

COPY

DEC 16 2011

30-015-39112



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

Occidental Permian Ltd.
5 Greenway Plaza Suite 110
Houston Tx 77046

Date: December 08, 2011

Attention: Douglas Muir

Re: Occidental Permian Ltd
Well: Conoco 10 State #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:

<u>Name & Title</u> <u>Of Surveyor</u>	<u>Well</u> <u>Number</u>	<u>Surveyed</u> <u>Depths</u>	<u>Dates</u> <u>Performed</u>	<u>Type of</u> <u>Survey</u>
Donny Meister MWD Supervisor	2H	367' MD 11946' MD	10/26/2011 12/07/2011	Measurement While Drilling

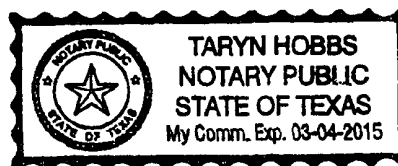
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
MWD Coordinator

On this, the 16 day of December, 2011, 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





Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd. Date: 12/7/2011 Time: 13:21:49 Page: 1
 Field: Eddy Co, NM (Nad 27) Co-ordinate(NE) Reference: Well: 2H, Grid North
 Site: Conoco 10 State 2H Vertical (TVD) Reference: SITE 3392.9
 Well: 2H Section (VS) Reference: Well (0.00N,0.00E,359 68Azi)
 Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy Start Date: 10/31/2011
 Company: Weatherford International Ltd. Engineer: Patrick Rudolph
 Tool: MWD;MWD - Standard Tied-to: User Defined
 Field: Eddy Co, NM (Nad 27)
 Map System: US State Plane Coordinate System 1927 Map Zone: New Mexico, Eastern Zone
 Geo Datum: NAD27 (Clarke 1866) Coordinate System: Well Centre
 Sys Datum: Mean Sea Level Geomagnetic Model: IGRF2010
 Site: Conoco 10 State 2H

Site Position: Northing: 607384.50 ft Latitude: 32 40 10.276 N
 From: Map Easting: 581473.90 ft Longitude: 104 4 6.846 W
 Position Uncertainty: 0.00 ft North Reference: Grid
 Ground Level: 3367.90 ft Grid Convergence: 0 14 deg

Well: 2H Slot Name:
 Well Position: +N-S 0.00 ft Northing: 607384.50 ft Latitude: 32 40 10.276 N
 +E-W 0.00 ft Easting: 581473.90 ft Longitude: 104 4 6.846 W
 Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
 Current Datum: SITE Height 3392.90 ft Tie-on Depth: 0.00 ft
 Magnetic Data: 11/1/2011 Above System Datum: Mean Sea Level
 Field Strength: 48817 nT Declination: 7.80 deg
 Vertical Section: Depth From (TVD) +N-S Mag Dip Angle: 60.50 deg
 ft +E-W Direction
 0.00 0.00 0.00 359 68

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
223.29	0.40	119.35	223.28	0.70	2.01	0.00	0.69	607385.20	581475.91	Tie on Gyro First Wft Svy
367.00	0.18	250.12	366.99	0.38	2.23	0.37	0.36	607384.88	581476.13	
461.00	0.05	225.65	460.99	0.30	2.07	0.14	0.29	607384.80	581475.97	
960.00	0.92	55.90	959.97	2.39	5.23	0.19	2.36	607386.89	581479.13	
1463.00	0.60	22.02	1462.92	7.10	9.56	0.11	7.04	607391.60	581483.46	
1966.00	0.60	356.29	1965.90	12.17	10.38	0.05	12.11	607396.67	581484.28	
2289.00	0.65	193.40	2288.89	12.07	9.84	0.38	12.02	607396.57	581483.74	
2818.00	0.30	296.43	2817.88	9.77	7.91	0.15	9.73	607394.27	581481.81	
2977.00	0.30	304.14	2976.88	10.19	7.19	0.03	10.15	607394.69	581481.09	
3145.00	0.32	304.44	3144.87	10.70	6.44	0.01	10.67	607395.20	581480.34	
3240.00	0.47	301.40	3239.87	11.05	5.89	0.16	11.02	607395.55	581479.79	
3335.00	0.39	311.29	3334.87	11.47	5.31	0.11	11.44	607395.97	581479.21	
3430.00	0.36	304.37	3429.87	11.85	4.82	0.06	11.83	607396.35	581478.72	
3524.00	0.36	313.07	3523.86	12.22	4.36	0.06	12.20	607396.72	581478.26	
3619.00	0.52	289.69	3618.86	12.57	3.74	0.25	12.55	607397.07	581477.64	
3714.00	0.91	306.44	3713.85	13.16	2.73	0.46	13.15	607397.66	581476.63	
3808.00	1.39	302.16	3807.83	14.21	1.16	0.52	14.21	607398.71	581475.06	
3903.00	1.39	296.25	3902.81	15.34	-0.85	0.15	15.34	607399.84	581473.05	
3998.00	1.41	301.66	3997.78	16.46	-2.88	0.14	16.48	607400.96	581471.02	
4093.00	0.90	263.82	4092.76	16.99	-4.61	0.94	17.02	607401.49	581469.29	
4188.00	1.17	261.79	4187.74	16.77	-6.31	0.29	16.81	607401.27	581467.59	
4282.00	1.23	229.29	4281.72	15.98	-8.03	0.72	16.02	607400.48	581465.87	
4377.00	1.25	200.79	4376.70	14.35	-9.17	0.64	14.40	607398.85	581464.73	
4472.00	0.91	195.44	4471.69	12.65	-9.74	0.37	12.70	607397.15	581464.16	



