



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: October 1, 2013

Attention: Carlos Mercado

15-41343

Re: Occidental Permian Ltd
Well: Patton 18 Fed Com #8H
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:

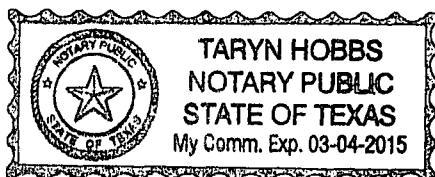
<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
John Josserand MWD Supervisor	8H	1019' MD 14408' MD	7/26/2013 8/25/2013	Measurement While Drilling

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 10th day of October, 2013, 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: 10/3/2013	Time: 06:43:36	Page: 1
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: Patton 18 Fed #8H, Grid North	
Site: Patton 18 Fed #8H	Vertical (TVD) Reference:	SITE 3527.2	
Well: Patton 18 Fed #8H	Section (VS) Reference:	Well (0.00N,0.00E,0.34Azi)	
Wellpath: Lateral	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: Start Date:

Company: Engineer:
Tool: Tied-to:

Site: Patton 18 Fed #8H

Site Position:	Northing:	440636.00 ft	Latitude:	32 12 37.283 N
From: Map	Easting:	660805.40 ft	Longitude:	103 48 48.276 W
Position Uncertainty:	0.00 ft		North Reference:	Grid
Ground Level:	3503.20 ft		Grid Convergence:	0.28 deg

Well: Patton 18 Fed #8H	Slot Name:
Well Position: +N-S 0.00 ft	Northing: 440636.00 ft
+E-W 0.00 ft	Easting: 660805.40 ft
Position Uncertainty: 0.00 ft	Latitude: 32 12 37.283 N
	Longitude: 103 48 48.276 W

Wellpath: Lateral	Drilled From: Pilot
Current Datum: SITE	Tie-on Depth: 9167.00 ft
Magnetic Data: 5/1/2013	Above System Datum: Mean Sea Level
Field Strength: 48419 nT	Declination: 7.47 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.09 deg
ft	+N-S ft
0.00	0.00
	+E-W ft
	0.00
	Direction deg
	0.34

Survey

MD ft	Incl deg	Azimi 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	440636.00	660805.40	
51.00	0.28	242.29	51.00	-0.06	-0.11	0.55	-0.06	440635.94	660805.29	
145.00	0.40	328.06	145.00	0.11	-0.49	0.50	0.11	440636.11	660804.91	
239.00	0.20	312.46	239.00	0.50	-0.78	0.23	0.50	440636.50	660804.62	
333.00	0.30	309.41	333.00	0.77	-1.09	0.11	0.76	440636.77	660804.31	
427.00	0.34	358.86	427.00	1.20	-1.29	0.29	1.20	440637.20	660804.11	
521.00	0.33	343.28	520.99	1.74	-1.37	0.10	1.73	440637.74	660804.03	
615.00	0.28	342.42	614.99	2.22	-1.52	0.05	2.21	440638.22	660803.88	
709.00	0.27	14.24	708.99	2.65	-1.53	0.16	2.65	440638.65	660803.87	
803.00	0.16	82.53	802.99	2.89	-1.35	0.27	2.88	440638.89	660804.05	
897.00	0.34	172.71	896.99	2.63	-1.18	0.40	2.62	440638.63	660804.22	Tie On AMS First WFT Svy
1019.00	0.58	184.35	1018.99	1.65	-1.19	0.21	1.65	440637.65	660804.21	
1145.00	0.41	184.68	1144.98	0.57	-1.27	0.13	0.56	440636.57	660804.13	
1334.00	0.60	217.83	1333.97	-0.89	-1.93	0.18	-0.90	440635.11	660803.47	
1523.00	0.41	212.98	1522.97	-2.24	-2.91	0.10	-2.25	440633.76	660802.49	
1712.00	0.36	192.12	1711.96	-3.39	-3.40	0.08	-3.41	440632.61	660802.00	
1901.00	0.84	216.00	1900.95	-5.09	-4.34	0.28	-5.11	440630.91	660801.06	
2090.00	1.13	212.41	2089.92	-7.78	-6.15	0.16	-7.82	440628.22	660799.25	
2279.00	1.70	207.28	2278.87	-11.85	-8.44	0.31	-11.90	440624.15	660796.96	
2468.00	2.01	191.17	2467.77	-17.59	-10.36	0.32	-17.65	440618.41	660795.04	
2657.00	1.06	144.63	2656.70	-22.27	-9.99	0.79	-22.33	440613.73	660795.41	
2846.00	0.82	146.90	2845.68	-24.83	-8.24	0.13	-24.87	440611.17	660797.16	
3036.00	1.71	109.61	3035.63	-26.92	-4.83	0.61	-26.94	440609.08	660800.57	
3225.00	1.85	104.83	3224.54	-28.64	0.78	0.11	-28.64	440607.36	660806.18	
3413.00	1.35	65.79	3412.47	-28.51	5.73	0.62	-28.48	440607.49	660811.13	
3603.00	2.73	105.24	3602.36	-28.78	12.14	1.00	-28.71	440607.22	660817.54	
3792.00	2.31	84.62	3791.18	-29.61	20.27	0.52	-29.49	440606.39	660825.67	
3981.00	1.26	123.73	3980.09	-30.41	25.79	0.82	-30.25	440605.59	660831.19	
4152.00	0.94	126.06	4151.06	-32.28	28.49	0.19	-32.11	440603.72	660833.89	
4283.00	0.93	114.05	4282.04	-33.34	30.33	0.15	-33.16	440602.66	660835.73	



Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford

Company: Occidental Permian Ltd.
Field: Eddy Co, NM (Nad 27)
Site: Patton 18 Fed #8H
Well: Patton 18 Fed #8H
Wellpath: Lateral

Date: 10/3/2013 Time: 06:43:36 Page: 2
Co-ordinate(NE) Reference: Well: Patton 18 Fed #8H, Grid North
Vertical (TVD) Reference: SITE 3527.2
Section (VS) Reference: Well (0.00N,0.00E,0.34Azi)
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
4441.00	0.97	119.74	4440.02	-34.53	32.66	0.06	-34.33	440601.47	660838.06	
4630.00	1.06	355.38	4629.00	-33.58	33.91	0.95	-33.38	440602.42	660839.31	
4818.00	0.78	328.38	4816.98	-30.76	33.10	0.27	-30.56	440605.24	660838.50	
5008.00	0.82	329.59	5006.96	-28.48	31.73	0.02	-28.29	440607.52	660837.13	
5197.00	1.03	329.75	5195.94	-25.85	30.19	0.11	-25.67	440610.15	660835.59	
5386.00	0.92	328.37	5384.91	-23.09	28.54	0.06	-22.92	440612.91	660833.94	
5575.00	0.99	326.36	5573.88	-20.44	26.84	0.04	-20.28	440615.56	660832.24	
5764.00	0.90	320.72	5762.86	-17.93	25.00	0.07	-17.78	440618.07	660830.40	
5953.00	0.85	317.06	5951.84	-15.75	23.10	0.04	-15.62	440620.25	660828.50	
6142.00	0.87	304.53	6140.81	-13.91	20.96	0.10	-13.79	440622.09	660826.36	
6331.00	0.94	289.75	6329.79	-12.58	18.32	0.13	-12.47	440623.42	660823.72	
6520.00	1.24	266.62	6518.76	-12.17	14.82	0.28	-12.09	440623.83	660820.22	
6709.00	1.69	258.06	6707.70	-12.87	10.05	0.26	-12.81	440623.13	660815.45	
6898.00	1.55	244.38	6896.62	-14.55	5.02	0.22	-14.52	440621.45	660810.42	
7087.00	1.64	231.14	7085.55	-17.35	0.61	0.20	-17.35	440618.65	660806.01	
7276.00	1.51	248.20	7274.48	-19.98	-3.81	0.26	-20.00	440616.02	660801.59	
7465.00	0.63	312.18	7463.45	-20.20	-6.89	0.72	-20.24	440615.80	660798.51	
7655.00	0.49	309.70	7653.44	-18.98	-8.29	0.07	-19.03	440617.02	660797.11	
7844.00	0.50	283.16	7842.43	-18.28	-9.71	0.12	-18.34	440617.72	660795.69	
8033.00	2.22	234.85	8031.38	-20.20	-13.51	1.02	-20.28	440615.80	660791.89	
8222.00	2.91	211.71	8220.19	-26.39	-19.02	0.65	-26.50	440609.61	660786.38	
8410.00	0.80	205.27	8408.08	-31.64	-22.09	1.13	-31.77	440604.36	660783.31	
8593.00	1.59	235.04	8591.04	-34.25	-24.72	0.54	-34.39	440601.75	660780.68	
