

30-015-37959



Occidental Permian Ltd.
Lost Tank 10 Fed #1
Eddy Co, NM

KB ELEV: 3522.10
 GL ELEV: 3505.60

RECEIVED
 JUN 09 2011
 NMOCD ARTESIA

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	212.27	0.00	0.00	0.00	0.00	0.00	0.00	
2	4200.00	0.00	212.27	4200.00	0.00	0.00	0.00	0.00	0.00	
3	5275.24	21.50	212.27	5250.17	-168.62	-106.49	2.00	212.27	199.43	
4	8478.02	21.50	212.27	8230.00	-1161.30	-733.40	0.00	0.00	1373.50	Pbhl

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Lost Tank 10 Fed #1	0.00	0.00	514900.60	677702.00	32°24'51.335N	103°45'26.969W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	8230.00	-1161.30	-733.40	513739.30	676968.60	Point

Survey: Wft Svy (Lost Tank 10 Fed #1/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
77	8492.00	20.94	219.63	8230.56	-1141.10	-770.77	0.00	0.00	1376.37

SITE DETAILS

Lost Tank 10 Fed #1 Pad
 Site Centre Northing: 514900.60
 Easting: 677702.00
 Ground Level: 3505.60
 Positional Uncertainty: 0.00
 Convergence: 0.31

