

30-015-39456

OCCIDENTAL PERMIAN LTD.

Loving Brushy
Eddy County, NM
Bank "13" Federal Com #1H
VH - Job #32K0312313

Survey: Gyro

SDI Standard Survey Report

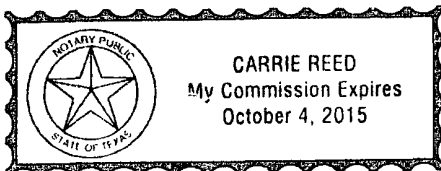
This survey is correct to the best of my knowledge and is supported by actual field data.

L. Wharton

Notarized this date 2nd of April, 2012.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.

SDI Standard Survey Report



Company:	OCCIDENTAL PERMIAN LTD	Local Co-ordinate Reference:	Well Bank "13" Federal Com #1H
Project:	Loving Brushy	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Bank "13" Federal Com #1H	North Reference:	Grid
Wellbore:	VH - Job #32K0312313	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0312313	Database:	EDM-Regulatory

Project:	Loving Brushy		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:		Eddy County, NM			
Site Position:		Northing:	472,930.81 usft	Latitude:	32° 17' 59.496 N
From:	Lat/Long	Easting:	590,965.39 usft	Longitude:	104° 2' 20.148 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.16 °

Well	Bank "13" Federal Com #1H, Directional (Weatherford)					
Well Position	+N/-S	0 0 usft	Northing:	472,930 81 usft	Latitude:	32° 17' 59.496 N
	+E/-W	0 0 usft	Easting:	590,965 39 usft	Longitude:	104° 2' 20.148 W
Position Uncertainty		0 0 usft	Wellhead Elevation:	usft	Ground Level:	0 0 usft

Wellbore		VH - Job #32K0312313			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/18/2012	7.71	60.16	48,560

Design	VH - Job #32K0312313			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	142.68

Survey Program		Date 4/10/2012		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
82.7	195.6	Gyro (VH - Job #32K0312313)	Keeper	Keeper Surface Readout

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0
82.7	0.49	112.59	82.7	-0.1	0.3	112.59	0.4
195.6	1.81	156.28	195.6	-2.0	1.5	142.68	2.5

