



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: November 3, 2014

Attention: Ricardo Vilorio

15-42275

Re: Occidental Permian Ltd
Well: FNR 35 #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>
Clete Bayer MWD Supervisor	1H	593 MD 12150' MD	7-13-2014 7-31-2014	Measurement While Drilling

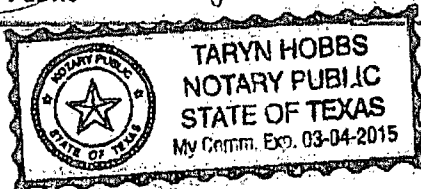
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesus Aguilar
MWD Coordinator

On this, the 24th day of November, 2014, 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





Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd. Date: 8/1/2014 Time: 07:57:33 Page: 1
 Field: Eddy Co. NM (Nad 27) Co-ordinate(NE) Reference: Well: FNR 35 Fed #1H: Grid North
 Site: FNR 35 Fed #1H Vertical (TVD) Reference: SITE 3416.7
 Well: FNR 35 Fed #1H Section (VS) Reference: Well: (0.00N,0.00E,89.67Azi)
 Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Start Date:

Company: Engineer:
 Tool: Tied-to:

Site: FNR 35 Fed #1H

Site Position: Northing: 461076.20 ft Latitude: 32 16 0.205 N
 From: Map Easting: 646699.90 ft Longitude: 103 51 31.403 W
 Position Uncertainty: 0.00 ft North Reference: Grid
 Ground Level: 3391.70 ft Grid Convergence: 0.25 deg

Well: FNR 35 Fed #1H Slot Name:

Well Position: +N/-S 0.00 ft Northing: 461076.20 ft Latitude: 32 16 0.205 N
 +E/-W 0.00 ft Easting: 646699.90 ft Longitude: 103 51 31.403 W
 Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
 Current Datum: SITE Height 3416.70 ft Tie-on Depth: 0.00 ft
 Magnetic Data: 6/25/2014 Above System Datum: Mean Sea Level
 Field Strength: 48333 nT Declination: 7.35 deg
 Vertical Section: Depth From (TVD) +N/-S Mag Dip Angle: 60.10 deg
 ft ft +E/-W Direction
 0.00 0.00 0.00 89.67

Survey Program for Definitive Wellpath

Date: 8/1/2014 Validated: No

Actual From To Survey
 ft ft
 0.00 463.00 Gyro (0.00-463.00)
 463.00 12220.00 MWD (463.00-12220.00)

Version: 0

Toolcode

Tool Name

NS-GYRO-MS
 MWD

North sensing gyrocompassing m
 MWD - Standard

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	461076.20	646699.90	
34.00	0.44	262.12	34.00	-0.02	-0.13	1.29	-0.13	461076.18	646699.77	
125.00	0.58	138.45	125.00	-0.40	-0.18	0.97	-0.18	461075.80	646699.72	
218.00	0.63	220.22	217.99	-1.13	-0.21	0.84	-0.22	461075.07	646699.69	
309.00	0.49	217.06	308.99	-1.82	-0.77	0.16	-0.78	461074.38	646699.13	
401.00	0.44	185.49	400.99	-2.49	-1.04	0.28	-1.05	461073.71	646698.86	
463.00	0.47	189.55	462.99	-2.97	-1.10	0.07	-1.12	461073.23	646698.80	
593.00	0.35	221.15	592.98	-3.80	-1.45	0.19	-1.47	461072.40	646698.45	
777.00	0.49	242.61	776.98	-4.58	-2.52	0.11	-2.55	461071.62	646697.38	
965.00	0.50	226.50	964.97	-5.52	-3.83	0.07	-3.86	461070.68	646696.07	
1154.00	0.47	192.57	1153.96	-6.84	-4.60	0.15	-4.64	461069.36	646695.30	
1343.00	0.56	173.81	1342.96	-8.52	-4.67	0.10	-4.71	461067.68	646695.23	
1532.00	0.69	154.36	1531.95	-10.46	-4.07	0.13	-4.13	461065.74	646695.83	
1721.00	1.07	150.95	1720.92	-13.03	-2.72	0.20	-2.80	461063.17	646697.18	
1910.00	1.48	157.19	1909.88	-16.82	-0.92	0.23	-1.02	461059.38	646698.98	
2099.00	1.57	174.53	2098.81	-21.65	0.27	0.25	0.15	461054.55	646700.17	
2193.00	1.24	177.61	2192.78	-23.95	0.44	0.36	0.30	461052.25	646700.34	
2287.00	0.41	199.47	2286.77	-25.28	0.37	0.93	0.22	461050.92	646700.27	
2382.00	0.16	269.40	2381.77	-25.60	0.12	0.41	-0.02	461050.60	646700.02	
2476.00	0.51	334.60	2475.77	-25.23	-0.19	0.50	-0.33	461050.97	646699.71	
2571.00	0.70	328.50	2570.76	-24.35	-0.67	0.21	-0.81	461051.85	646699.23	
2665.00	0.66	325.10	2664.76	-23.42	-1.28	0.06	-1.42	461052.78	646698.62	
2760.00	0.53	317.96	2759.75	-22.64	-1.89	0.16	-2.02	461053.56	646698.01	
2854.00	0.40	291.79	2853.75	-22.20	-2.49	0.26	-2.61	461054.00	646697.41	