8788.00	0.49	80.38	8786.02	-35.66	-26.11	1.05	-35.81	440600.34	660779.29	
8977.00	0.21	336.69	8975.02	-35.20	-25.45	0.31	-35.35	440600.80	660779.95	Tie On Pilot
9139.00	3.48	340.22	9136.91	-30.30	-27.24	2.02	-30.46	440605.70	660778.16	
9171.00	8.74	344.27	9168.72	-27.05	-28.22	16.48	-27.21	440608.95	660777.18	
9203.00	14.41	350.04	9200.06	-20.78	-29.57	18.06	-20.95	440615.22	660775.83	
9234.00	18.02	354.15	9229.82	-12.21	-30.73	12.21	-12.39	440623.79	660774.67	
9265.00	18.90	355.31	9259.22	-2.43	-31.63	3.08	-2.62	440633.57	660773.77	
9297.00	19.72	354.43	9289.42	8.11	-32.58	2.72	7.91	440644.11	660772.82	
9329.00	21.21	353.70	9319.40	19.23	-33.74	4.72	19.03	440655.23	660771.66	
9360.00	22.36	354.48	9348.19	30.68	-34.92	3.83	30.47	440666.68	660770.48	
9392.00	23.47	358.91	9377.67	43.11	-35.63	6.41	42.90	440679.11	660769.77	
9423.00	23.10	3.17	9406.14	55.35	-35.41	5.56	55.14	440691.35	660769.99	
9455.00	22.90	4.90	9435.60	67.82	-34.53	2.20	67.62	440703.82	660770.87	
9486.00	23.23	2.04	9464.12	79.94	-33.79	3.77	79.74	440715.94	660771.61	
9518.00	24.18	359.09	9493.42	92.80	-33.67	4.75	92.60	440728.80	660771.73	
9549.00	25.66	356.83	9521.54	105.86	-34.15	5.68	105.65	440741.86	660771.25	
9581.00	26.78	354.07	9550.24	119.94	-35.27	5.17	119.73	440755.94	660770.13	
9612.00	26.65	351.19	9577.94	133.76	-37.06	4.20	133.54	440769.76	660768.34	
9644.00	27.65	351.44	9606.41	148.20	-39.26	3.15	147.96	440784.20	660766.14	
9675.00	29.82	353.91	9633.59	162.98	-41.15	7.98	162.73	440798.98	660764.25	
9707.00	32.47	354.91	9660.98	179.45	-42.76	8.44	179.19	440815.45	660762.64	
9738.00	34.76	355.78	9686.79	196.55	-44.15	7.55	196.29	440832.55	660761.25	
9770.00	35.94	356.47	9712.89	215.02	-45.40	3.89	214.75	440851.02	660760.00	
9800.00	37.61	358.19	9736.92	232.96	-46.23	6.54	232.68	440868.96	660759.17	
9832.00	39.08	359.03	9762.02	252.81	-46.71	4.87	252.53	440888.81	660758.69	
9863.00	40.48	359.30	9785.84	272.64	-47.00	4.55	272.36	440908.64	660758.40	
9895.00	42.66	359.84	9809.78	293.87	-47.15	6.90	293.59	440929.87	660758.25	
9926.00	44.34	0.60	9832.27	315.21	-47.07	5.68	314.92	440951.21	660758.33	
9957.00	44.74	1.40	9854.36	336.95	-46.69	2.22	336.66	440972.95	660758.71	