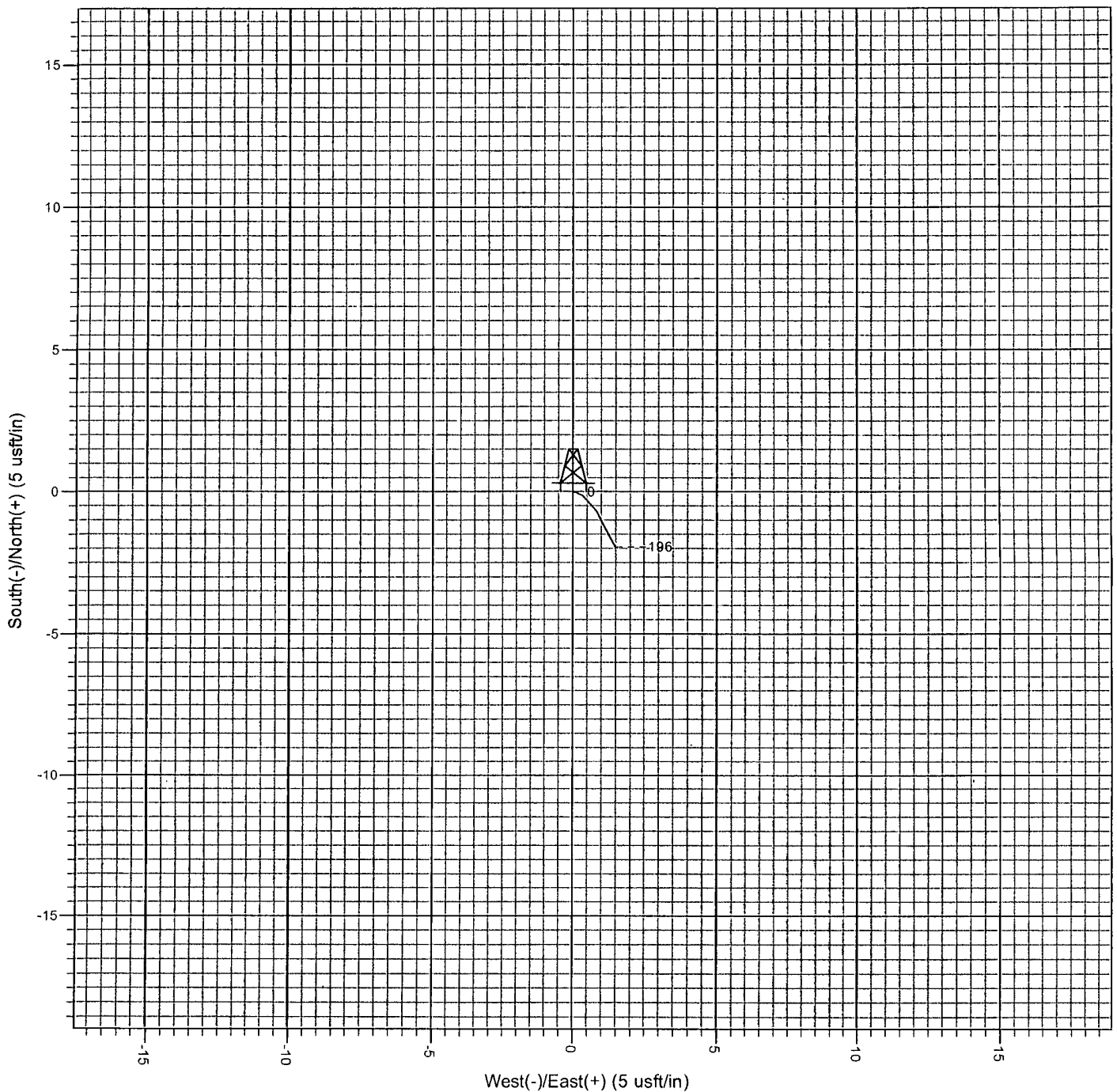


Scientific Drilling
Directional Drilling Operations

Project: Loving Brushy
Eddy County, NM
Well: Bank "13" Federal Com #1H
Wellbore: VH - Job #32K0312313
Design: VH - Job #32K0312313

WELL DETAILS: Bank "13" Federal Com #1H
WELL @ 0.0usft (Original Well Elev)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	472930.81	590965.39	32° 17' 59.496 N	104° 2' 20.148 W	



PROJECT DETAILS: Loving Brushy	SITE DETAILS: Eddy County, NM
Geodetic System: US State Plane 1927 (Exact solution)	Site Centre Latitude: 32° 17' 59.496 N
Datum: NAD 1927 (NADCON CONUS)	Longitude: 104° 2' 20.148 W
Ellipsoid: Clarke 1866	Positional Uncertainty: 0.0
Zone: New Mexico East 3001	Convergence: 0.16
System Datum: Mean Sea Level	Local North: Grid



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: April 16, 2012

Attention: Bradley Brown

Re: Occidental Permian Ltd
Well: Bank 13 Fed. #1H
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:

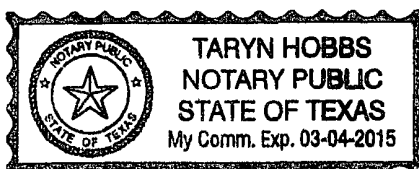
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Seth Cash	1	298' MD	3/19/2012	Measurement
MWD Supervisor		9865' MD	4/14/2012	While Drilling

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.

Jesus Aguilar
MWD Coordinator

On this, the 18th day of April, 2012, before me a notary public, the undersigned officer, personally appeared Jesus 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



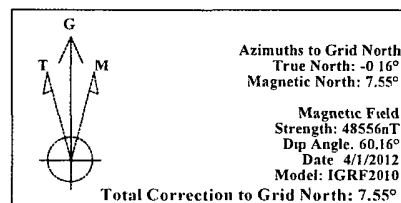
Occidental Permian Ltd.
Bank 13 Fed #1H
Eddy Co, NM

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	4.44	0.00	0.00	0.00	0.00	0.00	0.00	
2	5070.07	0.00	4.44	5070.07	0.00	0.00	0.00	0.00	0.00	
3	6570.07	90.00	4.44	6025.00	952.06	73.93	6.00	4.44	954.93	
4	9956.57	90.00	4.44	6025.00	4328.40	336.10	0.00	0.00	4341.43	PBHL

WELL DETAILS							
Name+N/-S		+E/-W	Northing	Easting	Latitude	Longitude	Slot
1H	0.00	0.00	472953.50	591241.10	32°17'59.713N	104°02'16.935W	N/A

