

15- 42446



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: September 22, 2015

Attention: Chan Tysor

Re: Occidental Permian Ltd
Well: Peaches 19 Fed 311
Eddy County, New Mexico

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 30 2015

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
Liliana Buendia MWD Supervisor	3H	416 MD 12219 MD	8-29-2015 9-18-2015	Measurement While Drilling

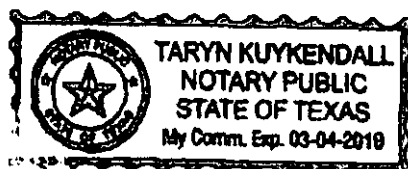
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Dave Walker
Survey Supervisor

On this, the 6th day of October, 20 15, before me a notary public, the undersigned officer, personally appeared Dave Walker, 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





5D Survey Report

OXY USA

Field Name: *Eddy Co. (NAD27 NME)*

Site Name: *Peaches 19 Fed 3H*

Well Name: *Peaches 19 Fed 3H*

Survey: *Definitive survey*

18 September 2015





Peaches 19 Fed 3H

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 Fed
3H

Units: US ft

North Reference: Grid

Convergence Angle: 0.05

Position: Northing: 403764.90US ft

Latitude: 32° 6' 36.09"

Easting: 531762.80US ft

Longitude: -104° 13' 50.69"

Elevation above MSL: 3171.30 US ft

Comment:

Slot:
Peaches 19 Fed
3H

Position (Relative to Site Centre)

+N/-S: 0.00US ft

Northing: 403764.90US ft

Latitude: 32° 6' 36.09"

+E/-W: 0.00US ft

Easting: 531762.80US ft

Longitude: -104° 13' 50.69"

Slot TVD Reference: Ground Elevation

Elevation above MSL: 3171.30US ft

Comment:

Well:
Peaches 19 Fed
3H

Type: Main well

UWI:

File Number:

Comment:

Closure Distance: 4343.73US ft

Closure Azimuth: 358.69°

Vertical Section: Position of Origin (Relative to Slot centre)

+N/-S: 0.00US ft

+E/-W: 0.00US ft

Az: 358.64°

Drill/floor: Survey Name: Definitive Survey

Rig Height (Kelly Bushing): Elevation above MSL:
17.50us ft

3188.80us 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: BGGM

Date: 15/Sep/2014

Field Strength:
48165.8nT

Declination: 7.70°

Dip: 59.90°

Tie Point:

MD: 0.00 US ft

Inclination:
0.00°

Azimuth: 0.00°

TVD: 0.00 US
ftNorth Offset: 0.00 US
ftEast Offset: 0.00 US
ft

SD Survey Report

Survey Tool Ranges:			
Name	Start MD (US ft)	End MD (US ft)	Source Survey
INWD	0.00	12272.00	Wt MWD Svy

Survey Points: (Relative to Slot Centre) (TVD relative to Kelly Bushing)								
MD (US ft)	Inc (°)	AS (°)	TVD (US ft)	HO Offset (US ft)	VO Offset (US ft)	U/S (°)	North (US ft)	East (US ft)
348.00	0.42	332.84	348.00	1.13	-0.58	1.14	403766.03	531762.22
7100.00	1.30	177.49	7063.42	-339.79	-3.47	3.47	403425.11	531759.33

Wellpath created using minimum curvature.

