

15-42030



Weatherford

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 30 2015

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

RECEIVED

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

Date: October 8, 2015

Attention: Richard Mercer

Re: Occidental Permian Ltd
Well: Peaches 19 Fed 4H
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>
Liliana Buendia	4H	431 MD	9-21-2015	Measurement
MWD Supervisor		12408 MD	10-5-2015	While Drilling

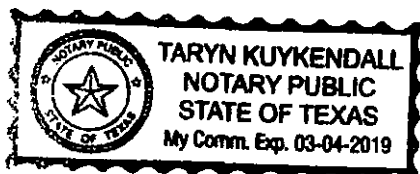
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Justin Washburn
DD Coordinator

On this, the 5th day of October, 2015, before me a notary public, the undersigned officer, personally appeared Justin Washburn, 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



NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 30 2015

RECEIVED



5D Survey Report

OXY USA

Field Name: *Eddy Co. (NAD27 NME)*
Site Name: *Peaches 19 Federal 4H*
Well Name: *Peaches 19 Federal 4H*
Survey: *Definitive survey*

5 October 2015




Weatherford
Peaches 19 Federal 4H

Field Name: Eddy Co. (NAD27 NME)	Map Units: US ft		Company Name: OXY USA	
	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD27 / New Mexico East			
	Comment:			
Site: Peaches 19 Federal 4H	Units: US ft	North Reference: Grid	Convergence Angle: 0.05	
	Position:	Northing: 408156.30US ft	Latitude: 32° 7' 19.56"	
		Easting: 530338.30US ft	Longitude: -104° 14' 7.21"	
	Elevation above MSL: 3222.90 US ft			
Comment:				
Slot: Peaches 19 Federal 4H	Position (Relative to Site Centre)			
	+N/-S: 0.00US ft	Northing: 408156.30US ft	Latitude: 32° 7' 19.56"	
	+E/-W: 0.00US ft	Easting: 530338.30US ft	Longitude: -104° 14' 7.21"	
	Slot TVD Reference: Ground Elevation			
Elevation above MSL: 3222.90US ft				
Comment:				
Well: Peaches 19 Federal 4H	Type: Main well	UWI:		
	File Number:	Comment:		
	Closure Distance: 4898.79US ft	Closure Azimuth: 178.56°		
	Vertical Section: Position of Origin (Relative to Slot centre)			
		+N/-S: -0.00US ft	+E/-W: -0.00US ft	Az: 178.64°
Drill floor: Survey Name: Definitive Survey				
Rig Height (Kelly Bushing): 17.50us ft		Elevation above MSL: 3240.40us ft	Inclination: 0.00°	Azimuth: 0.00°

Survey Name: Definitive Survey				
Date: 14/Aug/2015	Survey Tool: See Survey Tool Ranges below.	Comment:	Company:	
Magnetic Model:				
Model Name: bggm2015	Date: 30/Sep/2015	Field Strength: 48064.9nT	Declination: 7.59°	Dip: 59.90°
Tie Point:				
MD: 0.00 US ft	Inclination: 0.00°	Azimuth: 0.00°	TVD: -0.00 US ft	North Offset: -0.00 US ft East Offset: -0.00 US ft

Survey Tool Ranges:								
Name			Start MD(usft)	End MD(usft)		Source Survey		
MWD			0.00	12430.00		Wft MWD Svy		
Casing Points: (Relative to Slot centre)(TVD relative to Kelly Bushing)								
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
353.00	0.64	50.98	352.99	1.24	1.53	408157.54	530339.83	10 3/4 in
6860.00	0.95	161.88	6853.59	91.79	14.14	408248.09	530352.44	7 5/8 in

Wellpath created using minimum curvature.