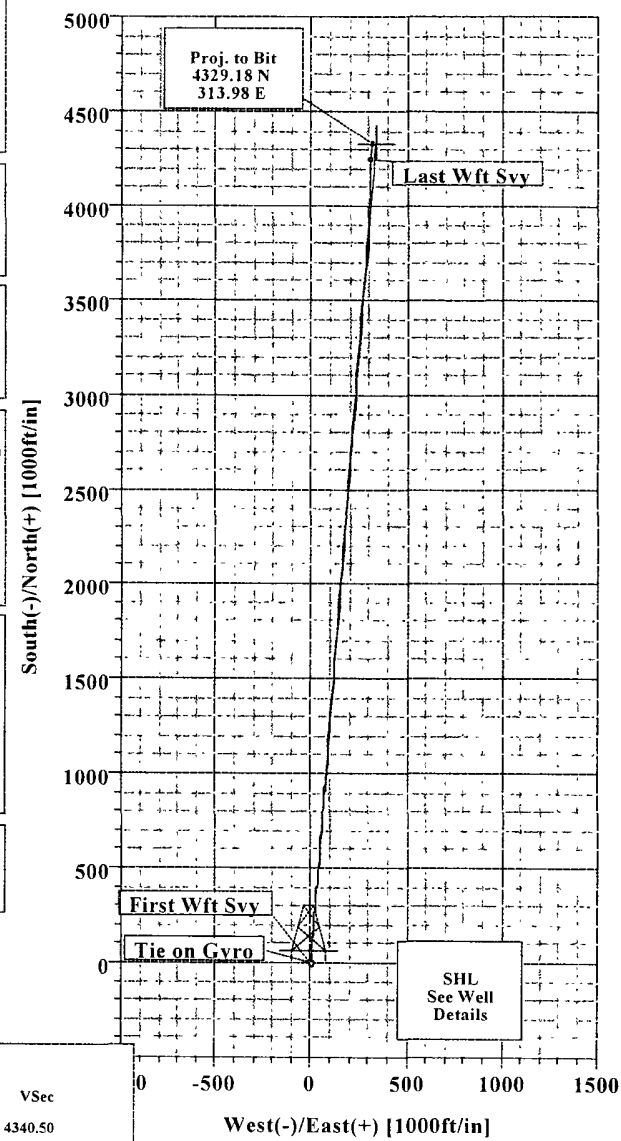
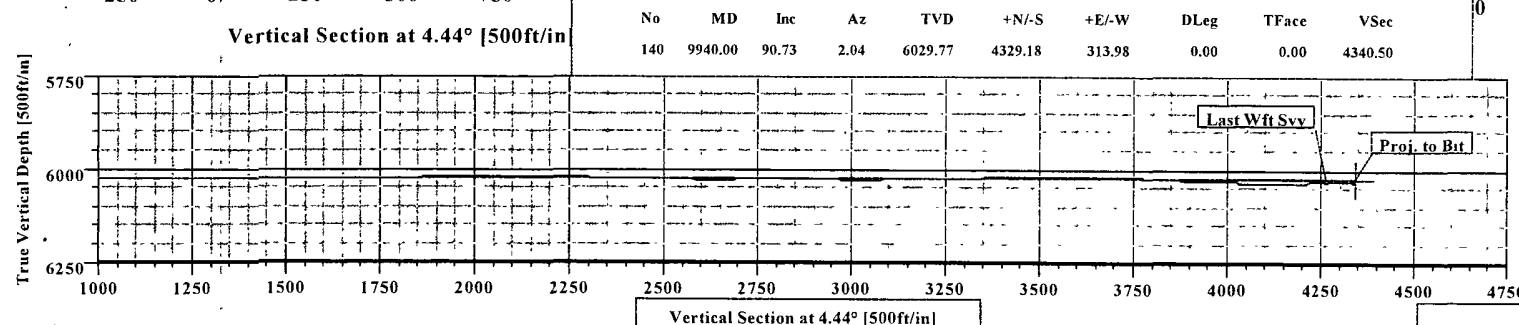
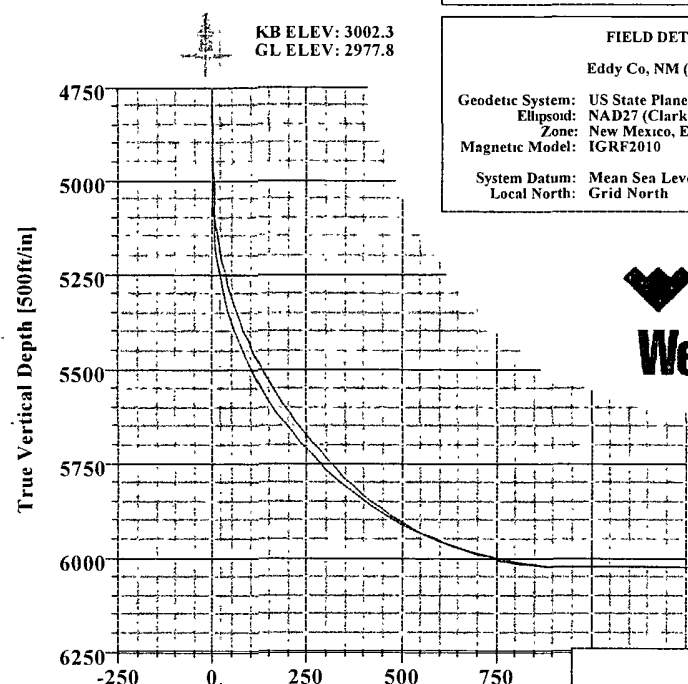
TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	6025.00	4328.40	336.10	477281.90	591577.20	Point