Survey Points: (Relative to Slot Centre) (TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	AS (°)	TVD (US ft)	HO Offset (US ft)	VO Offset (US ft)	U/S (°)	U/S (°)	North (US ft)	East (US ft)	Comments
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	403764.90	531762.80	
348.00	0.42	332.84	348.00	1.13	-0.58	1.14	0.12	403766.03	531762.22	13 3/8 in
416.00	0.50	332.84	415.99	1.61	-0.83	1.63	0.12	403766.51	531761.97	First Wt Svy
447.00	0.44	333.51	446.99	1.84	-0.94	1.86	0.19	403766.74	531761.86	
509.00	0.31	20.08	508.99	2.21	-0.99	2.24	0.52	403767.11	531761.81	
570.00	0.44	347.98	569.99	2.60	-0.98	2.62	0.40	403767.50	531761.82	
632.00	0.66	12.86	631.99	3.18	-0.95	3.20	0.52	403768.08	531761.85	
694.00	0.87	30.08	693.98	3.93	-0.64	3.95	0.50	403768.83	531762.16	
756.00	0.94	12.95	755.98	4.84	-0.29	4.84	0.45	403769.74	531762.51	
819.00	0.35	33.96	818.97	5.50	-0.07	5.50	0.99	403770.40	531762.73	
882.00	0.25	131.47	881.97	5.57	0.14	5.56	0.72	403770.47	531762.94	
944.00	0.26	341.49	943.97	5.61	0.20	5.61	0.79	403770.51	531763.00	
1007.00	0.06	350.20	1006.97	5.78	0.15	5.77	0.32	403770.68	531762.95	
1070.00	0.26	31.50	1069.97	5.93	0.22	5.93	0.35	403770.83	531763.02	
1133.00	0.14	262.05	1132.97	6.05	0.22	6.04	0.58	403770.95	531763.02	
1259.00	3.90	90.88	1258.88	5.96	4.35	5.85	3.21	403770.86	531767.15	
1322.00	5.57	88.64	1321.66	6.00	9.55	5.77	2.67	403770.90	531772.35	
1385.00	4.54	75.64	1384.41	6.69	15.02	6.33	2.44	403771.58	531777.82	
1510.00	0.93	113.64	1509.20	7.51	20.75	7.01	3.08	403772.41	531783.55	
1573.00	2.00	73.28	1572.24	7.62	22.27	7.09	2.26	403772.52	531785.07	
1699.00	1.05	105.80	1698.19	7.94	25.49	7.33	0.99	403772.84	531788.29	
1762.00	1.44	58.80	1761.18	8.19	26.72	7.56	1.68	403773.09	531789.52	
1825.00	0.53	30.20	1824.17	8.85	27.54	8.20	1.60	403773.75	531790.34	
1888.00	0.50	264.78	1887.17	9.08	27.41	8.43	1.45	403773.98	531790.21	
1950.00	0.99	259.79	1949.16	8.96	26.62	8.33	0.80	403773.86	531789.42	
2013.00	0.97	267.41	2012.15	8.84	25.55	8.23	0.21	403773.74	531788.35	
2076.00	0.69	257.37	2075.15	8.73	24.65	8.15	0.50	403773.63	531787.45	
2139.00	0.62	245.20	2138.14	8.51	23.97	7.94	0.25	403773.41	531786.77	
2201.00	0.45	235.28	2200.14	8.23	23.46	7.67	0.31	403773.13	531786.26	
2264.00	0.50	209.23	2263.14	7.85	23.12	7.30	0.35	403772.75	531785.92	
2327.00	0.57	222.66	2326.14	7.38	22.78	6.83	0.23	403772.28	531785.58	
2390.00	0.53	219.15	2389.13	6.92	22.38	6.39	0.08	403771.82	531785.18	
2453.00	0.09	241.80	2452.13	6.67	22.15	6.14	0.71	403771.57	531784.95	
2516.00	0.06	167.60	2515.13	6.62	22.12	6.09	0.15	403771.52	531784.92	
2579.00	0.22	309.22	2578.13	6.66	22.03	6.14	0.43	403771.56	531784.83	
2641.00	0.26	295.27	2640.13	6.79	21.81	6.28	0.11	403771.69	531784.61	
2704.00	0.32	280.62	2703.13	6.89	21.51	6.38	0.15	403771.79	531784.31	
2767.00	0.70	272.42	2766.13	6.94	20.95	6.44	0.61	403771.84	531783.75	
2955.00	0.53	240.09	2954.12	6.55	19.05	6.10	0.20	403771.45	531781.85	
3018.00	0.22	275.76	3017.12	6.42	18.68	5.97	0.59	403771.32	531781.48	
3081.00	0.25	270.29	3080.12	6.43	18.42	5.99	0.06	403771.33	531781.22	
3207.00	0.74	164.16	3206.11	5.65	18.37	5.21	0.67	403770.55	531781.17	
3270.00	0.88	168.51	3269.11	4.78	18.58	4.34	0.24	403769.68	531781.38	
3332.00	1.05	185.75	3331.10	3.75	18.61	3.31	0.54	403768.65	531781.41	
3458.00	0.88	229.86	3457.08	1.98	17.76	1.56	0.59	403766.88	531780.56	
3521.00	0.35	223.44	3520.08	1.53	17.26	1.12	0.85	403766.43	531780.06	
3584.00	0.18	164.98	3583.08	1.29	17.15	0.89	0.47	403766.19	531779.95	