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WFT Survey Report X&Y's



Weatherford

Company: Occidental Permian Ltd.
Field: Eddy Co, NM (Nad 27)
Site: Patton 18 Fed #8H
Well: Patton 18 Fed #8H
Wellpath: Lateral

Date: 10/3/2013 Time: 06:43:36 Page: 3
Co-ordinate(NE) Reference: Well: Patton 18 Fed #8H, Grid North
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Section (VS) Reference: Well (0.00N,0.00E,0.34Azi)
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
9989.00	46.61	0.32	9876.72	359.84	-46.35	6.32	359.55	440995.84	660759.05	
10021.00	48.83	0.31	9898.25	383.51	-46.22	6.94	383.23	441019.51	660759.18	
10052.00	52.12	359.67	9917.97	407.42	-46.23	10.73	407.14	441043.42	660759.17	
10084.00	54.08	358.70	9937.19	433.00	-46.59	6.59	432.72	441069.00	660758.81	
10115.00	56.26	358.05	9954.89	458.44	-47.32	7.24	458.15	441094.44	660758.08	
10146.00	59.64	357.48	9971.34	484.69	-48.34	11.01	484.39	441120.69	660757.06	
10178.00	64.23	357.09	9986.39	512.89	-49.68	14.38	512.58	441148.89	660755.72	
10209.00	68.75	356.95	9998.75	541.27	-51.16	14.59	540.95	441177.27	660754.24	
10241.00	72.96	357.93	10009.25	571.46	-52.51	13.47	571.14	441207.46	660752.89	
10272.00	77.03	359.32	10017.27	601.39	-53.22	13.82	601.06	441237.39	660752.18	
10303.00	81.09	0.69	10023.15	631.82	-53.22	13.80	631.49	441267.82	660752.18	
10335.00	85.31	1.14	10026.94	663.58	-52.71	13.26	663.26	441299.58	660752.69	
10367.00	87.34	0.84	10028.99	695.51	-52.16	6.41	695.19	441331.51	660753.24	
10398.00	87.83	0.63	10030.30	726.48	-51.76	1.72	726.16	441362.48	660753.64	
10430.00	88.18	0.87	10031.41	758.46	-51.34	1.33	758.14	441394.46	660754.06	
10461.00	88.18	0.42	10032.40	789.44	-50.99	1.45	789.12	441425.44	660754.41	
10492.00	88.25	0.76	10033.36	820.42	-50.67	1.12	820.11	441456.42	660754.73	
10524.00	88.32	0.48	10034.32	852.41	-50.33	0.90	852.09	441488.41	660755.07	
10556.00	89.58	359.96	10034.91	884.40	-50.21	4.26	884.09	441520.40	660755.19	
10587.00	90.07	359.99	10035.00	915.40	-50.22	1.58	915.08	441551.40	660755.18	
10682.00	90.98	0.54	10034.13	1010.39	-49.78	1.12	1010.08	441646.39	660755.62	
10776.00	91.82	0.67	10031.83	1104.36	-48.79	0.90	1104.05	441740.36	660756.61	
10870.00	90.63	1.98	10029.82	1198.31	-46.61	1.88	1198.01	441834.31	660758.79	
10965.00	91.33	2.01	10028.20	1293.24	-43.31	0.74	1292.96	441929.24	660762.09	
