
9796.00	88.67	157.75	7921.22	-2035.71	223.18	1.02	2046.01	594207.58	618287.86		
9892.00	88.81	159.25	7923.33	-2125.01	258.35	1.57	2137.44	594118.28	618323.03		
9988.00	88.60	161.50	7925.50	-2215.40	290.59	2.35	2229.76	594027.89	618355.27		
10084.00	90.35	162.02	7926.38	-2306.57	320.63	1.90	2322.72	593936.72	618385.31		
10179.00	90.49	164.39	7925.68	-2397.51	348.08	2.50	2415.27	593845.78	618412.76		
10275.00	89.93	171.04	7925.33	-2491.26	368.49	6.95	2510.16	593752.03	618433.17		
10371.00	89.79	175.69	7925.57	-2586.59	379.58	4.85	2606.02	593656.70	618444.26		
10467.00	88.88	179.19	7926.68	-2682.47	383.87	3.77	2701.97	593560.82	618448.55		
10563.00	88.88	180.29	7928.56	-2778.45	384.31	1.15	2797.77	593464.84	618448.99		
10659.00	88.88	182.45	7930.43	-2874.40	382.01	2.25	2893.36	593368.89	618446.69		
10755.00	89.58	183.32	7931.72	-2970.26	377.18	1.16	2988.70	593273.03	618441.86		
10850.00	90.35	183.79	7931.78	-3065.08	371.29	0.95	3082.92	593178.21	618435.97		
10947.00	90.14	183.84	7931.37	-3161.86	364.84	0.22	3179.06	593081.43	618429.52		
11043.00	89.65	184.45	7931.54	-3257.61	357.90	0.82	3274.14	592985.68	618422.58		
11138.00	89.23	185.03	7932.47	-3352.28	350.05	0.75	3368.09	592891.01	618414.73		
11234.00	88.88	185.35	7934.05	-3447.87	341.36	0.49	3462.90	592795.42	618406.04		
11330.00	88.67	185.77	7936.11	-3543.40	332.07	0.49	3557.60	592699.89	618396.75		
11425.00	88.04	185.79	7938.83	-3637.88	322.50	0.66	3651.24	592605.41	618387.18		
11520.00	87.62	186.56	7942.43	-3732.26	312.29	0.92	3744.74	592511.03	618376.97		
11615.00	87.06	186.94	7946.84	-3826.50	301.14	0.71	3838.03	592416.79	618365.82		
11710.00	86.57	187.00	7952.12	-3920.65	289.63	0.52	3931.22	592322.64	618354.31		
11804.00	86.43	187.28	7957.86	-4013.75	277.96	0.33	4023.34	592229.54	618342.64		
11899.00	86.36	187.33	7963.83	-4107.79	265.91	0.09	4116.38	592135.50	618330.59		
11995.00	86.29	187.49	7969.98	-4202.79	253.55	0.18	4210.36	592040.50	618318.23		
12089.00	86.08	187.79	7976.24	-4295.75	241.08	0.39	4302.29	591947.54	618305.76		



Weatherford

WFT Survey Report X & Y's



Weatherford

Company: Devon Energy	Date: 10/12/2012	Time: 06:23:22	Page: 3
Field: Eddy Co. NM (NAD 83)	Co-ordinate(NE) Reference: Well: #2, Grid North		
Site: Coral PWU 28 2H	Vertical (TVD) Reference: SITE 3342.0		
Well: #2	Section (VS) Reference: Well (0.00N,0.00E,176.21Azi)		
Wellpath:	Survey Calculation Method: Minimum Curvature		Db: Sybase

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
12184.00	85.87	187.90	7982.91	-4389.63	228.15	0.25	4395.11	591853.66	618292.83	
12279.00	85.80	188.38	7989.81	-4483.42	214.73	0.51	4487.81	591759.87	618279.41	
12374.00	85.66	188.91	7996.88	-4577.08	200.49	0.58	4580.33	591666.21	618265.17	
12468.00	85.45	189.24	8004.16	-4669.63	185.71	0.42	4671.69	591573.66	618250.39	
12563.00	85.10	189.67	8011.99	-4763.02	170.16	0.58	4763.85	591480.27	618234.84	
12591.00	85.08	189.94	8014.39	-4790.51	165.41	0.96	4790.96	591452.78	618230.09	Last Wft Svy
12660.00	85.08	189.94	8020.30	-4858.22	153.54	0.00	4857.75	591385.07	618218.22	Proj. To Bit