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Occidental Permian Ltd.
Field: Eddy Co, NM (Nad 27)
Site: Conoco 10 State 2H
Well: 2H
Wellpath: 1

Date: 12/7/2011 Time: 13:21:49 Page: 2
Co-ordinate(NE) Reference: Well: 2H, Gnd North
Vertical (TVD) Reference: SITE 3392.9
Section (VS) Reference: Well (0.00N,0.00E,359.68Azi)
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
4567.00	0.86	173.94	4566.68	11.21	-9.86	0.35	11.27	607395.71	581464.04	
4662.00	0.86	171.68	4661.66	9.80	-9.69	0.04	9.85	607394.30	581464.21	
4756.00	0.64	185.90	4755.66	8.58	-9.64	0.30	8.63	607393.08	581464.26	
4851.00	0.49	209.63	4850.65	7.70	-9.89	0.29	7.75	607392.20	581464.01	
4943.00	0.30	229.80	4942.65	7.20	-10.27	0.25	7.26	607391.70	581463.63	
5038.00	0.30	262.03	5037.65	7.01	-10.71	0.18	7.06	607391.51	581463.19	
5133.00	0.75	271.66	5132.64	6.99	-11.58	0.48	7.05	607391.49	581462.32	
5227.00	0.65	280.69	5226.64	7.11	-12.71	0.16	7.18	607391.61	581461.19	
5322.00	0.61	282.68	5321.63	7.32	-13.74	0.05	7.39	607391.82	581460.16	
5417.00	0.55	296.13	5416.63	7.63	-14.64	0.16	7.71	607392.13	581459.26	
5512.00	1.15	316.41	5511.62	8.52	-15.71	0.70	8.61	607393.02	581458.19	
5606.00	0.61	359.07	5605.61	9.70	-16.37	0.87	9.79	607394.20	581457.53	
5701.00	0.79	47.43	5700.60	10.65	-15.89	0.63	10.74	607395.15	581458.01	
5796.00	1.29	117.06	5795.59	10.61	-14.46	1.32	10.69	607395.11	581459.44	
5891.00	0.84	138.83	5890.57	9.60	-13.05	0.63	9.67	607394.10	581460.85	
5985.00	0.18	333.34	5984.57	9.21	-12.66	1.08	9.28	607393.71	581461.24	
6079.00	0.18	313.59	6078.57	9.44	-12.83	0.07	9.52	607393.94	581461.07	
6173.00	0.40	311.90	6172.57	9.77	-13.18	0.23	9.84	607394.27	581460.72	
6268.00	0.69	303.54	6267.56	10.30	-13.91	0.32	10.38	607394.80	581459.99	
6363.00	0.20	283.71	6362.56	10.66	-14.54	0.53	10.74	607395.16	581459.36	
6457.00	0.36	275.98	6456.56	10.73	-15.00	0.17	10.81	607395.23	581458.90	
6552.00	0.50	292.80	6551.55	10.92	-15.68	0.20	11.01	607395.42	581458.22	
6645.00	0.32	297.71	6644.55	11.20	-16.28	0.20	11.29	607395.70	581457.62	
6740.00	0.60	238.43	6739.55	11.06	-16.94	0.54	11.15	607395.56	581456.96	
6835.00	0.94	135.57	6834.54	10.24	-16.82	1.29	10.34	607394.74	581457.08	