11059.00	90.35	2.42	10026.82	1387.15	-39.68	1.13	1386.89	442023.15	660765.72	
11154.00	90.91	1.93	10025.78	1482.08	-36.07	0.78	1481.84	442118.08	660769.33	
11248.00	91.40	1.82	10023.88	1576.01	-33.00	0.53	1575.79	442212.01	660772.40	
11342.00	89.86	2.13	10022.85	1669.95	-29.76	1.67	1669.74	442305.95	660775.64	
11437.00	89.93	2.35	10023.02	1764.87	-26.04	0.24	1764.69	442400.87	660779.36	
11531.00	88.67	1.29	10024.17	1858.81	-23.06	1.75	1858.65	442494.81	660782.34	
11626.00	90.00	0.76	10025.27	1953.79	-21.36	1.51	1953.63	442589.79	660784.04	
11720.00	90.91	0.14	10024.53	2047.78	-20.62	1.17	2047.63	442683.78	660784.78	
11814.00	88.95	0.67	10024.64	2141.78	-19.96	2.16	2141.62	442777.78	660785.44	
11909.00	90.14	0.72	10025.40	2236.76	-18.80	1.25	2236.61	442872.76	660786.60	
12003.00	90.49	359.88	10024.88	2330.76	-18.31	0.97	2330.61	442966.76	660787.09	
12098.00	90.63	359.46	10023.95	2425.75	-18.86	0.47	2425.60	443061.75	660786.54	
12192.00	91.05	358.95	10022.57	2519.73	-20.16	0.70	2519.57	443155.73	660785.24	
12287.00	89.37	359.23	10022.22	2614.72	-21.67	1.79	2614.54	443250.72	660783.73	
12381.00	88.74	359.60	10023.78	2708.70	-22.63	0.78	2708.52	443344.70	660782.77	
12476.00	89.51	359.03	10025.23	2803.68	-23.77	1.01	2803.49	443439.68	660781.63	
12570.00	90.14	359.41	10025.51	2897.67	-25.05	0.78	2897.47	443533.67	660780.35	
12665.00	91.05	358.86	10024.53	2992.65	-26.48	1.12	2992.44	443628.65	660778.92	
12760.00	91.40	359.45	10022.50	3087.62	-27.88	0.72	3087.40	443723.62	660777.52	
12854.00	91.26	0.72	10020.31	3181.59	-27.74	1.36	3181.37	443817.59	660777.66	
12949.00	91.33	1.72	10018.17	3276.55	-25.72	1.05	3276.34	443912.55	660779.68	
13044.00	91.54	1.67	10015.79	3371.48	-22.91	0.23	3371.28	444007.48	660782.49	
13138.00	90.98	2.62	10013.72	3465.39	-19.39	1.17	3465.21	444101.39	660786.01	
13233.00	89.23	2.01	10013.55	3560.30	-15.56	1.95	3560.15	444196.30	660789.84	
13327.00	87.20	1.63	10016.47	3654.21	-12.57	2.20	3654.07	444290.21	660792.83	
13421.00	87.42	1.41	10020.89	3748.07	-10.08	0.33	3747.94	444384.07	660795.32	
13516.00	87.90	0.98	10024.76	3842.97	-8.10	0.68	3842.85	444478.97	660797.30	
13610.00	87.76	0.68	10028.32	3936.89	-6.74	0.35	3936.78	444572.89	660798.66	
13705.00	89.23	0.50	10030.82	4031.85	-5.76	1.56	4031.75	444667.85	660799.64	



Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford®

Company: Occidental Permian Ltd. Date: 10/3/2013 Time: 06:43:36 Page: 4
Field: Eddy Co, NM (Nad 27) Co-ordinate(NE) Reference: Well: Patton 18 Fed #8H, Grid North
Site: Patton 18 Fed #8H Vertical (TVD) Reference: SITE 3527.2
Well: Patton 18 Fed #8H Section (VS) Reference: Well (0.00N,0.00E,0.34Azi)
Wellpath: Lateral 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
13799.00	91.89	0.88	10029.90	4125.83	-4.63	2.86	4125.73	444761.83	660800.77	
13894.00	93.43	0.80	10025.49	4220.72	-3.24	1.62	4220.62	444856.72	660802.16	
13988.00	89.09	0.78	10023.43	4314.66	-1.94	4.62	4314.57	444950.66	660803.46	
14082.00	88.67	0.46	10025.26	4408.64	-0.93	0.56	4408.55	445044.64	660804.47	
14177.00	91.61	359.24	10025.03	4503.62	-1.18	3.35	4503.54	445139.62	660804.22	
14271.00	93.35	357.56	10020.96	4597.49	-3.80	2.57	4597.39	445233.49	660801.60	
14365.00	92.94	356.96	10015.81	4691.24	-8.28	0.77	4691.11	445327.24	660797.12	
14408.00	92.94	356.91	10013.60	4734.13	-10.58	0.12	4733.98	445370.13	660794.82	Last WFT Svy
14468.00	92.94	356.91	10010.52	4793.96	-13.81	0.00	4793.79	445429.96	660791.59	Proj to Bit

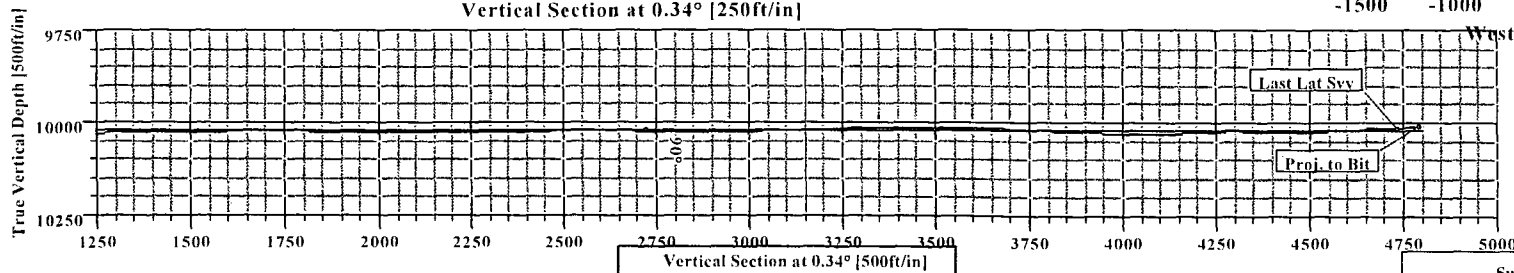
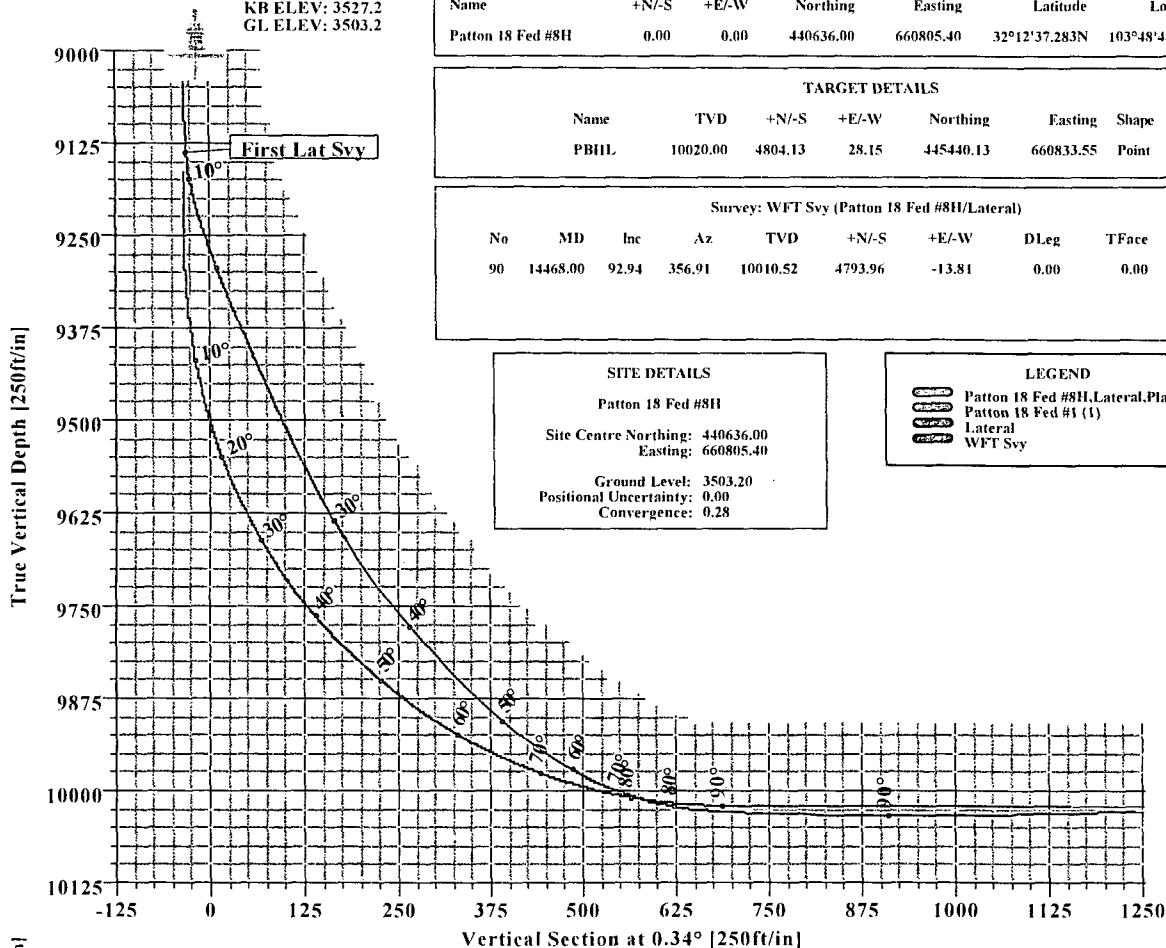
Annotation