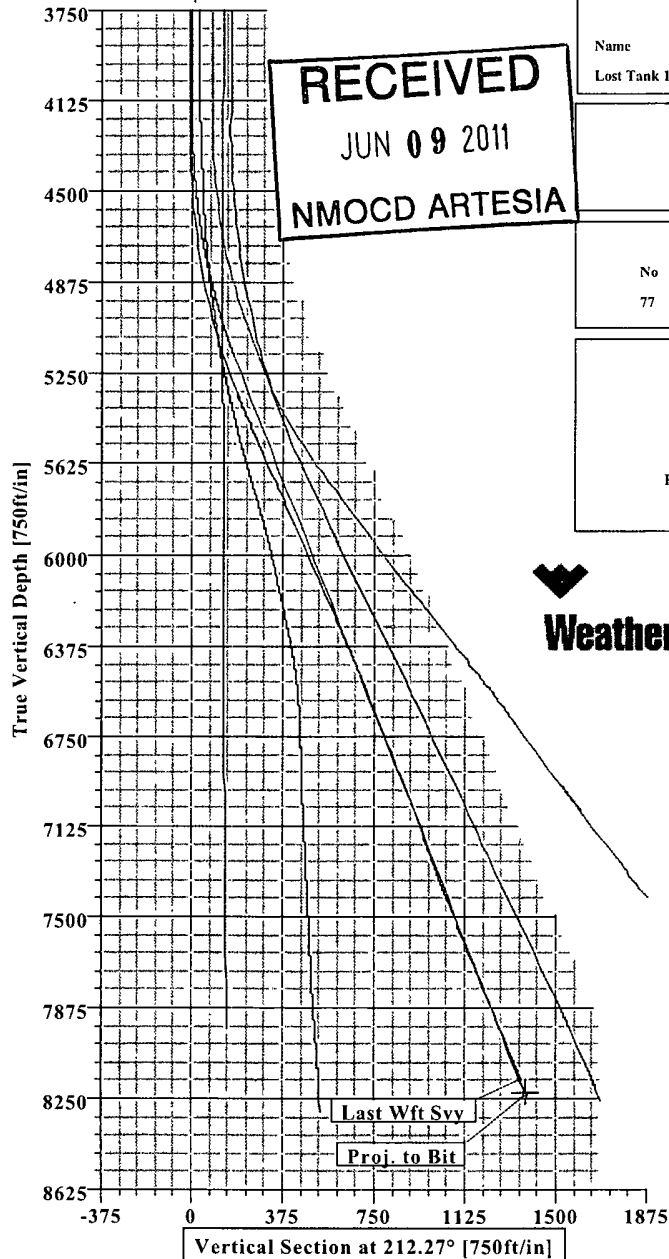
FIELD DETAILS

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

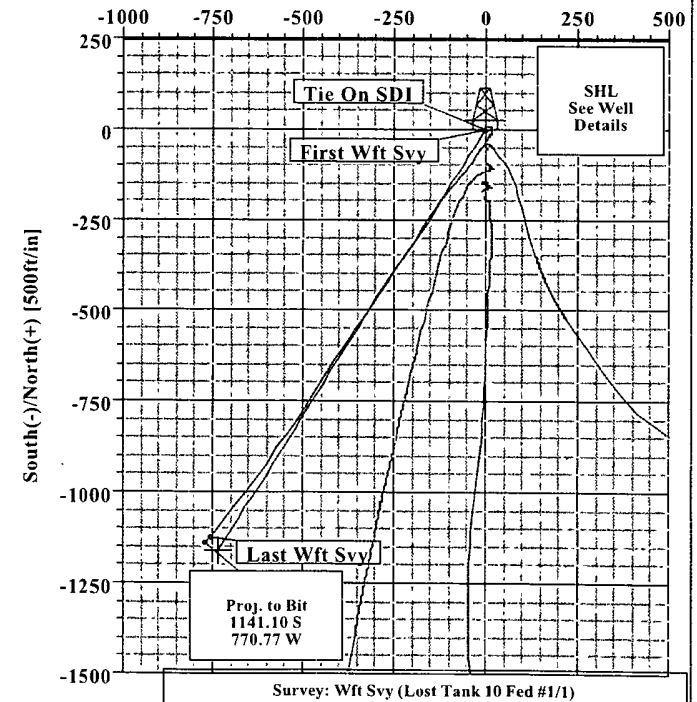
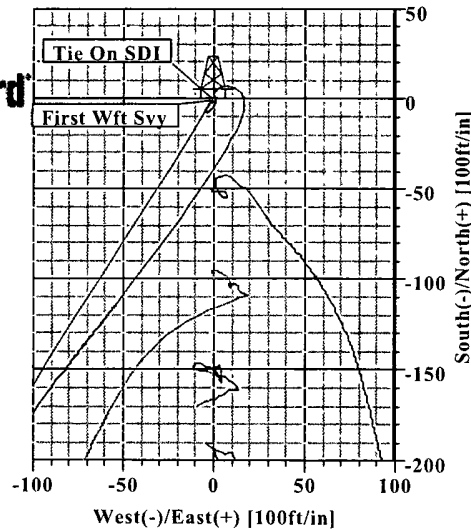
LEGEND

Lost Tank 10 Fed #1, Plan #1
 Lost Tank 10 Fed #4 (1)
 Lost Tank 10 Fed #5 (1)
 Lost Tank 11 Fed #1 (1)
 Lost Tank 3 Fed #24 (1)
 Wft Svy

West(-)/East(+) [500ft/in]



Weatherford



Survey: Wft Svy (Lost Tank 10 Fed #1/1)

Created By: Keith Noack

Date: 2/21/2011



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WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 2/21/2011	Time: 06:54:05	Page: 1
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well: Lost Tank 10 Fed #1, Grid North		
Site: Lost Tank 10 Fed #1 Pad	Vertical (TVD) Reference: SITE 3522.1		
Well: Lost Tank 10 Fed #1	Section (VS) Reference: Well (0.00N,0.00E,212.27Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature Db: Sybase		

Survey: Wft Svy	Start Date: 2/11/2011
Company: Weatherford International Ltd.	Engineer: Russell W. Joyner
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: Lost Tank 10 Fed #1 Pad	
Site Position:	Northing: 514900.60 ft
From: Map	Easting: 677702.00 ft
Position Uncertainty: 0.00 ft	Latitude: 32 24 51.335 N
Ground Level: 3505.60 ft	Longitude: 103 45 26.969 W
	North Reference: Grid
	Grid Convergence: 0.31 deg