TieOn MS Gyro
 First WFT MWD



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company:	Occidental Permian Ltd.	Date:	8/1/2014	Time:	07:57:33	Page:	2
Field:	Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: FNR 35 Fed #1H	Grnd North			
Site:	FNR 35 Fed #1H	Vertical (TYD) Reference:	SITE 3416.7				
Well:	FNR 35 Fed #1H	Section (VS) Reference:	Well (0.00N,0.00E,89.67Az)				
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
2948.00	0.50	338.43	2947.75	-21.69	-2.94	0.39	-3.07	461054.51	646696.96	
3043.00	0.70	321.39	3042.74	-20.86	-3.46	0.28	-3.58	461055.34	646696.44	
3141.00	0.70	314.48	3140.73	-19.97	-4.26	0.09	-4.37	461056.23	646695.64	
3236.00	0.14	234.31	3235.73	-19.63	-4.77	0.73	-4.88	461056.57	646695.13	
3330.00	0.58	168.93	3329.73	-20.16	-4.77	0.57	-4.88	461056.04	646695.13	
3425.00	1.96	143.29	3424.70	-21.94	-3.70	1.54	-3.83	461054.26	646696.20	
3519.00	2.08	142.55	3518.65	-24.58	-1.71	0.13	-1.85	461051.62	646698.19	
3614.00	1.68	127.21	3613.59	-26.79	0.45	0.67	0.30	461049.41	646700.35	
3708.00	1.64	112.59	3707.56	-28.14	2.79	0.45	2.63	461048.06	646702.69	
3803.00	1.20	75.98	3802.53	-28.42	5.01	1.04	4.85	461047.78	646704.91	
3897.00	0.90	67.55	3896.51	-27.90	6.65	0.36	6.49	461048.30	646706.55	
4035.00	1.00	64.67	4034.49	-26.97	8.74	0.08	8.58	461049.23	646708.64	
4130.00	3.25	26.86	4129.42	-24.22	10.70	2.67	10.57	461051.98	646710.60	
4224.00	3.71	25.12	4223.25	-19.09	13.20	0.50	13.09	461057.11	646713.10	
4318.00	2.38	19.97	4317.12	-14.50	15.16	1.44	15.07	461061.70	646715.06	
4413.00	2.42	12.80	4412.03	-10.69	16.28	0.32	16.21	461065.51	646716.18	
4507.00	2.38	10.25	4505.95	-6.83	17.06	0.12	17.02	461069.37	646716.96	
4602.00	2.33	11.21	4600.87	-3.00	17.79	0.07	17.77	461073.20	646717.69	
4696.00	2.29	9.52	4694.79	0.73	18.47	0.08	18.47	461076.93	646718.37	
4791.00	1.09	359.44	4789.75	3.51	18.78	1.30	18.80	461079.71	646718.68	
4885.00	0.77	355.14	4883.74	5.03	18.71	0.35	18.74	461081.23	646718.61	
4980.00	0.77	350.62	4978.73	6.30	18.56	0.06	18.59	461082.50	646718.46	
5075.00	0.93	351.75	5073.72	7.69	18.34	0.17	18.38	461083.89	646718.24	
5169.00	0.93	335.77	5167.71	9.14	17.92	0.28	17.97	461085.34	646717.82	
5265.00	1.09	336.52	5263.69	10.69	17.24	0.17	17.30	461086.89	646717.14	
5359.00	1.20	332.38	5357.67	12.38	16.42	0.15	16.49	461088.58	646716.32	