MD ft	TVD ft	
897.00	896.99	Tie On AMS
1019.00	1018.99	First WFT Svy
8977.00	8975.02	Tie On Pilot
14408.00	10013.60	Last WFT Svy
14468.00	10010.52	Proj to Bit



Patton 18 Fed #8H
Eddy Co, New Mexico

KB ELEV: 3527.2
GL ELEV: 3503.2



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	9167.00	8.08	344.05	9164.76	-27.61	-28.06	0.00	0.00	-27.77	
2	9261.78	0.46	14.30	9259.21	-20.82	-29.80	8.11	178.27	-21.00	
3	9461.78	12.45	0.63	9457.58	1.59	-29.37	6.00	345.82	1.41	
4	10431.10	89.99	0.69	10019.42	700.80	-21.10	8.00	0.06	700.66	
5	14534.72	89.99	0.69	10020.00	4804.13	28.15	0.00	0.00	4804.21	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Patton 18 Fed #8H	0.00	0.00	440636.00	660805.40	32°12'37.283N	103°48'48.276W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	10020.00	4804.13	28.15	445440.13	660833.55	Point

Survey: WFT Svy (Patton 18 Fed #8H/Lateral)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
90	14468.00	92.94	356.91	10010.52	4793.96	-13.81	0.00	0.00	4793.79