Survey Points: (Relative to Slot centre)(TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	H. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (°/100US ft)	Northing (US ft)	Easting (US ft)	Comment
0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.00	0.00	408156.30	530338.30	
353.00	0.64	50.98	352.99	1.24	1.53	-1.20	0.18	408157.54	530339.83	10 3/4 in
431.00	0.78	50.98	430.99	1.85	2.28	-1.79	0.18	408158.15	530340.58	First Wt Svy
493.00	0.88	40.68	492.98	2.47	2.92	-2.40	0.29	408158.77	530341.22	
554.00	0.99	27.65	553.97	3.30	3.47	-3.21	0.39	408159.60	530341.77	
616.00	0.22	60.89	615.97	3.83	3.82	-3.74	1.31	408160.13	530342.12	
677.00	0.38	98.84	676.97	3.85	4.12	-3.76	0.40	408160.15	530342.42	
739.00	0.28	5.62	738.97	3.97	4.34	-3.87	0.78	408160.27	530342.64	
801.00	0.28	336.03	800.97	4.26	4.29	-4.16	0.23	408160.56	530342.59	
864.00	0.17	16.48	863.97	4.49	4.26	-4.39	0.30	408160.79	530342.56	
926.00	0.17	86.55	925.97	4.59	4.38	-4.48	0.31	408160.89	530342.68	
989.00	0.09	263.66	988.97	4.59	4.42	-4.48	0.41	408160.89	530342.72	
1052.00	0.06	340.45	1051.97	4.61	4.36	-4.51	0.15	408160.91	530342.66	
1114.00	0.19	315.75	1113.97	4.72	4.28	-4.61	0.22	408161.02	530342.58	
1177.00	0.14	73.35	1176.97	4.81	4.28	-4.71	0.45	408161.11	530342.58	
1240.00	0.84	77.90	1239.96	4.93	4.80	-4.82	1.11	408161.23	530343.10	
1302.00	0.38	73.17	1301.96	5.09	5.44	-4.96	0.75	408161.39	530343.74	
1365.00	0.20	85.64	1364.96	5.16	5.75	-5.02	0.30	408161.46	530344.05	
1427.00	0.37	290.66	1426.96	5.23	5.67	-5.10	0.90	408161.53	530343.97	
1490.00	0.56	87.43	1489.96	5.32	5.79	-5.18	1.45	408161.62	530344.09	
1553.00	0.94	81.63	1552.95	5.41	6.61	-5.25	0.61	408161.71	530344.91	
1615.00	0.28	49.95	1614.95	5.58	7.23	-5.41	1.16	408161.88	530345.53	
1678.00	0.48	67.72	1677.95	5.78	7.59	-5.60	0.36	408162.08	530345.89	
1741.00	0.28	78.41	1740.94	5.91	7.99	-5.72	0.34	408162.21	530346.29	
1804.00	0.00	0.00	1803.94	5.94	8.14	-5.75	0.44	408162.24	530346.44	
1866.00	0.19	98.33	1865.94	5.93	8.24	-5.73	0.31	408162.23	530346.54	
1929.00	0.12	75.02	1928.94	5.93	8.41	-5.73	0.15	408162.23	530346.71	
1992.00	0.09	71.64	1991.94	5.99	8.49	-5.79	0.16	408162.29	530346.79	
2054.00	0.20	255.75	2053.94	6.01	8.40	-5.81	0.42	408162.31	530346.70	
2117.00	0.22	135.23	2116.94	5.90	8.38	-5.70	0.58	408162.20	530346.68	
2180.00	0.38	351.97	2179.94	6.02	8.44	-5.82	0.91	408162.32	530346.74	
2243.00	0.36	258.31	2242.94	6.19	8.21	-5.99	0.86	408162.49	530346.51	
2306.00	0.31	118.54	2305.94	6.06	8.17	-5.87	1.00	408162.36	530346.47	
2369.00	0.31	8.67	2368.94	6.15	8.34	-5.95	0.81	408162.45	530346.64	
2432.00	0.26	264.05	2431.94	6.30	8.23	-6.11	0.72	408162.60	530346.53	
2495.00	0.12	111.18	2494.94	6.27	8.15	-6.07	0.59	408162.57	530346.45	
2558.00	0.06	231.57	2557.94	6.22	8.18	-6.03	0.25	408162.52	530346.48	
2621.00	0.17	60.90	2620.94	6.25	8.24	-6.05	0.36	408162.55	530346.54	
2684.00	0.09	278.09	2683.94	6.30	8.27	-6.10	0.39	408162.60	530346.57	
2747.00	0.00	0.00	2746.94	6.31	8.22	-6.11	0.14	408162.61	530346.52	
2810.00	0.09	314.65	2809.94	6.34	8.19	-6.14	0.14	408162.64	530346.49	
2873.00	0.12	175.86	2872.94	6.31	8.16	-6.11	0.31	408162.61	530346.46	
2936.00	0.26	94.81	2935.94	6.23	8.30	-6.03	0.43	408162.53	530346.60	
2999.00	0.14	10.64	2998.94	6.30	8.46	-6.09	0.45	408162.60	530346.76	
3062.00	0.20	201.80	3061.94	6.27	8.43	-6.07	0.54	408162.57	530346.73	
3124.00	0.31	164.75	3123.94	6.01	8.44	-5.80	0.31	408162.31	530346.74	
3187.00	0.44	135.00	3186.94	5.67	8.65	-5.46	0.36	408161.97	530346.95	