5454.00	1.32	336.93	5452.65	14.27	15.53	0.16	15.61	461090.47	646715.43	
5548.00	1.11	338.17	5546.63	16.11	14.77	0.23	14.86	461092.31	646714.67	
5643.00	1.29	333.24	5641.61	17.92	13.95	0.22	14.05	461094.12	646713.85	
5737.00	1.22	333.98	5735.59	19.76	13.03	0.08	13.14	461095.96	646712.93	
5832.00	1.48	338.85	5830.56	21.81	12.14	0.30	12.27	461098.01	646712.04	
5926.00	1.49	336.34	5924.53	24.07	11.22	0.07	11.35	461100.27	646711.12	
6021.00	1.21	341.15	6019.50	26.15	10.40	0.32	10.55	461102.35	646710.30	
6115.00	1.16	336.99	6113.48	27.96	9.70	0.11	9.86	461104.16	646709.60	
6210.00	1.33	40.65	6208.46	29.68	10.05	1.39	10.22	461105.88	646709.95	
6304.00	1.40	53.70	6302.44	31.19	11.68	0.34	11.86	461107.39	646711.58	
6399.00	1.14	124.17	6397.42	31.35	13.40	1.56	13.58	461107.55	646713.30	
6494.00	1.77	154.18	6492.39	29.50	14.82	1.02	14.99	461105.70	646714.72	
6588.00	1.62	179.55	6586.35	26.86	15.46	0.81	15.62	461103.06	646715.36	
6683.00	1.84	161.46	6681.31	24.07	15.96	0.62	16.10	461100.27	646715.86	
6777.00	1.66	154.36	6775.26	21.41	17.03	0.30	17.15	461097.61	646716.93	
6872.00	1.50	163.14	6870.23	18.98	17.98	0.30	18.09	461095.18	646717.88	
6903.00	1.54	163.33	6901.22	18.19	18.22	0.13	18.32	461094.39	646718.12	
6935.00	1.60	139.12	6933.20	17.45	18.64	2.07	18.74	461093.65	646718.54	
6966.00	2.69	106.26	6964.18	16.91	19.62	5.17	19.71	461093.11	646719.52	
6998.00	4.28	97.86	6996.12	16.54	21.52	5.21	21.62	461092.74	646721.42	
7029.00	5.93	95.97	7027.00	16.22	24.26	5.35	24.35	461092.42	646724.16	
7061.00	7.93	93.47	7058.76	15.91	28.11	6.32	28.20	461092.11	646728.01	
7092.00	10.26	91.63	7089.37	15.70	33.00	7.57	33.09	461091.90	646732.90	
7123.00	12.53	92.79	7119.76	15.46	39.12	7.36	39.21	461091.66	646739.02	
7155.00	14.65	93.00	7150.86	15.08	46.63	6.63	46.72	461091.28	646746.53	
7187.00	16.97	94.08	7181.65	14.54	55.33	7.31	55.41	461090.74	646755.23	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company:	Occidental Permian Ltd.	Date:	8/1/2014	Time:	07:57:33	Page:	3
Field:	Eddy Co NM (Nad 27)	Co-ordinate(NE) Reference:	Well: FNR 35 Fed #1H, Gnd North				
Site:	FNR 35 Fed #1H	Vertical (TVD) Reference:	SITE 3416.71				
Well:	FNR 35 Fed #1H	Section (VS) Reference:	Well (0.00N,0.00E,89.67Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature			Db:	Sybase