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	
Bank 13 Fed. #1H	
Site Centre Northing:	472953.50
Easting:	591241.10
Ground Level:	2977.80
Positional Uncertainty:	0.00
Convergence:	0.16

LEGEND	
1H.1, Plan #2	
Wft Svy	





Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd. Date: 4/16/2012 Time: 10:21:03 Page: 1
 Field: Eddy Co. NM (Nad 27) Co-ordinate(NE) Reference: Well: 1H Grid North
 Site: Bank 13 Fed. #1H Vertical (TVD) Reference: SITE 3002.3
 Well: 1H Section (VS) Reference: Well (0.00N 0.00E 4.44Azi)
 Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy Start Date: 3/22/2012
 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: Bank 13 Fed. #1H

Site Position: Northing: 472953.50 ft Latitude: 32 17 59.713 N
 From: Map Easting: 591241.10 ft Longitude: 104 2 16.935 W
 Position Uncertainty: 0.00 ft North Reference: Grid
 Ground Level: 2977.80 ft Grid Convergence: 0.16 deg

Well: 1H Slot Name:
 Well Position: +N/-S 0.00 ft Northing: 472953.50 ft Latitude: 32 17 59.713 N
 +E/-W 0.00 ft Easting: 591241.10 ft Longitude: 104 2 16.935 W
 Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
 Current Datum: SITE Height 3002.30 ft Tie-on Depth: 0.00 ft
 Magnetic Data: 4/1/2012 Above System Datum: Mean Sea Level
 Field Strength: 48556 nT Declination: 7.71 deg
 Vertical Section: Depth From (TVD) +N/-S Mag Dip Angle: 60.16 deg
 ft ft ft deg
 0.00 0.00 0.00 4.44

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
195.59	1.81	156.28	195.57	-1.95	1.49	0.00	-1.83	472951.55	591242.59	Tie on Gyro
255.00	2.05	158.11	254.94	-3.80	2.26	0.41	-3.61	472949.70	591243.36	Csg
298.00	2.22	159.19	297.91	-5.29	2.84	0.41	-5.05	472948.21	591243.94	First Wft Svy
390.00	1.77	148.83	389.86	-8.17	4.21	0.62	-7.82	472945.33	591245.31	
422.00	1.30	152.96	421.84	-8.92	4.63	1.51	-8.53	472944.58	591245.73	
515.00	1.33	153.36	514.82	-10.82	5.60	0.03	-10.35	472942.68	591246.70	
606.00	0.82	139.81	605.80	-12.26	6.49	0.62	-11.72	472941.24	591247.59	
700.00	0.77	145.25	699.79	-13.29	7.29	0.10	-12.69	472940.21	591248.39	
763.00	0.36	342.87	762.79	-13.45	7.47	1.78	-12.83	472940.05	591248.57	
856.00	0.20	350.75	855.79	-13.01	7.36	0.18	-12.41	472940.49	591248.46	
951.00	0.05	42.56	950.79	-12.82	7.36	0.18	-12.21	472940.68	591248.46	
1045.00	0.18	320.82	1044.79	-12.67	7.29	0.19	-12.07	472940.83	591248.39	
1140.00	0.35	317.44	1139.79	-12.35	7.00	0.18	-11.77	472941.15	591248.10	
1234.00	0.36	312.90	1233.79	-11.93	6.59	0.03	-11.39	472941.57	591247.69	
1329.00	0.33	302.53	1328.79	-11.58	6.14	0.07	-11.07	472941.92	591247.24	
1424.00	0.82	325.89	1423.78	-10.87	5.53	0.56	-10.41	472942.63	591246.63	
1519.00	0.86	344.98	1518.77	-9.62	4.96	0.30	-9.21	472943.88	591246.06	
1614.00	0.89	319.89	1613.76	-8.37	4.30	0.40	-8.01	472945.13	591245.40	
1709.00	0.18	327.98	1708.76	-7.68	3.75	0.75	-7.36	472945.82	591244.85	
1803.00	0.32	172.66	1802.76	-7.81	3.70	0.52	-7.50	472945.69	591244.80	
1898.00	0.60	155.24	1897.75	-8.53	3.95	0.33	-8.20	472944.97	591245.05	
1993.00	0.55	132.69	1992.75	-9.29	4.49	0.24	-8.91	472944.21	591245.59	
2088.00	0.69	35.37	2087.74	-9.13	5.16	0.98	-8.70	472944.37	591246.26	
2183.00	1.10	38.07	2182.73	-7.95	6.05	0.43	-7.45	472945.55	591247.15	