6932.00	0.80	187.81	6931.53	9.00	-16.35	0.80	9.10	607393.50	581457.55	
7027.00	1.05	199.88	7026.52	7.53	-16.74	0.33	7.62	607392.03	581457.16	
7121.00	1.08	212.10	7120.51	5.97	-17.50	0.24	6.07	607390.47	581456.40	
7184.00	1.15	252.04	7183.49	5.27	-18.42	1.21	5.37	607389.77	581455.48	
7216.00	2.13	264.81	7215.48	5.12	-19.32	3.25	5.23	607389.62	581454.58	
7248.00	3.05	280.44	7247.45	5.22	-20.75	3.60	5.33	607389.72	581453.15	
7280.00	4.59	294.23	7279.38	5.90	-22.75	5.57	6.02	607390.40	581451.15	
7312.00	7.64	300.63	7311.19	7.51	-25.75	9.75	7.65	607392.01	581448.15	
7343.00	11.63	304.93	7341.75	10.35	-30.09	13.07	10.52	607394.85	581443.81	
7375.00	14.21	311.33	7372.94	14.79	-35.68	9.21	14.99	607399.29	581438.22	
7406.00	15.24	318.72	7402.92	20.37	-41.23	6.90	20.59	607404.87	581432.67	
7437.00	16.57	323.84	7432.74	27.00	-46.52	6.23	27.25	607411.50	581427.38	
7468.00	18.87	329.66	7462.27	34.89	-51.67	9.36	35.18	607419.39	581422.23	
7499.00	21.52	335.67	7491.36	44.40	-56.54	10.85	44.72	607428.90	581417.36	
7531.00	23.66	341.31	7520.91	55.84	-61.02	9.51	56.17	607440.34	581412.88	
7562.00	26.22	344.06	7549.01	68.32	-64.89	9.06	68.68	607452.82	581409.01	
7594.00	29.59	346.67	7577.29	82.81	-68.66	11.20	83.19	607467.31	581405.24	
7625.00	31.23	348.87	7604.03	98.14	-71.97	6.39	98.54	607482.64	581401.93	
7657.00	33.09	351.66	7631.12	114.93	-74.84	7.44	115.34	607499.43	581399.06	
7688.00	35.06	355.28	7656.79	132.18	-76.80	9.12	132.60	607516.68	581397.10	
7720.00	36.71	359.23	7682.72	150.90	-77.69	8.88	151.33	607535.40	581396.21	
7751.00	39.04	3.10	7707.20	169.92	-77.28	10.73	170.35	607554.42	581396.62	
7783.00	41.34	3.69	7731.64	190.53	-76.06	7.29	190.95	607575.03	581397.84	
7814.00	44.32	2.84	7754.37	211.57	-74.86	9.79	211.98	607596.07	581399.04	
7846.00	46.65	3.14	7776.80	234.36	-73.67	7.31	234.76	607618.86	581400.23	
7877.00	48.85	2.87	7797.65	257.27	-72.47	7.13	257.67	607641.77	581401.43	
7909.00	51.77	2.72	7818.08	281.86	-71.27	9.13	282.25	607666.36	581402.63	



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Occidental Permian Ltd.
Field: Eddy Co, NM (Nad 27)
Site: Conoco 10 State 2H
Well: 2H
Wellpath: 1