MD ft	TVD ft	
7287.00	7258.93	Tie On VES
7313.00	7284.91	First Wft Svy
12591.00	8014.39	Last Wft Svy
12660.00	8020.30	Proj. To Bit

devon

Coral PWU 28 2H
Eddy Co., New Mexico

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/S	+E/W	DLeg	TFace	VSec	Target
1	7952.00	57.96	174.54	7822.40	372.45	496.77	0.00	0.00	338.80	
2	8234.58	89.50	153.00	7901.43	-626.71	-418.41	13.28	322.93	597.68	
3	9434.58	89.50	153.00	7911.90	-1695.88	-126.36	0.00	0.00	1700.52	
4	10302.21	89.50	179.03	7919.58	-2530.54	-334.23	3.00	90.11	2547.10	
5	12662.07	89.50	179.03	7940.00	-4889.97	-374.17	0.00	0.00	4904.01	PBHL

WELL DETAILS

Name	+N/S	+E/W	Northing	Easting	Latitude	Longitude	Slot
#2	0.00	0.00	596243.29	618064.68	32°38'19.935N	104°05'02.678W	N/A

TARGET DETAILS

Name	TVD	+N/S	+E/W	Northing	Easting	Latitude	Longitude	Shape
PBHL	7940.00	-4889.97	374.17	591353.32	618438.85	32°37'31.538N	104°04'58.437W	Rectangle (2400x50)

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

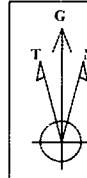
SITE DETAILS

Coral PWU 28 2H

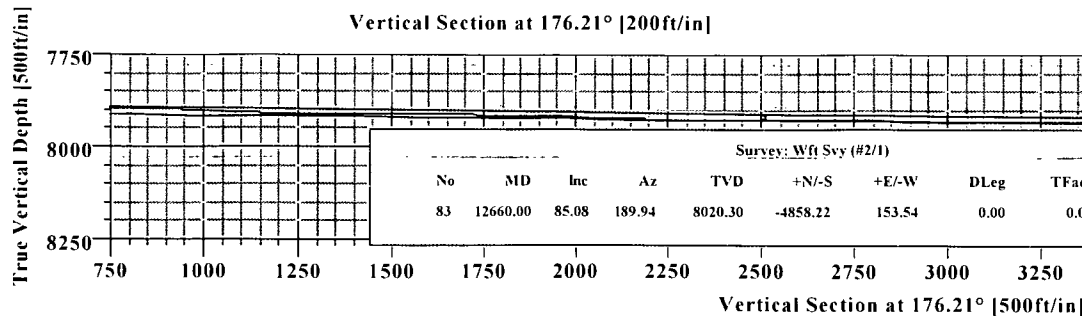
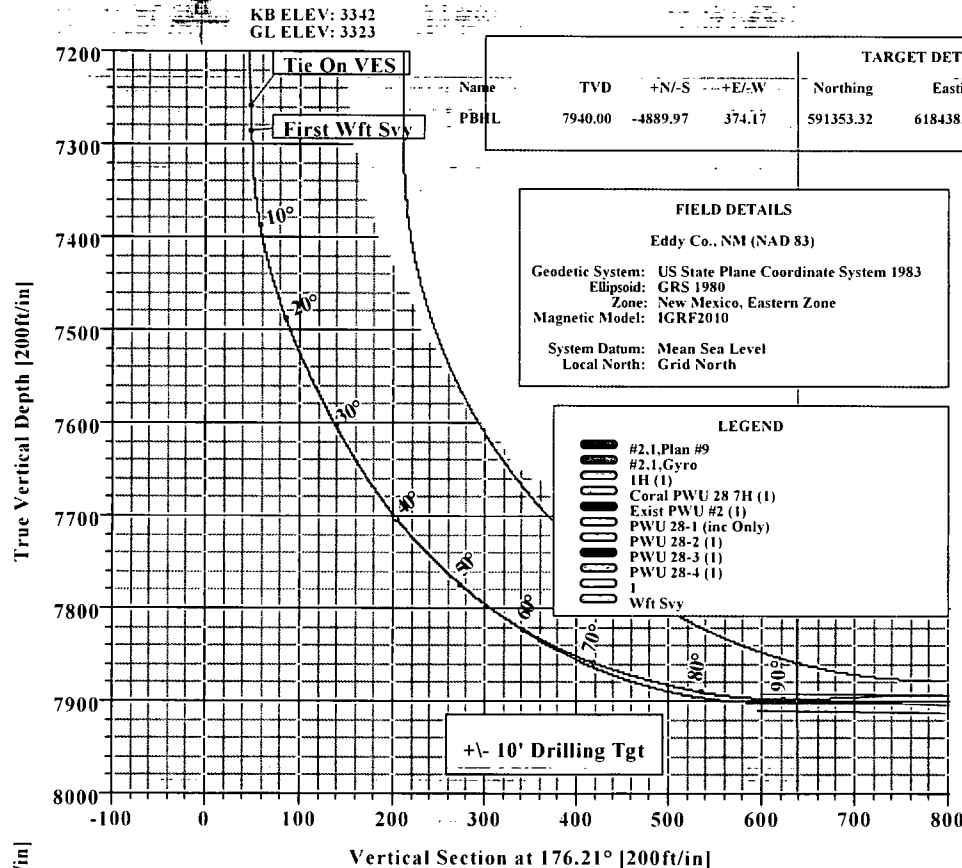
Site Centre Northing: 596243.29
Easting: 618064.68
Ground Level: 3323.00
Positional Uncertainty: 0.00
Convergence: 0.13