SITE DETAILS

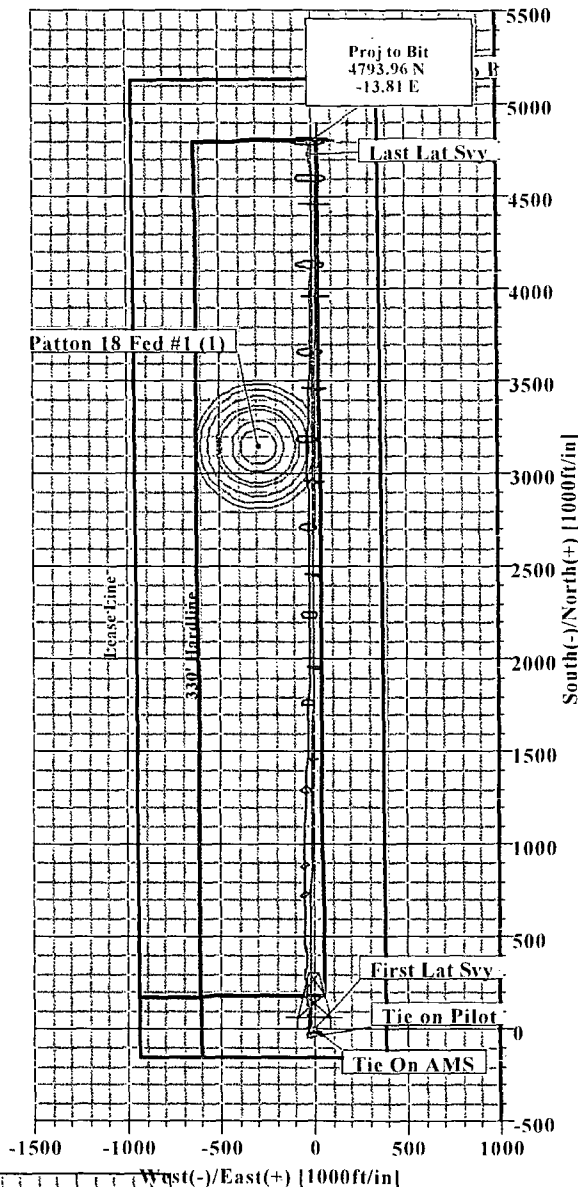
Patton 18 Fed #8H

Site Centre Northing: 440636.00
Easting: 660805.40

Ground Level: 3503.20
Positional Uncertainty: 0.00
Convergence: 0.28

LEGEND

- Patton 18 Fed #8H Lateral Plan #4
- Patton 18 Fed #1 (1)
- Lateral
- WFT Svy



Weatherford

Survey: WFT Svy (Patton 18 Fed #8H/Lateral)

Created By: Michael Dill

Date: 8/26/2013

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Arriba Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41343	Pool Code 13367	Pool Name Cotton Draw Bone Springs
Property Code 304917	Property Name PATTON "18" FED.	Well Number 8H
GRID No. 16696	Operator Name OXY USA INC.	Elevation 3503.2'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	18	24 SOUTH	31 EAST, N.M.P.M.		150'	SOUTH	1700'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	24 SOUTH	31 EAST, N.M.P.M.		330' 336	NORTH	1700' 1714	EAST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. Top Pro Interval - 1113 FSL 1750 FEL (0)
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=445439.9 X=660784.0 LAT.: N 32.2235619° LONG.: W 103.8134040° PENETRATION POINT NEW MEXICO EAST NAD 1927 Y=440845.0 X=660804.6 LAT.: N 32.2108612° LONG.: W 103.8134087° SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=440836.0 X=660805.4 LAT.: N 32.2103564° LONG.: W 103.8134098°	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and accurate to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>David Stewart</i> 12/18/12 Signature Date David Stewart - Reg. Adm. Printed Name david_stewart@oxy.com E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. OCTOBER 29, 2012 Date of Survey Signature and Seal of Professional Surveyor <i>Jerry J. Paul</i> 11/6/12 Certificate Number 15079 WO# 121029WL-c (KA)
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OXY USA Inc.
Patton 18 Federal #8H
API No. 30-015-41343

14-3/4" hole @ 930'
11-3/4" csg @ 930'
w/ 650sx-TOC-Surf-Circ

10-5/8" hole @ 4207'
8-5/8" csg @ 4207'
w/ 2150sx-TOC-Surf-Circ
DVT @ 2659'

7-7/8" hole @ 14468'
5-1/2" csg @ 14460'
w/ 2100sx-TOC-Surf-Circ
DVT @ 4275'

890sx @ 11700-8900'

Perfs @ 10460-14320'

TD - 14468'M 10011'V

TD-11700'