5D Survey Report

Survey Points: (Relative to Slit centre) (TVD relative to Kelly Bushing)									
(ID)	(m)	(m)	(TVD)	(m)	(m)	(m)	(m)	(m)	(m)
(US ft)	(ft)	(ft)	(US ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
3709.00	0.35	209.94	3708.08	0.77	17.01	0.37	0.21	403765.67	531779.81
3772.00	0.35	200.95	3771.07	0.43	16.84	0.03	0.09	403765.33	531779.64
3960.00	0.40	203.29	3959.07	-0.71	16.38	-1.10	0.03	403764.19	531779.18
4023.00	0.48	199.28	4022.07	-1.16	16.21	-1.55	0.14	403763.74	531779.01
4149.00	0.09	264.94	4148.07	-1.67	15.93	-2.05	0.36	403763.23	531778.73
4211.00	0.67	260.28	4210.06	-1.74	15.53	-2.10	0.94	403763.16	531778.33
4321.00	0.22	146.18	4320.06	-2.02	15.01	-2.38	0.71	403762.88	531777.81
4509.00	0.14	203.93	4508.06	-2.53	15.12	-2.89	3.10	403762.37	531777.92
4759.00	0.17	311.71	4758.06	-2.56	14.72	-2.91	0.10	403762.34	531777.52
4884.00	0.12	12.96	4883.06	-2.31	14.61	-2.66	0.12	403762.59	531777.41
4947.00	0.55	135.74	4946.06	-2.46	14.83	-2.81	0.99	403762.44	531777.63
5009.00	1.18	175.44	5008.05	-3.31	15.09	-3.67	1.35	403761.59	531777.89
5072.00	2.03	203.41	5071.03	-4.98	14.70	-5.33	1.80	403759.92	531777.50
5135.00	2.88	229.18	5133.97	-7.04	13.06	-7.35	2.18	403757.86	531775.86
5198.00	3.15	254.91	5196.89	-8.53	10.19	-8.77	2.17	403756.37	531772.99
5223.00	3.21	259.74	5221.85	-8.83	8.84	-9.04	1.10	403756.07	531771.64
5286.00	3.51	224.24	5284.75	-10.53	5.76	-10.66	3.28	403754.37	531768.56
5349.00	5.06	199.90	5347.57	-14.52	3.47	-14.60	3.74	403750.38	531766.27
5412.00	7.09	186.99	5410.22	-20.99	2.05	-21.04	3.86	403743.91	531764.85
5474.00	8.54	182.77	5471.64	-29.39	1.36	-29.41	2.51	403735.51	531764.16
5537.00	11.03	180.51	5533.72	-40.09	1.08	-40.11	4.00	403724.81	531763.88
5600.00	12.52	181.20	5595.39	-52.94	0.88	-52.95	2.38	403711.96	531763.68
5662.00	11.94	183.81	5655.99	-66.06	0.32	-66.05	1.29	403698.84	531763.12
5725.00	11.84	180.98	5717.64	-79.03	-0.23	-79.00	0.94	403685.87	531762.57
5788.00	12.10	179.60	5779.27	-92.09	-0.29	-92.06	0.61	403672.81	531762.51
5850.00	12.24	179.33	5839.87	-105.16	-0.17	-105.13	0.24	403659.74	531762.63
5913.00	13.25	179.92	5901.32	-119.06	-0.08	-119.03	1.62	403645.84	531762.72
5976.00	14.38	182.11	5962.50	-134.10	-0.36	-134.05	1.98	403630.80	531762.44
6038.00	14.46	182.87	6022.54	-149.52	-1.03	-149.46	0.33	403615.38	531761.77