Date: 12/7/2011 Time: 13:21:49 Page: 3
Co-ordinate(NE) Reference: Well: 2H, Grd North
Vertical (TVD) Reference: SITE 3392.9
Section (VS) Reference: Well (0.00N,0.00E,359.68Azi)
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
7940.00	54.98	1.85	7836.57	306.72	-70.28	10.60	307.10	607691.22	581403.62	
7972.00	58.57	1.70	7854.10	333.47	-69.45	11.23	333.85	607717.97	581404.45	
8004.00	61.71	1.64	7870.03	361.21	-68.65	9.81	361.58	607745.71	581405.25	
8035.00	65.36	1.64	7883.85	388.94	-67.85	11.77	389.31	607773.44	581406.05	
8067.00	68.79	1.69	7896.31	418.40	-67.00	10.72	418.76	607802.90	581406.90	
8098.00	71.77	1.89	7906.77	447.56	-66.08	9.63	447.92	607832.06	581407.82	
8130.00	74.54	2.09	7916.04	478.17	-65.02	8.68	478.52	607862.67	581408.88	
8162.00	77.40	2.70	7923.80	509.18	-63.72	9.13	509.53	607893.68	581410.18	
8193.00	78.84	3.03	7930.18	539.48	-62.20	4.76	539.82	607923.98	581411.70	
8225.00	79.77	2.97	7936.12	570.88	-60.56	2.91	571.21	607955.38	581413.34	
8257.00	81.47	3.19	7941.33	602.41	-58.86	5.36	602.72	607986.91	581415.04	
8288.00	83.72	3.55	7945.33	633.09	-57.06	7.35	633.40	608017.59	581416.84	
8319.00	86.04	3.45	7948.09	663.91	-55.17	7.49	664.20	608048.41	581418.73	
8351.00	89.05	3.20	7949.47	695.82	-53.32	9.44	696.11	608080.32	581420.58	
8383.00	89.83	2.84	7949.78	727.78	-51.63	2.68	728.05	608112.28	581422.27	
8477.00	90.45	2.94	7949.55	821.65	-46.89	0.67	821.90	608206.15	581427.01	
8572.00	91.16	3.50	7948.21	916.49	-41.56	0.95	916.71	608300.99	581432.34	
8667.00	91.15	3.33	7946.30	1011.31	-35.90	0.18	1011.49	608395.81	581438.00	
8762.00	90.32	3.47	7945.08	1106.13	-30.26	0.89	1106.28	608490.63	581443.64	
8857.00	89.55	2.96	7945.19	1200.98	-24.94	0.97	1201.10	608585.48	581448.96	
8951.00	89.41	1.41	7946.04	1294.91	-21.35	1.66	1295.00	608679.41	581452.55	
9046.00	90.03	1.38	7946.51	1389.88	-19.04	0.65	1389.96	608774.38	581454.86	
9141.00	89.90	1.22	7946.56	1484.85	-16.89	0.22	1484.92	608869.35	581457.01	
9235.00	89.33	0.54	7947.19	1578.84	-15.44	0.94	1578.90	608963.34	581458.46	
9329.00	88.15	359.63	7949.26	1672.81	-15.30	1.59	1672.87	609057.31	581458.60	
9424.00	88.29	359.79	7952.21	1767.76	-15.78	0.22	1767.82	609152.26	581458.12	
9518.00	88.92	0.01	7954.50	1861.74	-15.95	0.71	1861.80	609246.24	581457.95	
9613.00	89.68	0.05	7955.66	1956.73	-15.90	0.80	1956.79	609341.23	581458.00	
9708.00	89.96	0.38	7955.96	2051.73	-15.54	0.46	2051.78	609436.23	581458.36	
9802.00	90.31	1.09	7955.74	2145.72	-14.33	0.84	2145.76	609530.22	581459.57	
9897.00	90.31	0.32	7955.22	2240.71	-13.17	0.81	2240.75	609625.21	581460.73	
9991.00	90.38	0.23	7954.66	2334.71	-12.71	0.12	2334.74	609719.21	581461.19	
10086.00	90.95	359.67	7953.56	2429.70	-12.80	0.84	2429.73	609814.20	581461.10	
10180.00	90.39	359.48	7952.46	2523.69	-13.49	0.63	2523.72	609908.19	581460.41	
10275.00	89.62	359.57	7952.45	2618.68	-14.28	0.82	2618.72	610003.18	581459.62	
10370.00	89.82	359.37	7952.91	2713.68	-15.16	0.30	2713.72	610098.18	581458.74	
10465.00	90.11	359.63	7952.97	2808.68	-15.99	0.41	2808.72	610193.18	581457.91	
10559.00	90.32	359.87	7952.62	2902.67	-16.40	0.34	2902.72	610287.17	581457.50	
10654.00	90.55	359.97	7951.90	2997.67	-16.53	0.26	2997.72	610382.17	581457.37	
10749.00	89.55	359.54	7951.81	3092.67	-16.94	1.15	3092.72	610477.17	581456.96	
10844.00	89.89	359.76	7952.28	3187.67	-17.52	0.43	3187.71	610572.17	581456.38	
10939.00	90.03	359.72	7952.34	3282.66	-17.95	0.15	3282.71	610667.16	581455.95	
11033.00	90.67	0.32	7951.77	3376.66	-17.92	0.93	3376.71	610761.16	581455.98	
11128.00	89.97	359.60	7951.24	3471.66	-17.98	1.06	3471.71	610856.16	581455.92	
11223.00	90.03	0.26	7951.24	3566.66	-18.10	0.70	3566.70	610951.16	581455.80	
11318.00	90.45	0.41	7950.84	3661.66	-17.54	0.47	3661.70	611046.16	581456.36	
11412.00	89.97	359.99	7950.50	3755.65	-17.22	0.68	3755.69	611140.15	581456.68	
11507.00	90.10	359.48	7950.44	3850.65	-17.66	0.55	3850.69	611235.15	581456.24	
11602.00	90.03	359.77	7950.33	3945.65	-18.28	0.31	3945.69	611330.15	581455.62	
11697.00	90.32	359.84	7950.04	4040.65	-18.60	0.31	4040.69	611425.15	581455.30	
11791.00	90.46	0.21	7949.40	4134.65	-18.56	0.42	4134.69	611519.15	581455.34	
11886.00	90.52	0.31	7948.59	4229.64	-18.13	0.12	4229.68	611614.14	581455.77	
11946.00	90.81	0.62	7947.89	4289.64	-17.64	0.71	4289.67	611674.14	581456.26	Last Wft Svy