Survey

MDI ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
7218.00	18.17	94.98	7211.20	13.79	64.66	3.97	64.74	461089.99	646764.56	
7250.00	19.83	95.62	7241.46	12.83	75.03	5.23	75.11	461089.03	646774.93	
7281.00	22.23	95.57	7270.39	11.74	86.10	7.74	86.17	461087.94	646786.00	
7313.00	24.81	95.32	7299.73	10.53	98.82	8.07	98.87	461086.73	646798.72	
7344.00	27.11	94.99	7327.60	9.32	112.33	7.43	112.38	461085.52	646812.23	
7376.00	29.01	94.02	7355.84	8.14	127.34	6.11	127.38	461084.34	646827.24	
7407.00	31.48	93.78	7382.62	7.08	142.91	7.98	142.95	461083.28	646842.81	
7439.00	33.95	92.89	7409.54	6.08	160.18	7.86	160.21	461082.28	646860.08	
7470.00	36.44	93.02	7434.87	5.15	178.02	8.04	178.05	461081.35	646877.92	
7502.00	38.68	92.45	7460.23	4.23	197.50	7.08	197.52	461080.43	646897.40	
7533.00	41.10	91.75	7484.02	3.50	217.37	7.94	217.38	461079.70	646917.27	
7564.00	42.55	91.02	7507.12	3.00	238.03	4.93	238.05	461079.20	646937.93	
7596.00	44.26	90.47	7530.37	2.72	260.02	5.47	260.03	461078.92	646959.92	
7628.00	45.62	90.29	7553.02	2.57	282.62	4.27	282.63	461078.77	646982.52	
7660.00	47.71	89.58	7574.98	2.60	305.90	6.73	305.91	461078.80	647005.80	
7691.00	50.51	89.48	7595.27	2.79	329.33	9.04	329.34	461078.99	647029.23	
7723.00	54.70	89.74	7614.70	2.96	354.74	13.11	354.76	461079.16	647054.64	
7754.00	59.85	90.85	7631.45	2.82	380.81	16.88	380.82	461079.02	647080.71	
7785.00	65.15	92.13	7645.76	2.10	408.29	17.48	408.30	461078.30	647108.19	
7817.00	70.08	92.59	7657.94	0.88	437.85	15.46	437.84	461077.08	647137.75	
7848.00	72.67	92.84	7667.84	-0.51	467.19	8.39	467.18	461075.69	647167.09	
7880.00	75.28	93.13	7676.67	-2.12	497.90	8.20	497.88	461074.08	647197.80	
7911.00	76.81	92.89	7684.15	-3.69	527.94	4.99	527.91	461072.51	647227.84	
7943.00	78.59	92.18	7690.97	-5.08	559.17	5.97	559.14	461071.12	647259.07	
7974.00	80.09	91.44	7696.70	-6.04	589.62	5.38	589.58	461070.16	647289.52	
8006.00	81.36	90.43	7701.86	-6.55	621.20	5.05	621.15	461069.65	647321.10	
8037.00	82.50	90.50	7706.21	-6.80	651.89	3.68	651.84	461069.40	647351.79	
8069.00	83.97	90.63	7709.98	-7.12	683.67	4.61	683.61	461069.08	647383.57	
8100.00	85.94	90.17	7712.71	-7.33	714.54	6.52	714.49	461068.87	647414.44	
8132.00	87.48	90.16	7714.54	-7.42	746.49	4.81	746.44	461068.78	647446.39	
8163.00	87.97	89.97	7715.77	-7.46	777.47	1.70	777.41	461068.74	647477.37	
8195.00	88.39	90.40	7716.79	-7.56	809.45	1.88	809.39	461068.64	647509.35	
8226.00	88.74	89.44	7717.57	-7.52	840.44	3.30	840.38	461068.68	647540.34	
8258.00	89.16	88.02	7718.15	-6.81	872.42	4.63	872.37	461069.39	647572.32	
8289.00	89.37	87.61	7718.55	-5.63	903.40	1.49	903.35	461070.57	647603.30	
8383.00	88.95	86.88	7719.93	-1.11	997.28	0.90	997.26	461075.09	647697.18	
8478.00	89.72	86.59	7721.03	4.30	1092.12	0.87	1092.13	461080.50	647792.02	
8573.00	90.63	86.09	7720.74	10.36	1186.92	1.09	1186.96	461086.56	647886.82	
8667.00	91.26	88.33	7719.19	14.94	1280.79	2.48	1280.86	461091.14	647980.69	
8761.00	90.49	88.71	7717.75	17.37	1374.75	0.91	1374.83	461093.57	648074.65	
8856.00	88.95	89.04	7718.22	19.23	1469.73	1.66	1469.81	461095.43	648169.63	
8951.00	88.11	89.86	7720.66	20.14	1564.69	1.24	1564.78	461096.34	648264.59	
9045.00	88.67	89.72	7723.30	20.49	1658.65	0.61	1658.74	461096.69	648358.55	
9140.00	89.44	89.37	7724.86	21.24	1753.63	0.89	1753.73	461097.44	648453.53	
9234.00	87.76	90.14	7727.16	21.64	1847.60	1.97	1847.69	461097.84	648547.50	
9329.00	88.18	89.74	7730.53	21.74	1942.54	0.61	1942.63	461097.94	648642.44	
9423.00	89.02	90.61	7732.82	21.46	2036.51	1.29	2036.60	461097.66	648736.41	
9518.00	89.37	89.99	7734.16	20.96	2131.50	0.75	2131.58	461097.16	648831.40	
9612.00	90.70	90.84	7734.10	20.28	2225.49	1.68	2225.57	461096.48	648925.39	
9707.00	89.30	89.79	7734.10	19.76	2320.49	1.84	2320.56	461095.96	649020.39	
9801.00	89.93	89.71	7734.73	20.17	2414.49	0.68	2414.56	461096.37	649114.39	
9896.00	87.97	88.11	7736.47	21.97	2509.44	2.66	2509.53	461098.17	649209.34	
9990.00	87.76	87.49	7739.97	25.58	2603.31	0.70	2603.41	461101.78	649303.21	