6101.00	15.06	180.32	6083.47	-165.56	-1.47	-165.48	1.40	403599.34	531761.33
6164.00	12.93	180.94	6144.59	-180.80	-1.63	-180.71	3.39	403584.10	531761.17
6226.00	13.12	180.36	6205.00	-194.77	-1.79	-194.67	0.37	403570.13	531761.01
6289.00	14.98	178.01	6266.11	-210.06	-1.55	-209.96	3.09	403554.84	531761.25
6352.00	15.20	176.35	6326.94	-226.44	-0.74	-226.36	0.77	403538.46	531762.06
6478.00	14.90	173.62	6448.62	-259.02	2.11	-259.00	0.61	403505.88	531764.91
6541.00	14.04	173.57	6509.62	-274.67	3.86	-274.68	1.37	403490.23	531766.66
6604.00	12.45	174.05	6570.94	-289.02	5.42	-289.06	2.53	403475.88	531768.22
6667.00	9.96	175.73	6632.74	-301.21	6.53	-301.28	3.99	403463.69	531769.33
6730.00	8.26	181.82	6694.94	-311.16	6.80	-311.24	3.10	403453.74	531769.60
6793.00	7.25	191.08	6757.37	-319.59	5.89	-319.64	2.55	403445.31	531768.69
6856.00	5.87	200.96	6819.95	-326.50	3.97	-326.50	2.82	403438.40	531766.77
6918.00	4.60	210.12	6881.69	-331.61	1.59	-331.55	2.45	403433.29	531764.39
6982.00	3.36	214.07	6945.54	-335.38	-0.75	-335.27	1.98	403429.52	531762.05
7041.00	2.83	217.78	7004.45	-337.97	-2.61	-337.81	0.96	403426.93	531760.19
7100.00	1.30	177.49	7063.42	-339.79	-3.47	-339.61	3.43	403425.11	531759.33
7130.00	1.27	130.39	7093.41	-340.34	-3.21	-340.17	3.43	403424.56	531759.59
7162.00	3.40	46.84	7125.39	-339.92	-2.24	-339.77	10.92	403424.98	531760.56
7193.00	5.75	45.81	7156.29	-338.21	-0.46	-338.11	7.58	403426.69	531762.34
7225.00	6.67	34.64	7188.10	-335.56	1.75	-335.51	4.73	403429.34	531764.55
7257.00	7.81	28.99	7219.84	-332.13	3.86	-332.13	4.20	403432.77	531766.66
7288.00	9.37	23.04	7250.50	-327.97	5.87	-328.02	5.79	403436.93	531768.67
7320.00	9.93	18.61	7282.04	-322.96	7.77	-323.05	2.91	403441.94	531770.57
7351.00	10.58	11.93	7312.55	-317.64	9.21	-317.77	4.37	403447.26	531772.01
7362.00	10.91	9.63	7323.36	-315.62	9.59	-315.76	4.92	403449.28	531772.39
7393.00	11.87	8.13	7353.74	-309.58	10.53	-309.74	3.24	403455.32	531773.33
7471.00	16.47	6.21	7429.35	-290.63	12.86	-290.86	5.93	403474.27	531775.66
7503.00	19.54	7.70	7459.78	-280.82	14.07	-281.07	9.70	403484.08	531776.87
7534.00	22.57	8.00	7488.71	-269.79	15.60	-270.08	9.78	403495.11	531778.40
7566.00	25.14	6.53	7517.97	-256.95	17.22	-257.29	8.24	403507.95	531780.02

