

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

March 5, 2019

RECEIVED

OXY USA INC.

MAY 15 2019

DISTRICT II-ARTESIA O.C.D.

Re:

34, 23S, 31E, Eddy NM
32.26709 103.77088

CLIENT: OXY USA INC.
WELL: Platinum MDP1 34-3 Federal Com 1H
FIELD: Cotton Draw-Bone Spring

RIG: H&P 657
COUNTY: Eddy
API NO: 30-015-45226
JOB NO: 18MLD4265

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Andrea Lee FE	Platinum MDP1 34-3 Federal Com 1H Original Hole	700.00 Ft to 20250.00 Ft	December 8, 2018 to January 6, 2019	TelePacer Third Party Corrected

If any other information is required, please contact the undersigned at the above letterhead and phone number.
Sincerely,

Field Service Manager

Schlumberger-Private

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

Well Reference:
34, 23S, 31E, Eddy NM
32.26709 103.77088

I, Andrea Lee certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of December 08, 2018 through January 06, 2019, conduct or supervise the taking of the TelePacer & Third Party Corrected surveys from a depth of 700.00 feet to a depth of 20250.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of OXY USA INC. for the Platinum MDPI 34-3 Federal Com 1H Well (Original Hole) API No. 30-015-45226 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation;

By
Andrea Lee
FE

Signed by Jody Bare on behalf of Andrea Lee



Subscribed and Sworn to before me this 5th day of March (month) 2019 (yr)

My Commission expires:

2-16-2022

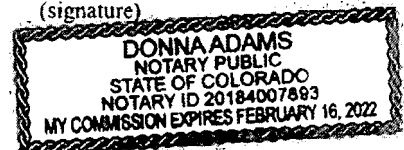
Notary Public

D. Adams

(County State)

Adams County Colorado

(signature)