Weatherford International Ltd.
WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 12/7/2011	Time: 13:21:49	Page: 4
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well: 2H, Grid North		
Site: Conoco 10 State 2H	Vertical (TVD) Reference: SITE 3392.9		
Well: 2H	Section (VS) Reference: Well (0.00N,0.00E,359.68Azi)		
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
12015.00	90.81	0 62	7946.92	4358.63	-16.90	0.00	4358.65	611743.13	581457.00	Proj. to Bit

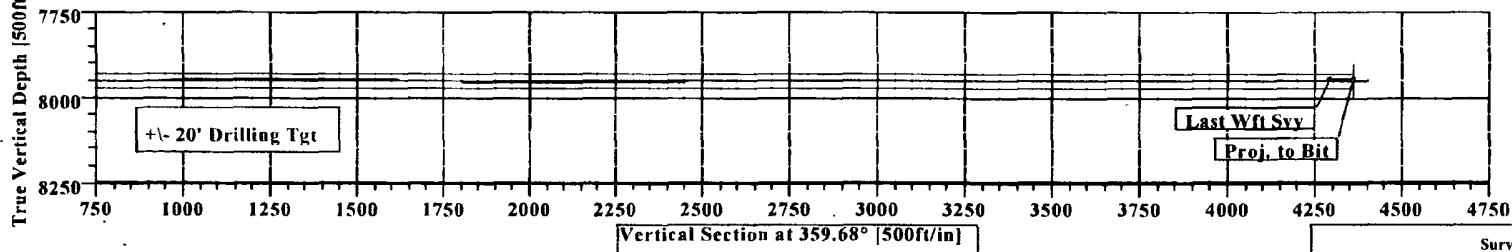
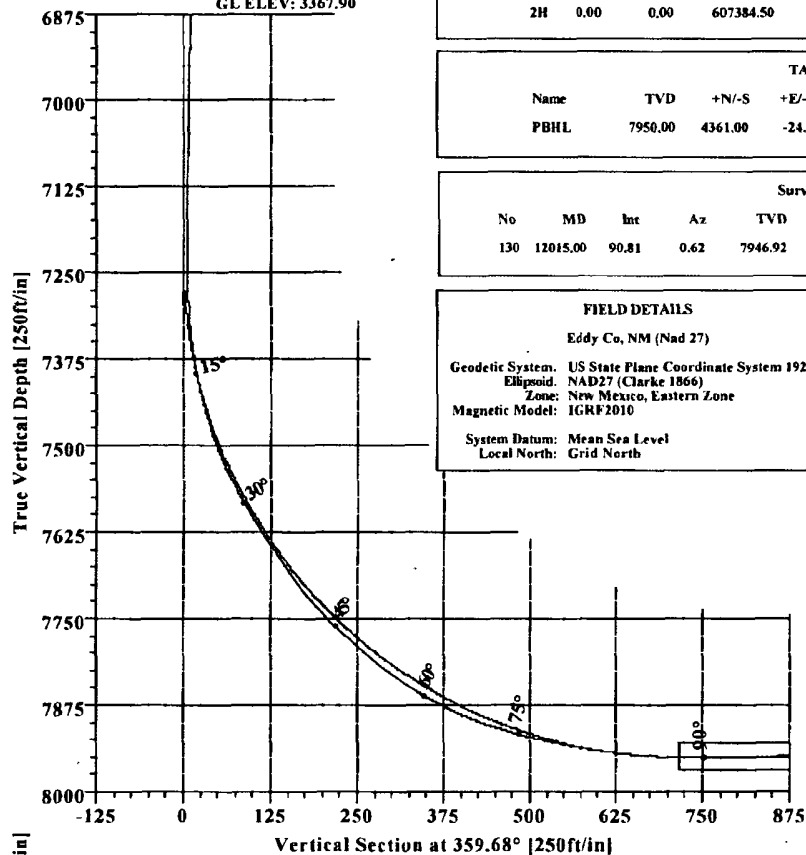
Annotation