9.5.8 in

Survey Points (Relative to Slot Centre) (TVD Relative to Kelly Dishing)										
Point (US ft)	Inc (ft)	Acc (ft)	TVD (US ft)	Off (US ft)	Off (US ft)	VSZ (US ft)	DLS (ft/100 ft)	Off (US ft)	Off (US ft)	Corr (US ft)
7597.00	26.98	5.50	7545.82	-243.41	18.65	-243.78	6.11	403521.49	531781.45	
7631.00	30.72	0.83	7575.60	-227.04	19.51	-227.44	12.83	403537.86	531782.31	
7663.00	34.57	359.27	7602.54	-209.78	19.51	-210.18	12.31	403555.12	531782.31	
7726.00	43.75	359.09	7651.34	-170.04	18.94	-170.44	14.57	403594.86	531781.74	
7757.00	50.16	358.40	7672.48	-147.41	18.44	-147.80	22.74	403617.49	531781.24	
7789.00	56.19	356.64	7691.66	-121.83	17.31	-122.21	19.35	403643.07	531780.11	
7820.00	62.10	355.70	7707.55	-95.29	15.53	-95.63	19.24	403669.61	531778.33	
7852.00	65.36	356.00	7721.71	-66.67	13.45	-66.97	10.22	403698.23	531776.25	
7883.00	68.07	356.75	7733.96	-38.26	11.66	-38.52	9.02	403726.64	531774.46	
7915.00	70.63	357.45	7745.25	-8.35	10.14	-8.59	8.26	403756.55	531772.94	
7946.00	74.07	358.24	7754.65	21.16	9.03	20.94	11.36	403786.06	531771.83	
7978.00	78.63	358.35	7762.20	52.24	8.11	52.03	14.25	403817.14	531770.91	
8010.00	82.69	358.48	7767.39	83.79	7.24	83.60	12.69	403848.69	531770.04	
8041.00	84.50	358.34	7770.85	114.59	6.38	114.40	5.86	403879.49	531769.18	
8073.00	86.48	358.07	7773.36	146.47	5.38	146.30	6.24	403911.37	531768.18	
8104.00	87.84	357.73	7774.90	177.41	4.25	177.26	4.52	403942.31	531767.05	
8136.00	88.58	358.18	7775.96	209.37	3.11	209.24	2.71	403974.27	531765.91	
8167.00	89.44	358.07	7776.43	240.35	2.09	240.23	2.80	404005.25	531764.89	
8199.00	90.35	358.03	7776.49	272.33	1.00	272.23	2.85	404037.23	531763.80	
8261.00	90.68	357.93	7775.93	334.29	-1.18	334.23	0.56	404099.19	531761.62	
8324.00	89.14	358.69	7776.03	397.26	-3.04	397.22	2.73	404162.16	531759.76	
8386.00	88.50	0.32	7777.31	459.24	-3.58	459.20	2.82	404224.14	531759.22	
8449.00	90.00	0.27	7778.13	522.24	-3.25	522.17	2.38	404287.14	531759.55	
8512.00	92.10	0.49	7776.98	585.22	-2.83	585.12	3.35	404350.12	531759.97	
8575.00	92.04	0.87	7774.70	648.18	-2.09	648.04	0.61	404413.08	531760.71	
8638.00	89.81	0.01	7773.69	711.16	-1.60	711.00	3.79	404476.06	531761.20	
8701.00	90.25	359.26	7773.65	774.16	-2.00	773.99	1.38	404539.06	531760.80	
8764.00	89.88	359.88	7773.58	837.16	-2.48	836.98	1.15	404602.06	531760.32	
8827.00	88.77	0.15	7774.33	900.15	-2.46	899.96	1.81	404665.05	531760.34	