Survey Points: (Relative to Slot Centre) (TVD relative to Kelly Bushing)										
HD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (%/100US ft)	Northing (US ft)	Easting (US ft)	Comment
3250.00	0.22	189.62	3249.94	5.38	8.80	-5.17	0.57	408161.68	530347.10	
3313.00	0.44	183.31	3312.94	5.02	8.77	-4.81	0.35	408161.32	530347.07	
3376.00	0.33	115.62	3375.93	4.70	8.92	-4.49	0.70	408161.00	530347.22	
3565.00	0.19	50.47	3564.93	4.66	9.65	-4.43	0.16	408160.96	530347.95	
3628.00	0.22	267.92	3627.93	4.73	9.61	-4.50	0.62	408161.03	530347.91	
3754.00	0.09	252.42	3753.93	4.69	9.28	-4.47	0.11	408160.99	530347.58	
3879.00	0.14	355.91	3878.93	4.81	9.17	-4.59	0.15	408161.11	530347.47	
3942.00	0.09	200.23	3941.93	4.84	9.15	-4.62	0.36	408161.14	530347.45	
4068.00	0.06	279.51	4067.93	4.76	9.05	-4.54	0.08	408161.06	530347.35	
4131.00	0.12	229.52	4130.93	4.72	8.97	-4.51	0.15	408161.02	530347.27	
4194.00	0.57	254.36	4193.93	4.59	8.61	-4.39	0.74	408160.89	530346.91	
4320.00	0.18	192.12	4319.93	4.23	7.97	-4.04	0.41	408160.53	530346.27	
4383.00	0.26	234.96	4382.93	4.05	7.83	-3.87	0.28	408160.35	530346.13	
4572.00	0.25	117.31	4571.93	3.62	7.85	-3.43	0.23	408159.92	530346.15	
4761.00	0.18	75.94	4760.93	3.50	8.50	-3.30	0.09	408159.80	530346.80	
4824.00	0.09	165.50	4823.93	3.48	8.61	-3.27	0.32	408159.78	530346.91	
4887.00	0.09	174.91	4886.93	3.38	8.63	-3.17	0.02	408159.68	530346.93	
5012.00	0.35	87.23	5011.92	3.30	9.02	-3.09	0.29	408159.60	530347.32	
5074.00	0.18	352.20	5073.92	3.41	9.19	-3.19	0.66	408159.71	530347.49	
5137.00	0.20	183.53	5136.92	3.39	9.17	-3.18	0.60	408159.69	530347.47	
5262.00	0.35	213.98	5261.92	2.86	8.95	-2.65	0.16	408159.16	530347.25	
5325.00	0.82	219.48	5324.92	2.35	8.55	-2.15	0.75	408158.65	530346.85	
5449.00	0.71	199.88	5448.91	0.94	7.73	-0.76	0.23	408157.24	530346.03	
5512.00	0.40	111.90	5511.91	0.50	7.80	-0.31	1.27	408156.80	530346.10	
5575.00	0.09	29.05	5574.91	0.46	8.03	-0.27	0.63	408156.76	530346.33	
5638.00	0.06	333.61	5637.91	0.53	8.03	-0.34	0.12	408156.83	530346.33	
5701.00	0.28	3.20	5700.91	0.71	8.03	-0.52	0.36	408157.01	530346.33	
5764.00	0.49	272.26	5763.90	0.88	7.77	-0.69	0.90	408157.18	530346.07	
5827.00	0.22	191.00	5826.90	0.77	7.48	-0.59	0.80	408157.07	530345.78	
5890.00	1.41	32.56	5889.90	1.30	7.87	-1.12	2.57	408157.60	530346.17	
5953.00	1.52	75.74	5952.88	2.16	9.10	-1.95	1.72	408158.46	530347.40	
6016.00	1.82	74.12	6015.85	2.64	10.87	-2.38	0.48	408158.94	530349.17	
6079.00	3.37	52.67	6078.79	4.04	13.30	-3.72	2.86	408160.34	530351.60	
6142.00	5.61	27.07	6141.60	7.90	16.18	-7.52	4.69	408164.20	530354.48	
6205.00	8.32	16.66	6204.13	15.02	18.89	-14.56	4.73	408171.32	530357.19	
6269.00	9.92	356.43	6267.33	24.96	19.87	-24.48	5.56	408181.26	530358.17	
6332.00	9.78	350.79	6329.40	35.65	18.68	-35.20	1.55	408191.95	530356.98	
6395.00	8.93	359.46	6391.57	45.83	17.77	-45.39	2.61	408202.13	530356.07	
6458.00	8.65	6.03	6453.83	55.43	18.23	-54.98	1.65	408211.73	530356.53	
6521.00	7.85	359.13	6516.18	64.44	18.66	-63.98	2.02	408220.74	530356.96	
6584.00	7.05	355.55	6578.65	72.60	18.29	-72.14	1.47	408228.90	530356.59	
6647.00	6.83	353.92	6641.19	80.18	17.60	-79.74	0.47	408236.48	530355.90	
6710.00	5.82	349.03	6703.80	87.04	16.59	-86.62	1.82	408243.34	530354.89	
6773.00	2.91	323.87	6766.62	91.47	15.04	-91.08	5.42	408247.77	530353.34	
6836.00	1.03	181.43	6829.60	92.19	14.08	-91.83	6.00	408248.49	530352.38	
6860.00	0.95	161.88	6853.59	91.79	14.14	-91.43	1.44	408248.09	530352.44	7 5/8 in
6899.00	1.08	130.65	6892.59	91.24	14.52	-90.87	1.44	408247.54	530352.82	
6961.00	0.86	140.04	6954.58	90.50	15.26	-90.12	0.44	408246.80	530353.56	
7055.00	3.65	208.23	7048.50	87.32	14.30	-86.96	3.64	408243.62	530352.60	
7086.00	6.35	202.55	7079.38	84.87	13.17	-84.54	8.84	408241.17	530351.47	
7117.00	9.26	197.30	7110.09	80.91	11.78	-80.60	9.66	408237.21	530350.08	
7148.00	11.55	194.00	7140.58	75.51	10.28	-75.25	7.63	408231.81	530348.58	
7179.00	13.82	192.39	7170.82	68.88	8.74	-68.66	7.41	408225.18	530347.04	
7211.00	15.95	190.61	7201.75	60.83	7.11	-60.64	6.81	408217.13	530345.41	
7242.00	19.08	190.49	7231.31	51.66	5.40	-51.52	10.10	408207.96	530343.70	
7273.00	21.75	189.23	7260.36	41.00	3.56	-40.91	8.73	408197.30	530341.86	
7305.00	24.79	185.82	7289.75	28.47	1.92	-28.42	10.39	408184.77	530340.22	
7336.00	28.16	183.89	7317.50	14.71	0.77	-14.68	11.22	408171.01	530339.07	
7367.00	31.13	182.15	7344.44	-0.60	-0.03	0.60	9.97	408155.70	530338.27	

5" Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Kelly Bushing)										
ID (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100US ft)	Northing (US ft)	Easting (US ft)	Comment
7398.00	31.92	180.10	7370.86	-16.81	-0.34	16.79	4.30	408139.49	530337.96	
7430.00	32.61	178.16	7397.92	-33.88	-0.08	33.87	3.89	408122.42	530338.22	
7461.00	34.29	178.71	7423.79	-50.97	0.38	50.96	5.51	408105.33	530338.68	
7492.00	36.87	180.57	7449.00	-69.00	0.49	68.99	9.02	408087.30	530338.79	
7523.00	38.13	182.83	7473.59	-87.86	-0.08	87.83	6.02	408068.44	530338.22	
7555.00	40.84	185.59	7498.29	-108.14	-1.58	108.08	10.09	408048.16	530336.72	
7586.00	43.85	186.71	7521.20	-128.90	-3.83	128.77	10.01	408027.40	530334.47	
7617.00	46.13	184.99	7543.12	-150.70	-6.05	150.52	8.33	408005.60	530332.25	
7649.00	49.17	182.88	7564.68	-174.29	-7.67	174.06	10.68	407982.01	530330.63	
7680.00	51.12	181.37	7584.55	-198.07	-8.54	197.81	7.32	407958.23	530329.76	
7712.00	52.13	179.83	7604.41	-223.15	-8.80	222.88	4.92	407933.15	530329.50	
7743.00	53.74	178.69	7623.10	-247.89	-8.48	247.62	5.97	407908.41	530329.82	
7775.00	56.77	177.67	7641.33	-274.16	-7.64	273.91	9.82	407882.14	530330.66	
7806.00	58.90	176.82	7657.83	-300.37	-6.38	300.14	7.25	407855.93	530331.92	
7837.00	61.22	176.17	7673.30	-327.18	-4.74	326.98	7.70	407829.12	530333.56	
7869.00	62.93	175.61	7688.29	-355.38	-2.71	355.22	5.56	407800.92	530335.59	
7900.00	63.97	175.36	7702.15	-383.03	-0.53	382.91	3.43	407773.77	530337.77	
7932.00	65.92	176.54	7715.70	-411.94	1.52	411.86	6.95	407744.36	530339.82	
7963.00	67.90	176.91	7727.85	-440.41	3.15	440.36	6.48	407715.89	530341.45	
7995.00	69.97	177.51	7739.36	-470.24	4.60	470.21	6.70	407686.06	530342.90	
8026.00	72.44	178.29	7749.34	-499.56	5.67	499.56	8.32	407656.74	530343.97	
8057.00	75.36	178.79	7757.94	-529.33	6.43	529.34	9.55	407626.97	530344.73	
8089.00	77.76	178.75	7765.38	-560.45	7.10	560.46	7.50	407595.85	530345.40	
8120.00	79.71	178.31	7771.43	-590.84	7.88	590.86	6.44	407565.46	530346.18	
8152.00	80.89	178.13	7776.82	-622.36	8.86	622.40	3.73	407533.94	530347.16	
8183.00	82.57	177.62	7781.28	-653.02	10.00	653.07	5.66	407503.28	530348.30	
8215.00	83.92	177.31	7785.05	-684.77	11.40	684.84	4.33	407471.53	530349.70	
8245.00	86.05	177.08	7787.67	-714.61	12.87	714.72	7.14	407441.69	530351.17	
8277.00	87.96	177.55	7789.34	-746.53	14.36	746.66	6.15	407409.77	530352.66	