MD ft	TVD ft	
223.29	223.28	Tie on Gyro
367.00	366.99	First Wft Svy
11946.00	7947.89	Last Wft Svy
12015.00	7946.92	Proj. to Bit



Conoco 10 State Com 2H
Eddy Co, NM

KB ELEV: 3392.90
GL ELEV: 3367.90



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	359.68	0.00	0.00	0.00	0.00	0.00	0.00	
2	7233.80	0.00	359.68	7233.80	0.00	0.00	0.00	0.00	0.00	
3	8358.80	90.00	359.68	7950.00	716.19	-3.97	8.00	359.68	716.20	
4	12003.67	90.00	359.68	7950.00	4361.00	-24.20	0.00	0.00	4361.07	PBHL

WELL DETAILS

Name+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
2H 0.00	0.00	607384.50	581473.90	32°40'10.276N	104°04'06.846W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	7950.00	4361.00	-24.20	611745.50	581449.70	Rectangle (3645x0)

Survey: Wft Svy (2H/1)

No	MD	Int	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
130	12015.00	90.81	0.62	7946.92	4358.63	-16.90	0.00	180.00	4358.65

FIELD DETAILS

Eddy Co, NM (Nad 27)

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010

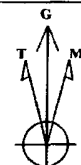
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

Conoco 10 State 2H

Site Centre Northing: 607384.50
Easting: 581473.90

Ground Level: 3367.90
Positional Uncertainty: 0.00
Convergence: 0.14

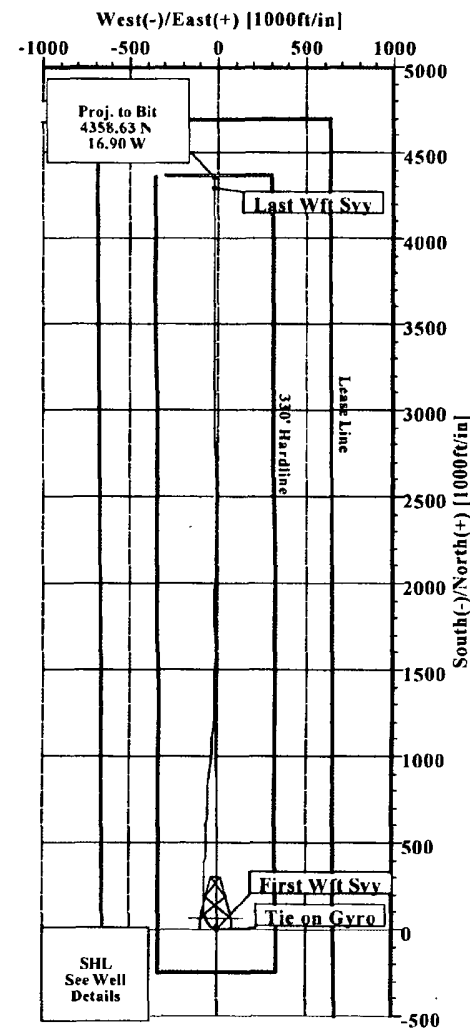


Azimuths to Grid North
True North: -0.14°
Magnetic North: 7.66°

Magnetic Field
Strength: 48817nT
Dip Angle: 60.50°
Date: 11/1/2011
Model: IGRF2010
Total Correction to Grid North: 7.66°

LEGEND

2H, 1, Plan #4
Wft Svy



Weatherford

Survey: Wft Svy (2H/1)

Created By: Patrick Rudolph

Date: 12/7/2011