8890.00	90.06	0.30	7774.97	963.15	-2.21	962.93	2.06	404728.05	531760.59	
8953.00	89.63	359.42	7775.14	1026.14	-2.37	1025.91	1.55	404791.04	531760.43	
9015.00	88.58	359.28	7776.11	1088.13	-3.07	1087.90	1.71	404853.03	531759.73	
9078.00	89.21	358.38	7777.32	1151.11	-4.36	1150.89	1.74	404916.01	531758.44	
9141.00	90.74	358.07	7777.35	1214.07	-6.31	1213.88	2.48	404978.97	531756.49	
9204.00	90.06	358.73	7776.91	1277.05	-8.07	1276.88	1.50	405041.95	531754.73	
9267.00	88.46	358.54	7777.72	1340.02	-9.57	1339.87	2.56	405104.92	531753.23	
9330.00	89.82	359.08	7778.67	1403.00	-10.88	1402.86	2.32	405167.90	531751.92	
9393.00	91.24	359.71	7778.09	1465.99	-11.54	1465.85	2.47	405230.89	531751.26	
9455.00	91.85	359.89	7776.41	1527.97	-11.76	1527.82	1.03	405292.87	531751.04	
9518.00	91.73	358.53	7774.45	1590.93	-12.63	1590.78	2.17	405355.83	531750.17	
9581.00	91.32	357.85	7772.77	1653.88	-14.61	1653.76	1.26	405418.78	531748.19	
9644.00	90.18	356.65	7771.95	1716.80	-17.64	1716.73	2.63	405481.70	531745.16	
9706.00	90.37	355.98	7771.65	1778.67	-21.62	1778.68	1.12	405543.57	531741.18	
9769.00	89.88	356.16	7771.51	1841.52	-25.94	1841.62	0.83	405606.42	531736.86	
9832.00	89.81	356.95	7772.12	1904.40	-29.72	1904.57	1.87	405669.38	531733.08	
9894.00	87.84	357.49	7773.82	1966.30	-32.73	1966.53	2.08	405731.20	531730.07	
9957.00	89.26	357.74	7775.42	2029.23	-35.35	2029.49	2.29	405794.13	531727.45	
10020.00	90.43	357.89	7775.59	2092.18	-37.75	2092.49	1.87	405857.08	531725.05	
10083.00	89.57	358.17	7775.59	2155.14	-39.92	2155.48	1.44	405920.04	531722.88	
10145.00	88.33	358.38	7776.73	2217.10	-41.79	2217.47	2.03	405982.00	531721.01	
10208.00	89.56	358.03	7777.89	2280.06	-43.76	2280.45	2.03	406044.96	531719.04	
10270.00	88.95	358.40	7778.69	2342.02	-45.69	2342.45	1.15	406106.92	531717.11	
10332.00	87.34	358.79	7780.70	2403.97	-47.21	2404.41	2.67	406168.87	531715.59	
10394.00	88.58	358.76	7782.91	2465.91	-48.53	2466.37	2.00	406230.81	531714.27	
10457.00	89.45	358.49	7783.99	2528.89	-50.04	2529.36	1.45	406293.79	531712.76	
10520.00	90.43	358.51	7784.05	2591.86	-51.69	2592.36	1.56	406356.76	531711.11	
10582.00	91.54	358.56	7782.99	2653.83	-53.28	2654.35	1.79	406418.73	531709.52	
10645.00	90.80	358.48	7781.70	2716.80	-54.91	2717.34	1.18	406481.70	531707.89	
10707.00	90.00	357.97	7781.27	2778.77	-56.83	2779.33	1.53	406543.67	531705.97	