Weatherford International Ltd.

WFT Survey Report X & Y's


Weatherford

Company: Occidental Permian Ltd	Date: 4/16/2012	Time: 10:21:03	Page: 2
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well: 1H, Grid North		
Site: Bank 13 Fed. #1H	Vertical (TVD) Reference: SITE 3002.3		
Well: 1H	Section (VS) Reference: Well (0.00N 0.00E 4.44Azi)		
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
2277.00	1.61	29.92	2276.71	-6.09	7.26	0.58	-5.51	472947.41	591248.36	
2561.00	1.03	37.03	2560.63	-0.60	10.79	0.21	0.24	472952.90	591251.89	
2593.00	1.06	38.78	2592.62	-0.14	11.15	0.14	0.73	472953.36	591252.25	
2656.00	1.01	35.34	2655.61	0.77	11.84	0.13	1.69	472954.27	591252.94	
2751.00	0.69	20.12	2750.60	1.99	12.52	0.41	2.95	472955.49	591253.62	
2833.00	0.79	18.19	2832.60	2.99	12.86	0.13	3.98	472956.49	591253.96	
2910.00	0.70	9.06	2909.59	3.96	13.10	0.19	4.96	472957.46	591254.20	Csg
2938.00	0.67	5.16	2937.59	4.29	13.15	0.19	5.30	472957.79	591254.25	
3001.00	0.69	8.28	3000.58	5.03	13.23	0.07	6.04	472958.53	591254.33	
3096.00	0.90	319.26	3095.58	6.16	12.83	0.72	7.14	472959.66	591253.93	
3190.00	0.65	310.01	3189.57	7.07	11.94	0.30	7.97	472960.57	591253.04	
3285.00	0.94	304.26	3284.56	7.85	10.88	0.32	8.67	472961.35	591251.98	
3380.00	0.46	302.50	3379.55	8.50	9.92	0.51	9.24	472962.00	591251.02	
3475.00	0.52	307.34	3474.55	8.96	9.25	0.08	9.65	472962.46	591250.35	
3569.00	0.99	243.26	3568.54	8.86	8.19	0.95	9.46	472962.36	591249.29	
3664.00	0.89	242.59	3663.53	8.15	6.80	0.11	8.65	472961.65	591247.90	
3759.00	1.36	223.09	3758.51	6.98	5.37	0.63	7.38	472960.48	591246.47	
3853.00	1.31	226.68	3852.48	5.43	3.83	0.10	5.71	472958.93	591244.93	
3948.00	1.43	225.51	3947.46	3.86	2.19	0.13	4.01	472957.36	591243.29	
4043.00	1.24	228.56	4042.43	2.34	0.58	0.21	2.38	472955.84	591241.68	
4137.00	0.53	242.42	4136.42	1.47	-0.57	0.78	1.42	472954.97	591240.53	
4231.00	0.50	226.37	4230.42	0.99	-1.25	0.16	0.89	472954.49	591239.85	
4325.00	0.53	226.41	4324.41	0.40	-1.86	0.03	0.26	472953.90	591239.24	
4420.00	0.46	223.18	4419.41	-0.18	-2.44	0.08	-0.37	472953.32	591238.66	
4515.00	0.49	218.14	4514.40	-0.78	-2.95	0.05	-1.00	472952.72	591238.15	
4609.00	0.40	220.21	4608.40	-1.34	-3.41	0.10	-1.60	472952.16	591237.69	
4703.00	0.25	216.80	4702.40	-1.76	-3.75	0.16	-2.04	472951.74	591237.35	
4798.00	0.46	26.85	4797.40	-1.58	-3.70	0.74	-1.86	472951.92	591237.40	
4893.00	0.58	37.00	4892.40	-0.86	-3.24	0.16	-1.11	472952.64	591237.86	
4956.00	0.61	31.87	4955.39	-0.32	-2.87	0.10	-0.54	472953.18	591238.23	
4968.00	0.80	29.52	4967.39	-0.19	-2.80	1.60	-0.41	472953.31	591238.30	
5000.00	0.96	23.64	4999.39	0.25	-2.58	0.57	0.05	472953.75	591238.52	
5032.00	0.93	24.56	5031.38	0.73	-2.36	0.11	0.55	472954.23	591238.74	
5063.00	2.14	14.61	5062.37	1.52	-2.11	3.98	1.35	472955.02	591238.99	
5095.00	5.00	10.48	5094.31	3.47	-1.71	8.97	3.33	472956.97	591239.39	
5126.00	7.88	6.94	5125.11	6.91	-1.20	9.37	6.79	472960.41	591239.90	
5157.00	10.46	5.04	5155.71	11.82	-0.70	8.38	11.73	472965.32	591240.40	
5189.00	12.33	3.72	5187.08	18.12	-0.22	5.90	18.05	472971.62	591240.88	
5220.00	14.20	2.84	5217.25	25.23	0.18	6.07	25.16	472978.73	591241.28	
5252.00	15.39	3.05	5248.19	33.39	0.60	3.72	33.33	472986.89	591241.70	
5283.00	15.55	3.58	5278.06	41.64	1.08	0.69	41.60	472995.14	591242.18	