8339.00	88.39	178.41	7791.31	-808.46	16.55	808.63	1.55	407347.84	530354.85	
8402.00	88.09	178.27	7793.25	-871.41	18.37	871.60	0.53	407284.89	530356.67	
8464.00	88.27	178.37	7795.22	-933.35	20.19	933.56	0.33	407222.95	530358.49	
8527.00	89.57	179.58	7796.41	-996.32	21.31	996.55	2.82	407159.98	530359.61	
8590.00	89.26	179.68	7797.05	-1059.32	21.72	1059.54	0.52	407096.98	530360.02	
8716.00	89.12	180.14	7798.83	-1185.31	21.92	1185.49	0.38	406970.99	530360.22	
8778.00	90.31	179.32	7799.14	-1247.30	22.21	1247.48	2.33	406909.00	530360.51	
8841.00	90.12	177.81	7798.90	-1310.28	23.79	1310.48	2.42	406846.02	530362.09	
8968.00	90.06	176.73	7798.70	-1437.14	29.84	1437.44	0.85	406719.16	530368.14	
9030.00	90.00	177.21	7798.67	-1499.05	33.12	1499.41	0.78	406657.25	530371.42	
9156.00	90.06	177.66	7798.60	-1624.92	38.75	1625.38	0.36	406531.38	530377.05	
9281.00	89.57	176.68	7799.01	-1749.77	44.93	1750.34	0.88	406406.53	530383.23	
9406.00	89.38	178.56	7800.15	-1874.65	50.12	1875.31	1.51	406281.65	530388.42	
9531.00	89.51	179.26	7801.36	-1999.62	52.49	2000.30	0.57	406156.68	530390.79	
9655.00	89.44	179.34	7802.50	-2123.60	54.01	2124.29	0.09	406032.70	530392.31	
9780.00	90.00	178.78	7803.11	-2248.58	56.06	2249.28	0.63	405907.72	530394.36	
9906.00	90.00	178.59	7803.11	-2374.55	58.95	2375.28	0.15	405781.75	530397.25	
10032.00	90.00	178.59	7803.11	-2500.51	62.05	2501.28	0.00	405655.79	530400.35	
10158.00	90.06	178.19	7803.05	-2626.46	65.59	2627.28	0.32	405529.84	530403.89	
10283.00	90.06	178.91	7802.91	-2751.42	68.75	2752.28	0.58	405404.88	530407.05	
10409.00	90.12	180.00	7802.72	-2877.41	69.95	2878.26	0.87	405278.89	530408.25	
10534.00	89.94	178.03	7802.65	-3002.39	72.10	3003.26	1.58	405153.91	530410.40	
10659.00	90.19	177.15	7802.51	-3127.28	77.36	3128.23	0.73	405029.02	530415.66	
10785.00	90.06	176.96	7802.23	-3253.11	83.83	3254.18	0.18	404903.19	530422.13	
10911.00	89.94	177.41	7802.23	-3378.96	90.02	3380.14	0.37	404777.34	530428.32	
11037.00	90.06	179.18	7802.23	-3504.90	93.77	3506.14	1.41	404651.40	530432.07	
11162.00	90.06	178.85	7802.10	-3629.88	95.92	3631.13	0.26	404526.42	530434.22	
11286.00	89.88	181.14	7802.17	-3753.87	95.93	3755.09	1.85	404402.43	530434.23	
11412.00	90.25	181.47	7802.03	-3879.84	93.06	3880.95	0.39	404276.46	530431.36	
11537.00	90.06	178.85	7801.69	-4004.83	92.71	4005.90	2.10	404151.47	530431.01	