5D Survey Report

Survey Points: (Relative to Sld. centre) (TVD relative to Kelly Bushing)									
Point ID (US ft)	Inc (ft)	TVL (ft)	Q (ft)	Q (ft)	Q (ft)	Q (ft)	Q (ft)	Q (ft)	Q (ft)
10770.00	89.44	357.93	7781.58	2841.73	-59.08	2842.33	0.89	406606.63	531703.72
10831.00	89.01	357.33	7782.43	2904.67	-61.68	2905.31	1.17	406669.57	531701.12
10895.00	90.56	356.87	7782.66	2966.58	-64.82	2967.29	2.61	406731.48	531697.98
10958.00	89.51	357.05	7782.62	3029.49	-68.16	3030.26	1.69	406794.39	531694.64
11020.00	88.41	357.15	7783.75	3091.40	-71.30	3092.23	1.78	406856.30	531691.50
11082.00	88.88	357.39	7784.67	3153.32	-74.25	3154.20	2.40	406918.22	531688.55
11145.00	91.11	357.58	7784.13	3216.26	-77.02	3217.18	1.98	406981.16	531685.78
11208.00	90.49	357.80	7783.25	3279.20	-79.55	3280.17	1.04	407044.10	531683.25
11270.00	90.37	358.62	7782.78	3341.17	-81.49	3342.16	1.34	407106.07	531681.31
11332.00	91.36	358.80	7781.85	3403.15	-82.89	3404.16	1.62	407168.05	531679.91
11395.00	90.43	358.79	7780.86	3466.12	-84.21	3467.15	1.48	407231.02	531678.59
11457.00	88.77	359.23	7781.30	3528.11	-85.28	3529.14	2.77	407293.01	531677.52
11519.00	90.06	359.16	7781.93	3590.10	-86.15	3591.13	2.08	407355.00	531676.65
11582.00	91.23	358.88	7781.22	3653.09	-87.23	3654.13	1.91	407417.99	531675.57
11644.00	92.38	359.09	7779.27	3715.04	-88.33	3716.09	1.89	407479.94	531674.47
11707.00	91.79	358.46	7776.98	3777.99	-89.67	3779.05	1.37	407542.89	531673.13
11770.00	89.57	357.75	7776.23	3840.94	-91.76	3842.04	3.70	407605.84	531671.04
11833.00	90.68	358.02	7776.09	3903.90	-94.08	3905.03	1.81	407668.80	531668.72
11895.00	90.12	358.55	7775.66	3965.87	-95.94	3967.03	1.24	407730.77	531666.86
11957.00	88.09	359.04	7776.63	4027.85	-97.24	4029.02	3.37	407792.75	531665.56
12019.00	89.38	359.39	7778.00	4089.82	-98.09	4091.00	2.16	407854.72	531664.71
12081.00	90.49	359.57	7778.07	4151.82	-98.65	4152.99	1.81	407916.72	531664.15
12144.00	91.85	359.92	7776.78	4214.80	-98.93	4215.97	2.23	407979.70	531663.87
12153.42	92.07	359.87	7776.46	4224.22	-98.95	4225.38	2.44	407989.12	531663.85
12206.00	93.33	359.60	7773.98	4276.74	-99.19	4277.89	2.44	408041.64	531663.61
12219.00	93.77	0.08	7773.17	4289.71	-99.23	4290.86	5.00	408054.61	531663.57
12272.00	93.77	0.08	7769.69	4342.60	-99.16	4343.73	0.00	408107.50	531663.64

Cross 330 HL

Last Wt Svy

Proj. To Blr

OXY USA INC.
Peaches 19 Federal 3H
API No. 30-015-42446

14-3/4" hole @ 348'
10-3/4" csg @ 348'
w/ 390sx-TOC-Surf-Circ.

9-7/8" hole @ 7090'
7-5/8" csg @ 7081'
w/ 1120sx-TOC-Surf-Circ.
DVT @ 1799'

6-3/4" hole @ 12272'
5-1/2" X 4-1/2" csg @ 12228'
w/ 675sx-TOC-3350' CBL

Perfs @ 12132-8014'

TD- 12272' M 7770' V