5315.00	16.91	2.64	5308.79	50.57	1.56	4.33	50.54	473004.07	591242.66	
5347.00	18.95	2.67	5339.23	60.41	2.02	6.38	60.39	473013.91	591243.12	
5378.00	21.14	3.72	5368.35	71.02	2.61	7.16	71.01	473024.52	591243.71	
5410.00	22.50	3.56	5398.06	82.89	3.37	4.25	82.90	473036.39	591244.47	
5441.00	24.05	4.76	5426.54	95.11	4.26	5.23	95.15	473048.61	591245.36	
5473.00	25.83	4.97	5455.55	108.55	5.41	5.57	108.64	473062.05	591246.51	
5504.00	27.43	5.74	5483.26	122.38	6.71	5.28	122.53	473075.88	591247.81	
5536.00	29.10	6.68	5511.44	137.45	8.35	5.40	137.68	473090.95	591249.45	
5568.00	30.94	6.09	5539.15	153.36	10.13	5.82	153.68	473106.86	591251.23	
5599.00	31.63	5.93	5565.64	169.37	11.81	2.24	169.77	473122.87	591252.91	
5631.00	33.62	5.42	5592.59	186.53	13.52	6.28	187.02	473140.03	591254.62	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 4/16/2012	Time: 10:21:03	Page: 3
Field: Eddy Co; NM (Nad 27)	Co-ordinate(NE) Reference:	Well: 1H; Grid North	
Site: Bank 13 Fed. #1H	Vertical (TVD) Reference:	SITE 3002.3	
Well: 1H	Section (VS) Reference:	Well (0.00N,0.00E,4.44Azi)	
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
5663.00	35.23	5.46	5618.99	204.54	15.23	5.03	205.11	473158.04	591256.33	
5694.00	37.06	4.86	5644.02	222.75	16.87	6.01	223.39	473176.25	591257.97	
5726.00	38.51	4.96	5669.31	242.28	18.55	4.54	242.99	473195.78	591259.65	
5757.00	39.79	4.09	5693.35	261.79	20.09	4.49	262.56	473215.29	591261.19	
5789.00	40.45	4.49	5717.82	282.36	21.64	2.21	283.18	473235.86	591262.74	
5821.00	41.76	4.37	5741.93	303.33	23.26	4.10	304.22	473256.83	591264.36	
5852.00	43.52	4.87	5764.74	324.26	24.95	5.78	325.22	473277.76	591266.05	
5884.00	45.74	5.04	5787.51	346.66	26.90	6.95	347.70	473300.16	591268.00	
5916.00	47.42	5.53	5809.50	369.80	29.04	5.37	370.94	473323.30	591270.14	
5947.00	49.70	5.26	5830.02	392.93	31.22	7.38	394.17	473346.43	591272.32	
5978.00	51.50	5.72	5849.69	416.78	33.51	5.92	418.12	473370.28	591274.61	
6010.00	54.65	5.45	5868.91	442.24	36.00	9.87	443.70	473395.74	591277.10	
6041.00	56.68	4.25	5886.40	467.74	38.16	7.29	469.29	473421.24	591279.26	
6073.00	58.79	4.21	5903.48	494.72	40.16	6.59	496.35	473448.22	591281.26	
6105.00	61.31	3.76	5919.46	522.38	42.08	7.97	524.07	473475.88	591283.18	
6136.00	63.53	3.64	5933.81	549.80	43.86	7.17	551.54	473503.30	591284.96	
6168.00	65.48	3.63	5947.58	578.62	45.69	6.09	580.42	473532.12	591286.79	
6200.00	67.67	3.62	5960.30	607.93	47.55	6.84	609.78	473561.43	591288.65	
6231.00	69.70	3.75	5971.57	636.74	49.40	6.56	638.66	473590.24	591290.50	
6263.00	72.19	4.49	5982.02	666.91	51.58	8.08	668.90	473620.41	591292.68	
6294.00	74.18	5.04	5990.98	696.48	54.04	6.64	698.57	473649.98	591295.14	
6326.00	76.70	4.85	5999.03	727.33	56.71	7.90	729.54	473680.83	591297.81	
6357.00	79.13	5.14	6005.52	757.53	59.35	7.89	759.85	473711.03	591300.45	
6389.00	80.56	5.57	6011.16	788.89	62.29	4.66	791.35	473742.39	591303.39	
6420.00	81.83	6.11	6015.90	819.37	65.41	4.44	821.97	473772.87	591306.51	
6452.00	84.50	5.96	6019.71	850.96	68.75	8.36	853.73	473804.46	591309.85	
6483.00	87.52	5.91	6021.87	881.71	71.94	9.74	884.64	473835.21	591313.04	
6515.00	89.83	5.97	6022.61	913.53	75.25	7.22	916.62	473867.03	591316.35	
6547.00	89.97	6.14	6022.66	945.35	78.63	0.69	948.60	473898.85	591319.73	