Well: Lost Tank 10 Fed #1	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 32 24 51.335 N
+E/-W 0.00 ft	Longitude: 103 45 26.969 W
Position Uncertainty: 0.00 ft	

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 2/4/2011	Above System Datum: Mean Sea Level
Field Strength: 48772 nT	Declination: 7.73 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.34 deg
ft	+N/-S
	ft
0.00	0.00
	0.00
	212.27

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		
664.70	0.04	306.32	664.72	-0.82	0.48	0.00	0.44	514899.78	677702.48	Tie On SDI	
721.00	0.04	328.68	721.02	-0.79	0.45	0.03	0.43	514899.81	677702.45	Csg	
778.00	0.05	346.62	778.02	-0.75	0.43	0.03	0.40	514899.85	677702.43	First Wft Svy	
914.00	0.25	170.50	914.02	-0.98	0.47	0.22	0.58	514899.62	677702.47		
1049.00	0.18	234.63	1049.02	-1.40	0.34	0.17	1.00	514899.20	677702.34		
1184.00	0.40	241.85	1184.02	-1.74	-0.25	0.16	1.60	514898.86	677701.75		
1320.00	0.42	229.87	1320.01	-2.29	-1.05	0.06	2.49	514898.31	677700.95		
1455.00	0.46	222.22	1455.01	-3.01	-1.79	0.05	3.50	514897.59	677700.21		
1590.00	0.64	219.21	1590.00	-3.99	-2.63	0.13	4.78	514896.61	677699.37		
1725.00	0.39	229.53	1725.00	-4.88	-3.45	0.20	5.97	514895.72	677698.55		
1861.00	0.32	199.63	1861.00	-5.53	-3.93	0.14	6.78	514895.07	677698.07		
1996.00	0.45	165.58	1995.99	-6.40	-3.93	0.19	7.51	514894.20	677698.07		
2131.00	0.27	181.24	2130.99	-7.23	-3.80	0.15	8.15	514893.37	677698.20		
2266.00	0.20	162.63	2265.99	-7.78	-3.74	0.08	8.57	514892.82	677698.26		
2401.00	0.30	63.41	2400.99	-7.84	-3.35	0.29	8.42	514892.76	677698.65		
2536.00	0.60	49.54	2535.98	-7.23	-2.50	0.23	7.44	514893.37	677699.50		
2673.00	0.86	37.79	2672.97	-5.95	-1.32	0.22	5.74	514894.65	677700.68		
2808.00	0.88	37.60	2807.96	-4.33	-0.07	0.01	3.70	514896.27	677701.93		
2943.00	0.96	29.64	2942.94	-2.52	1.12	0.11	1.53	514898.08	677703.12		
3078.00	0.53	348.26	3077.93	-0.93	1.55	0.49	-0.05	514899.67	677703.55		
3214.00	0.81	331.32	3213.92	0.53	0.96	0.25	-0.96	514901.13	677702.96		
3349.00	0.49	336.83	3348.91	1.90	0.28	0.24	-1.76	514902.50	677702.28		
3484.00	0.47	33.97	3483.91	2.89	0.36	0.34	-2.64	514903.49	677702.36		
3619.00	0.74	36.59	3618.90	4.05	1.19	0.20	-4.06	514904.65	677703.19		