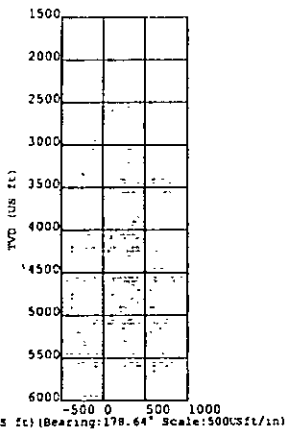
5 Survey Data

Survey Points: (Relative to Slot centre)(TVD relative to Kelly Bushing)										
ID (US ft)	Inc (°)	Az (°)	TVD (US ft)	H. Onset (US ft)	E. Onset (US ft)	VS (US ft)	DLS (%/100US ft)	Northing (US ft)	Easting (US ft)	Comment
11663.00	90.06	176.94	7801.56	-4130.74	97.34	4131.80	1.52	404025.56	530435.64	
11789.00	90.12	177.92	7801.36	-4256.61	102.99	4257.85	0.78	403899.69	530441.29	
11913.00	90.12	177.62	7801.10	-4380.51	107.81	4381.84	0.24	403775.79	530446.11	
12039.00	90.19	177.61	7800.76	-4506.40	113.06	4507.82	0.06	403649.90	530451.36	
12164.00	90.12	178.40	7800.42	-4631.33	117.41	4632.81	0.63	403524.97	530455.71	
12290.00	89.75	178.21	7800.56	-4757.27	121.13	4758.80	0.33	403399.03	530459.43	
12329.96	89.75	178.86	7800.74	-4797.22	122.15	4798.76	1.64	403359.08	530460.45	Cross 330 HL
12408.00	89.74	180.14	7801.09	-4875.25	122.83	4876.79	1.64	403281.05	530461.13	Last Wft Svy
12430.00	89.74	180.14	7801.19	-4897.25	122.78	4898.79	0.00	403259.05	530461.08	Proj. To Bit



Peaches 19 Fed 4H
Eddy Co, NM

KB: 3240.40
GL: 3222.90



Plan Data for Peaches 19 Federal 4H

Plan Point Information:

Dogleg Severity Unit: °/100.00ft Position offsets from Slot centre

MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
8968.00	90.06	176.73	7798.70	-1437.14	29.84	406719.16	530368.14	1437.44	0.85
9065.60	89.50	178.60	7799.08	-1534.65	33.81	406621.65	530372.11	1535.02	2.00
9433.60	89.50	178.60	7802.29	-1902.53	42.81	406253.77	530381.11	1903.01	0.00
9458.60	90.00	178.60	7802.40	-1927.52	43.42	406228.78	530381.72	1928.01	2.00
12479.19	90.00	178.60	7802.40	-4947.20	117.40	403209.10	530455.70	4948.59	0.00

Plan Data for Peaches 19 Federal 4H

Slot: Peaches 19 Federal 4H

Position:

Offset 1s from Site centre

+N/-S: 0.00USft Northing: 408156.30USft Latitude: 32.122100°

+E/-W: 0.00USft Easting: 530338.30USft Longitude: -104.235336°

Elevation Above VRD: 3227.90USft

Plan Data for Peaches 19 Federal 4H

Well: Peaches 19 Federal 4H

Type: Main-Well

File Number:

Plan Folder: P2 Plan: P2:V1

Vertical Section: Position offset of origin from Slot centre:

+N/-S: -0.00USft Azimuth: 178.64°

+E/-W: -0.00USft

Magnetic Parameters:

Model: Field Strength: Declination: Dip: Date:

bggm2015 48064(NT) 7.59° 59.90° 2015-09-30

Plan Data for Peaches 19 Federal 4H

Target Set Information:

Name: Peaches 19 Federal 4H

Position offsets from Slot centre

Name	TVD	SS	+N/-S	+E/-W	Northing	Easting
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)
S Tgt	7076.20	-3835.80	99.93	-2.37	408256.23	530335.93
P8HL 4H	7802.40	-4562.00	-4947.20	117.40	403209.10	530455.70

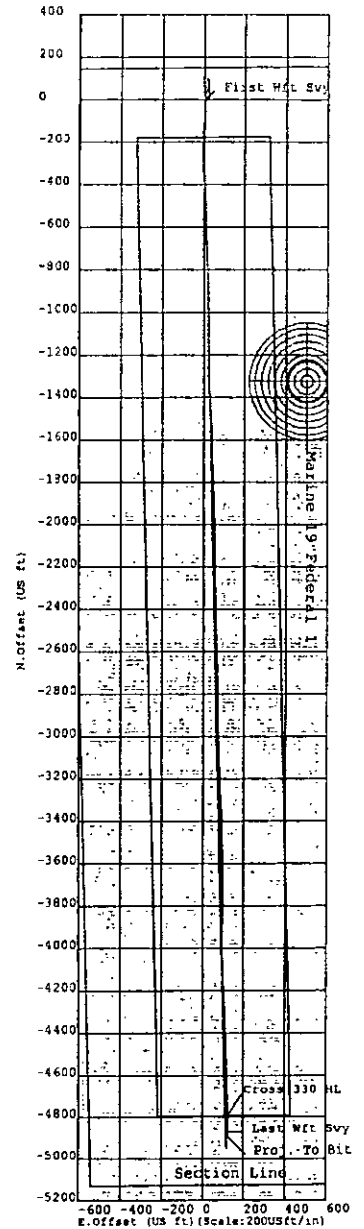
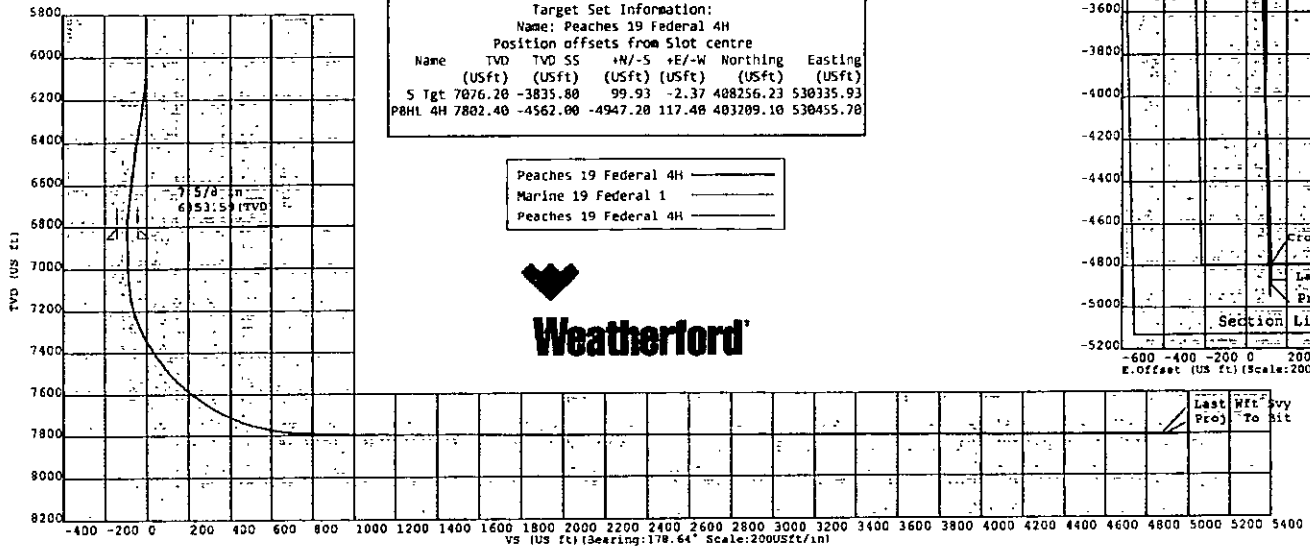
Peaches 19 Federal 4H