LEGEND

- #2.1. Plan #9
- #2.1. Gyro
- IH (1)
- Coral PWU 28 7H (1)
- Exist PWU #2 (1)
- PWU 28-1 (inc Only)
- PWU 28-2 (1)
- PWU 28-3 (1)
- PWU 28-4 (1)
- 1
- Wft Svy

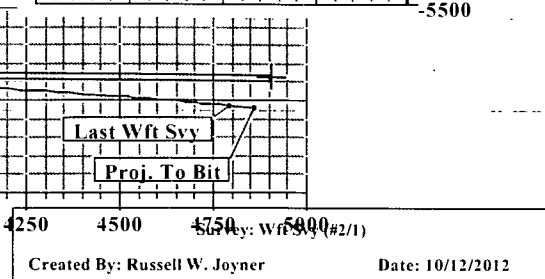
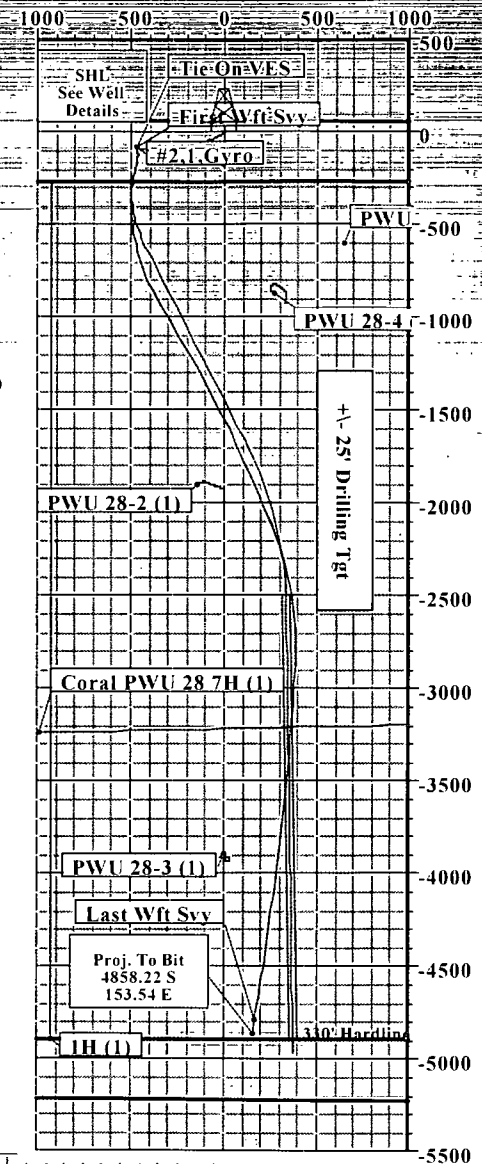


Azimuths to Grid North
True North: -0.13°
Magnetic North: 7.57°
Magnetic Field
Strength: 48710nT
Dip Angle: 60.45°
Date: 9/15/2012
Model: IGRF2010
Total Correction to Grid North: 7.57°



No	MD	Inc	Az	TVD	+N/S	+E/W	DLeg	TFace	VSec
83	12660.00	85.08	189.94	8020.30	-4858.22	153.54	0.00	0.00	4857.75

West(=)/East(+) [1000ft/in]



Created By: Russell W. Joyner

Date: 10/12/2012