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



Weatherford

Company:	Occidental Permian Ltd.	Date:	8/1/2014	Time:	07:57:33	Page:	4
Field:	Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: FNR 35 Fed #1H	Grid North:			
Site:	FNR 35 Fed #1H	Vertical (TYD) Reference:	SITE 3416.7				
Well:	FNR 35 Fed #1H	Section (VS) Reference:	Well (0.00N,0.00E,89.67Azi)				
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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
10085.00	88.95	87.70	7742.70	29.56	2698.19	1.27	2698.31	461105.76	649398.09	
10179.00	89.37	87.36	7744.08	33.61	2792.09	0.57	2792.23	461109.81	649491.99	
10274.00	90.91	87.64	7743.85	37.76	2886.99	1.65	2887.16	461113.96	649586.89	
10369.00	91.89	87.70	7741.53	41.62	2981.89	1.03	2982.07	461117.82	649681.79	
10463.00	88.67	86.75	7741.07	46.17	3075.76	3.57	3075.97	461122.37	649775.66	
10558.00	90.84	86.12	7741.47	52.08	3170.57	2.38	3170.82	461128.28	649870.47	
10652.00	89.58	86.13	7741.13	58.43	3264.35	1.34	3264.63	461134.63	649964.25	
10747.00	88.88	89.03	7742.41	62.44	3359.25	3.14	3359.55	461138.64	650059.15	
10841.00	90.07	89.24	7743.27	63.86	3453.23	1.29	3453.54	461140.06	650153.13	
10936.00	91.05	88.85	7742.34	65.44	3548.21	1.11	3548.53	461141.64	650248.11	
11030.00	88.53	88.98	7742.68	67.22	3642.19	2.68	3642.51	461143.42	650342.09	
11125.00	89.16	88.56	7744.60	69.26	3737.15	0.80	3737.48	461145.46	650437.05	
11219.00	87.48	88.97	7747.35	71.29	3831.08	1.84	3831.42	461147.49	650530.98	
11314.00	85.94	89.18	7752.81	72.82	3925.91	1.64	3926.26	461149.02	650625.81	
11408.00	86.92	88.62	7758.66	74.62	4019.71	1.20	4020.07	461150.82	650719.61	
11503.00	88.67	90.21	7762.31	75.59	4114.63	2.49	4114.99	461151.79	650814.53	
11597.00	87.27	88.87	7765.64	76.34	4208.56	2.06	4208.93	461152.54	650908.46	
11692.00	89.58	91.11	7768.25	76.36	4303.51	3.39	4303.88	461152.56	651003.41	
11786.00	90.49	91.87	7768.20	73.91	4397.48	1.26	4397.83	461150.11	651097.38	
11880.00	89.65	89.99	7768.08	72.39	4491.46	2.19	4491.80	461148.59	651191.36	
11975.00	90.21	89.16	7768.20	73.09	4586.46	1.05	4586.80	461149.29	651286.36	
12070.00	90.42	88.69	7767.68	74.87	4681.44	0.54	4681.79	461151.07	651381.34	
12150.00	90.49	89.70	7767.04	76.00	4761.43	1.27	4761.78	461152.20	651461.33	Last WFT Svy
12220.00	90.49	89.70	7766.44	76.36	4831.42	0.00	4831.78	461152.56	651531.32	Proj to Bit

Annotation

MD ft	TVD ft	
463.00	462.99	TieOn MS Gyro
593.00	592.98	First WFT MWD
12150.00	7767.04	Last WFT Svy
12220.00	7766.44	Proj to Bit

OXY USA INC.
FNR 35 Federal 1H
API No. 30-015-42275

14-3/4" hole @ 503'
11-3/4" csg @ 503'
w/ 690sx-TOC-Surf-Circ

10-5/8" hole @ 3959'
8-5/8" csg @ 3946'
w/ 1539sx-TOC-275' CBL

7-7/8" hole @ 12220'
5-1/2" csg @ 12159'
w/ 1450sx-TOC-Surf-Circ

2-7/8" tbg & ESP @ 6929'

Perfs @ 7929-12015'

TD- 12220'M 7767'V