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WFT Survey Report X & Y's



Weatherford®

Company: Occidental Permian Ltd.	Date: 2/21/2011	Time: 06:54:05	Page: 2
Field: Eddy Co. NM (Nad 27)	Co-ordinate (NE) Reference: Well: Lost Tank 10 Fed #1 Grid North		
Site: Lost Tank 10 Fed #1 Pad	Vertical (TVD) Reference: SITE 3522.1		
Well: Lost Tank 10 Fed #1	Section (VS) Reference: Well (0.00N 0.00E 212.27Azi)		
Wellpath: 1	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	
3755.00	1.58	64.94	3754.87	5.55	3.41	0.73	-6.51	514906.15	677705.41	
3890.00	1.99	84.22	3889.81	6.57	7.43	0.53	-9.52	514907.17	677709.43	
4025.00	1.47	114.02	4024.75	6.10	11.34	0.76	-11.22	514906.70	677713.34	
4185.00	1.35	137.84	4184.70	3.87	14.49	0.37	-11.01	514904.47	677716.49	Csg
4237.00	1.37	145.94	4236.68	2.90	15.25	0.37	-10.59	514903.50	677717.25	
4282.00	1.92	143.02	4281.67	1.85	16.00	1.24	-10.11	514902.45	677718.00	
4327.00	2.21	164.45	4326.64	0.41	16.69	1.82	-9.26	514901.01	677718.69	
4372.00	2.65	172.29	4371.60	-1.46	17.06	1.22	-7.88	514899.14	677719.06	
4417.00	3.46	183.88	4416.53	-3.84	17.11	2.25	-5.89	514896.76	677719.11	
4462.00	3.91	197.40	4461.44	-6.66	16.56	2.17	-3.21	514893.94	677718.56	
4507.00	4.49	198.61	4506.32	-9.79	15.54	1.30	-0.02	514890.81	677717.54	
4552.00	5.42	200.33	4551.15	-13.46	14.24	2.09	3.78	514887.14	677716.24	
4597.00	6.49	205.25	4595.91	-17.75	12.41	2.63	8.38	514882.85	677714.41	
4643.00	7.23	209.21	4641.58	-22.63	9.89	1.91	13.85	514877.97	677711.89	
4688.00	8.07	209.55	4686.18	-27.85	6.95	1.87	19.83	514872.75	677708.95	
4733.00	8.49	213.26	4730.71	-33.37	3.57	1.51	26.31	514867.23	677705.57	
4778.00	8.90	213.56	4775.19	-39.05	-0.17	0.92	33.11	514861.55	677701.83	
4823.00	9.77	212.37	4819.60	-45.18	-4.14	1.98	40.41	514855.42	677697.86	
4868.00	11.00	213.52	4863.86	-51.98	-8.56	2.77	48.52	514848.62	677693.44	
4913.00	11.57	215.49	4907.99	-59.23	-13.55	1.53	57.32	514841.37	677688.45	
4958.00	12.71	215.89	4951.98	-66.92	-19.07	2.54	66.76	514833.68	677682.93	
5003.00	13.80	216.36	4995.78	-75.25	-25.16	2.43	77.06	514825.35	677676.84	
5048.00	14.49	217.12	5039.42	-84.06	-31.74	1.59	88.02	514816.54	677670.26	
5093.00	15.14	215.92	5082.92	-93.31	-38.58	1.60	99.50	514807.29	677663.42	
5138.00	16.10	217.03	5126.26	-103.05	-45.79	2.23	111.58	514797.55	677656.21	
5183.00	17.32	216.87	5169.36	-113.39	-53.56	2.71	124.47	514787.21	677648.44	
5229.00	18.90	218.28	5213.08	-124.72	-62.29	3.56	138.71	514775.88	677639.71	
5274.00	20.18	219.20	5255.48	-136.46	-71.71	2.93	153.66	514764.14	677630.29	
5319.00	21.49	218.14	5297.54	-148.95	-81.70	3.03	169.57	514751.65	677620.30	
5364.00	22.30	216.40	5339.30	-162.31	-91.86	2.31	186.28	514738.29	677610.14	
5499.00	23.21	215.49	5463.79	-204.59	-122.51	0.72	238.39	514696.01	677579.49	
5634.00	24.02	212.72	5587.48	-249.36	-152.80	1.02	292.43	514651.24	677549.20	
5769.00	24.45	213.97	5710.59	-295.65	-183.27	0.50	347.83	514604.95	677518.73	