6642.00	88.71	2.35	6023.76	1040.07	85.66	4.20	1043.58	473993.57	591326.76	
6737.00	89.90	2.65	6024.91	1134.97	89.80	1.29	1138.51	474088.47	591330.90	
6831.00	89.97	3.15	6025.02	1228.85	94.56	0.54	1232.48	474182.35	591335.66	
6926.00	89.97	4.52	6025.07	1323.63	100.91	1.44	1327.47	474277.13	591342.01	
7021.00	91.01	4.39	6024.25	1418.34	108.29	1.10	1422.47	474371.84	591349.39	
7116.00	90.59	4.61	6022.93	1513.04	115.75	0.50	1517.46	474466.54	591356.85	
7211.00	90.73	4.39	6021.83	1607.74	123.20	0.27	1612.45	474561.24	591364.30	
7306.00	89.48	3.69	6021.66	1702.50	129.89	1.51	1707.45	474656.00	591370.99	
7400.00	90.80	3.86	6021.43	1796.29	136.08	1.42	1801.44	474749.79	591377.18	
7496.00	90.10	4.66	6020.68	1892.02	143.21	1.11	1897.43	474845.52	591384.31	
7591.00	91.50	4.93	6019.35	1986.68	151.15	1.50	1992.42	474940.18	591392.25	
7685.00	90.10	4.33	6018.04	2080.36	158.74	1.62	2086.41	475033.86	591399.84	
7780.00	89.13	4.26	6018.68	2175.09	165.85	1.02	2181.40	475128.59	591406.95	
7875.00	88.85	5.11	6020.35	2269.76	173.61	0.94	2276.39	475223.26	591414.71	
7970.00	89.13	4.35	6022.03	2364.42	181.44	0.85	2371.37	475317.92	591422.54	
8065.00	88.43	3.66	6024.05	2459.17	188.08	1.03	2466.35	475412.67	591429.18	
8160.00	89.34	4.00	6025.90	2553.93	194.42	1.02	2561.32	475507.43	591435.52	
8254.00	90.24	4.03	6026.24	2647.70	201.00	0.96	2655.32	475601.20	591442.10	
8349.00	90.94	4.89	6025.26	2742.41	208.39	1.17	2750.31	475695.91	591449.49	
8444.00	89.34	4.87	6025.03	2837.06	216.47	1.68	2845.30	475790.56	591457.57	
8538.00	89.62	3.42	6025.88	2930.81	223.26	1.57	2939.30	475884.31	591464.36	
8633.00	90.03	4.36	6026.17	3025.59	229.71	1.08	3034.29	475979.09	591470.81	
8728.00	90.66	3.74	6025.60	3120.35	236.42	0.93	3129.28	476073.85	591477.52	
8822.00	91.08	4.45	6024.17	3214.10	243.13	0.88	3223.27	476167.60	591484.23	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company:	Occidental Permian Ltd	Date:	4/16/2012	Time:	10:21:03	Page:	4
Field:	Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: 1H, Grid North				
Site:	Bank 13 Fed. #1H	Vertical (TVD) Reference:	SITE 3002.3				
Well:	1H	Section (VS) Reference:	Well (0.00N,0.00E,4.44Azi)				
Wellpath:		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
8917.00	91.85	5.07	6021.75	3308.74	251.01	1.04	3318.24	476262.24	591492.11	
9012.00	91.08	5.06	6019.32	3403.33	259.40	0.81	3413.20	476356.83	591500.50	
9106.00	90.17	5.18	6018.29	3496.95	267.78	0.98	3507.19	476450.45	591508.88	
9201.00	89.20	5.50	6018.81	3591.54	276.62	1.08	3602.17	476545.04	591517.72	
9296.00	90.31	4.84	6019.22	3686.15	285.18	1.36	3697.16	476639.65	591526.28	
9391.00	86.75	2.87	6021.66	3780.88	291.57	4.28	3792.11	476734.38	591532.67	
9485.00	87.10	2.53	6026.70	3874.64	295.99	0.52	3885.93	476828.14	591537.09	
9517.00	87.72	2.33	6028.15	3906.58	297.35	2.04	3917.87	476860.08	591538.45	
9580.00	88.43	2.40	6030.26	3969.49	299.94	1.13	3980.80	476922.99	591541.04	
9675.00	89.90	3.18	6031.65	4064.36	304.57	1.75	4075.74	477017.86	591545.67	
9770.00	90.24	1.46	6031.53	4159.28	308.41	1.85	4170.68	477112.78	591549.51	
9865.00	90.73	2.04	6030.73	4254.23	311.31	0.80	4265.57	477207.73	591552.41	Last Wft Svy
9940.00	90.73	2.04	6029.77	4329.18	313.98	0.00	4340.50	477282.68	591555.08	Proj to Bit