Marine 19 Federal 1

Peaches 19 Federal 4H



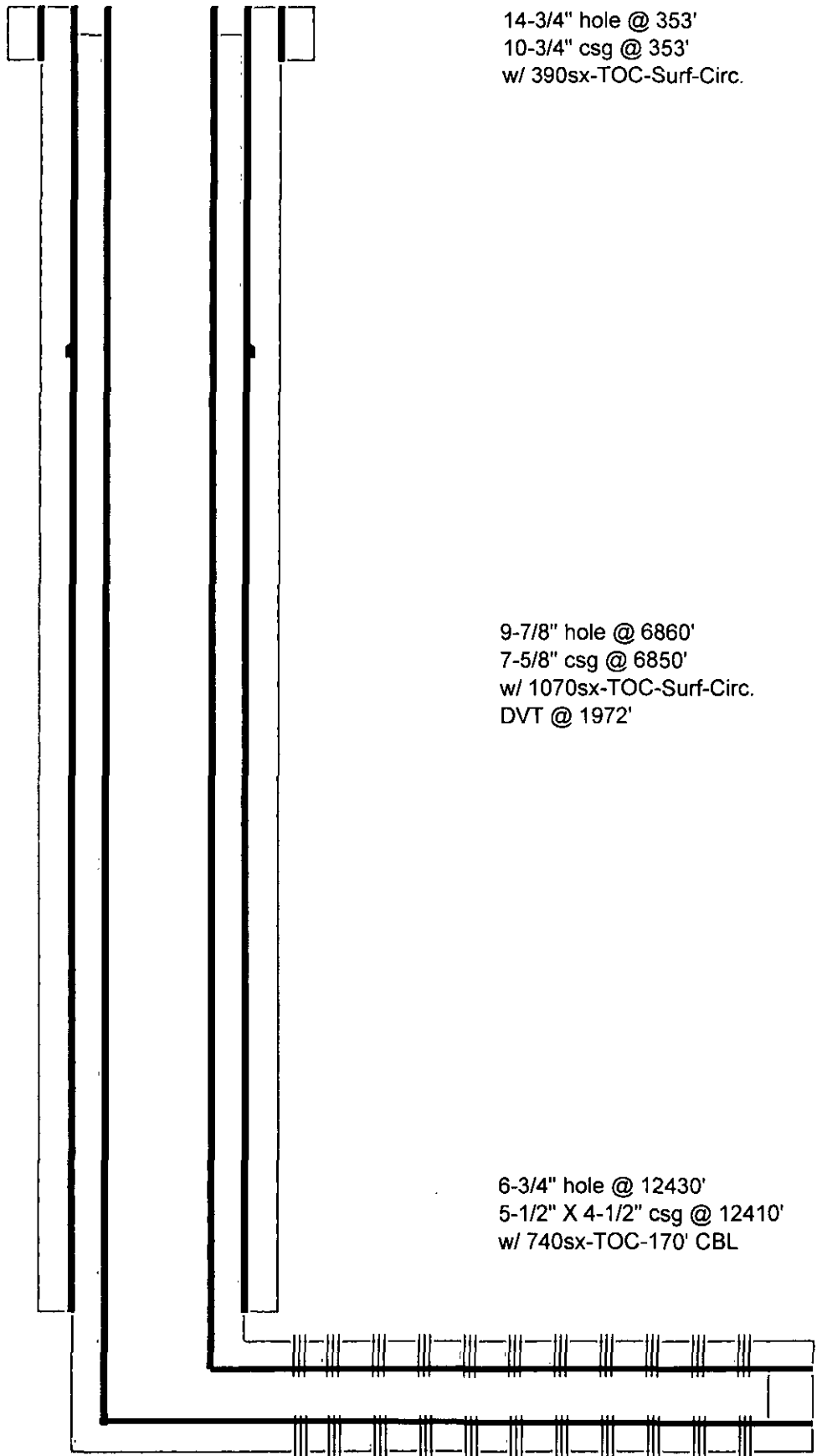
Weatherford



ARTESIA DISTRICT
OCT 30 2015

OXY USA INC.
Peaches 19 Federal 4H
API No. 30-015-42030

RECEIVED



Perfs @ 12310-8156'

TD- 12430' M 7801' V