5860.00	23.90	213.63	5793.61	-326.62	-204.00	0.62	385.09	514573.98	677498.00	
5950.00	24.20	214.32	5875.79	-357.03	-224.50	0.46	421.75	514543.57	677477.50	
6040.00	24.14	215.10	5957.90	-387.33	-245.48	0.36	458.56	514513.27	677456.52	
6130.00	23.68	213.61	6040.18	-417.43	-266.07	0.84	495.01	514483.17	677435.93	
6265.00	23.79	213.42	6163.76	-462.74	-296.07	0.10	549.34	514437.86	677405.93	
6400.00	23.55	211.76	6287.41	-508.40	-325.26	0.52	603.53	514392.20	677376.74	
6535.00	22.70	214.03	6411.56	-552.92	-354.04	0.91	656.54	514347.68	677347.96	
6670.00	21.78	213.99	6536.52	-595.27	-382.62	0.68	707.61	514305.33	677319.38	
6805.00	21.39	213.43	6662.05	-636.58	-410.18	0.33	757.26	514264.02	677291.82	
6940.00	21.59	212.85	6787.66	-678.00	-437.22	0.22	806.71	514222.60	677264.78	
7075.00	21.13	212.52	6913.39	-719.38	-463.77	0.35	855.88	514181.22	677238.23	
7210.00	20.65	213.42	7039.52	-759.76	-489.96	0.43	904.01	514140.84	677212.04	
7346.00	20.50	214.14	7166.84	-799.49	-516.53	0.22	951.79	514101.11	677185.47	
7481.00	19.79	215.48	7293.58	-837.67	-543.07	0.63	998.23	514062.93	677158.93	
7616.00	22.03	214.90	7419.68	-877.05	-570.82	1.67	1046.35	514023.55	677131.18	
7751.00	22.67	214.43	7544.54	-919.27	-600.02	0.49	1097.64	513981.33	677101.98	
7886.00	22.39	216.14	7669.24	-961.49	-629.89	0.53	1149.29	513939.11	677072.11	
8021.00	22.85	217.45	7793.86	-1003.07	-660.99	0.51	1201.05	513897.53	677041.01	
8156.00	22.03	217.83	7918.63	-1043.88	-692.46	0.62	1252.35	513856.72	677009.54	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 2/21/2011	Time: 06:54:05	Page: 3
Field: Eddy Co. NM (Nad 27)	Co-ordinate(NE) Reference: Well: Lost-Tank 10 Fed #1 Grid North		
Site: Lost-Tank 10 Fed #1 Pad	Vertical (TVD) Reference: SITE 3522.1		
Well: Lost-Tank 10 Fed #1	Section (VS) Reference: Well (0.00N;0.00E,212.27Azi)		
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
8291.00	22 54	218.65	8043 55	-1084.08	-724.15	0.44	1303 27	513816 52	676977.85	
8431 00	20 94	219.63	8173 59	-1124.31	-756.87	1 17	1354 75	513776 29	676945 13	Last Wft Svy
8492 00	20 94	219 63	8230 56	-1141 10	-770 77	0.00	1376.37	513759.50	676931.23	Proj to Bit

Annotation

MD ft	TVD ft	
664.70	664 72	Tie On SDI
778.00	778.02	First Wft Svy
8431 00	8173 59	Last Wft Svy
8492 00	8230.56	Proj to Bit



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: February 21, 2011

Attention: Camilo Arias

Re: Occidental Permian Ltd
Well: Lost tank 10 Fed #1
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 Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Justin Ward	1	778' MD	2/10/2011	Measurement
MWD Supervisor		8431' MD	2/19/2011	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.

Luke Schnell
Area Manager

On this, the 24th day of February, 2011, before me a notary public, the undersigned officer, personally appeared Luke Schnell, 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