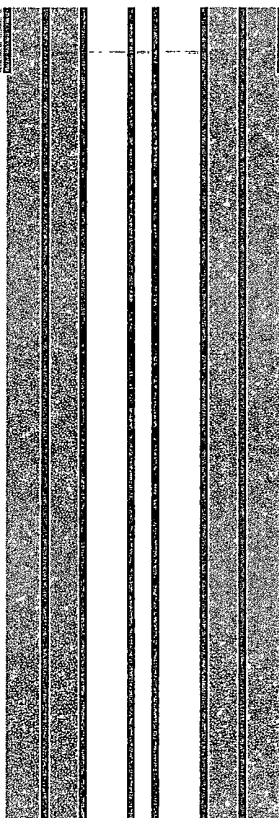
Annotation

MD ft	TVD ft	
195.59	195.57	Tie on Gyro
298.00	297.91	First Wft Svy
9865.00	6030.73	Last Wft Svy
9940.00	6029.77	Proj to Bit

OXY USA Inc.
Bank 13 Federal Com #1H
API No. 30-015-39456



17-1/2" hole @ 255'
13-3/8" csg @ 255'
w/ 370sx-TOC-Surf-Circ



12-1/4" hole @ 2907'
9-5/8" csg @ 2907'
w/ 1070sx-TOC-Surf-Circ

2-7/8" tbg @ 5024' w/ ESP @ 5103'



8-3/4" hole @ 9940'
5-1/2" csg @ 9935'
w/ 2520sx-TOC-Surf-Circ
DVT @ 5020' POST @ 2937'

Perfs @ 6486-9787'

TD - 9940'M 6030'V