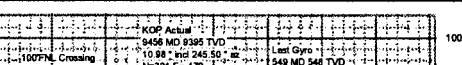


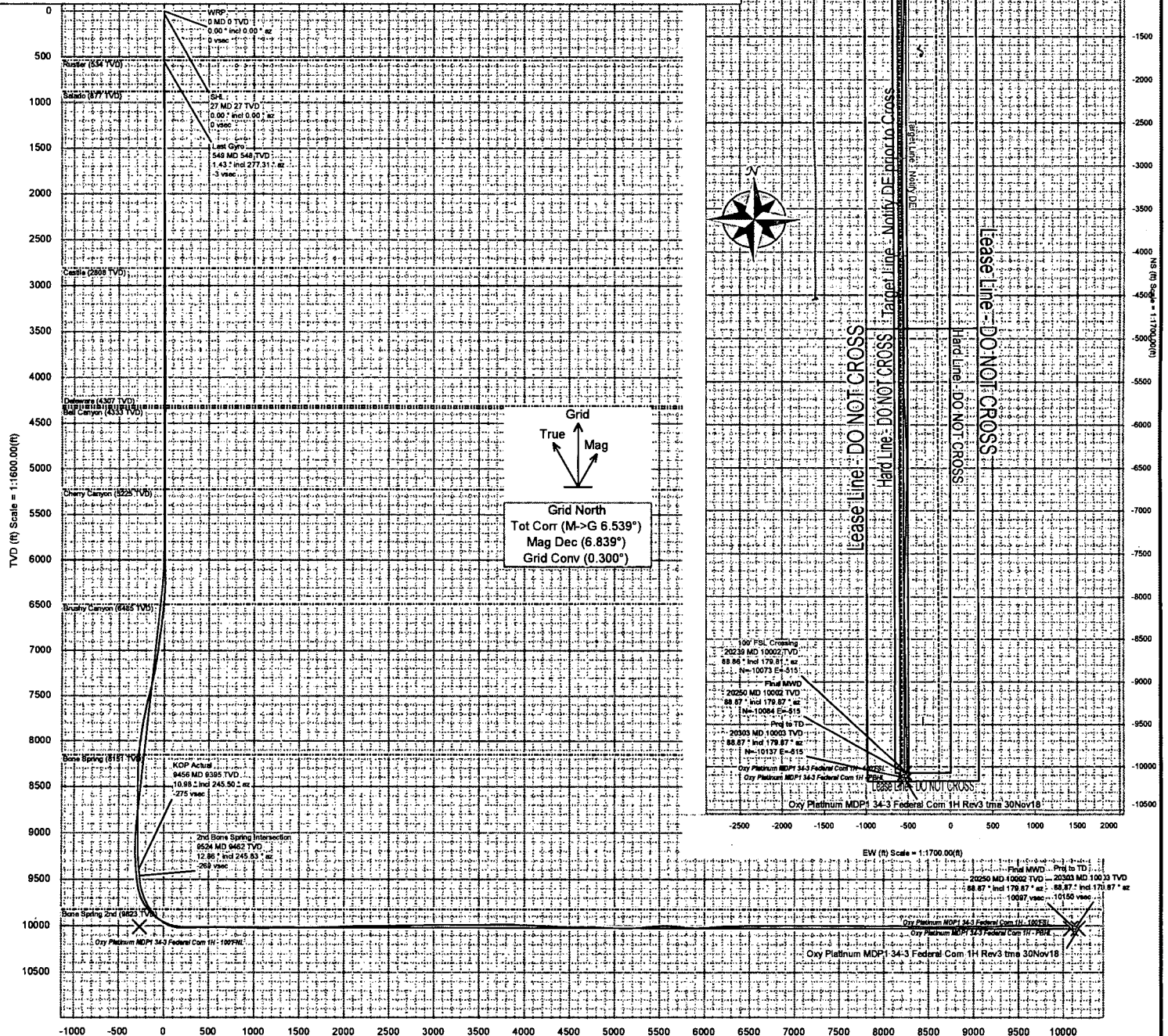
Oxy



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Platinum MDP1 34-3 Federal Com 1H	NM Eddy County (NAD 83)	Oxy Platinum MDP1 34-3 Federal Com 1H

Gravity & Magnetic Parameters				Surface Location				NAD83 New Mexico State Plane, Eastern Zone, US Feet				Miscellaneous			
Model:	IFR1	Dip:	69.994°	Date:	24-Dec-2018	Lat:	N 32 18 1.60	Northing:	461363.9381US	Grid Conv:	0.3003°	Slot:	Oxy Platinum	TVD Ref:	RKB - 26.8'(3449.4ft above MSL)
MagDec:	6.833°	FS:	48019.7nT	Gravity FS:	998.447mgn (8.80666 Based)	Lon:	W 103 48 15.18	Easting:	716163.9681US	Scale Fact:	0.9999437	Plan:	Federal Con 1H		
												Oxy Platinum MDP1 34-3 Federal Con 1H Gyrom MWD 0 to 20303R MD			

Critical Points									
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS	
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	
Last Gyro	548.50	1.43	277.31	548.43	-2.98	3.39	-7.52	0.42	
KOP Actual	9456.00	10.98	245.50	9395.02	-275.43	300.98	-472.27	1.36	
100'FNL Crossing	9500.00	12.19	245.72	9438.13	-271.36	297.33	-480.32	2.74	
2nd Bone Spring Intersection	9524.45	12.86	245.83	9462.00	-268.94	295.16	-485.15	2.74	
100' FSL Crossing	20238.69	88.86	179.81	10001.89	10085.79	-10072.66	-514.82	0.55	
Final MWD	20250.00	88.87	179.87	10002.11	10097.08	-10083.97	-514.78	0.55	
Point to TD	20303.00	88.87	179.87	10003.16	10149.99	-10136.96	-514.66	0.00	



Vertical Section (ft) Azim = 183.05° Scale = 1:1600.00(ft) Origin = 0N/-S, 0E/-W



Oxy Platinum MDP1 34-3 Federal Com 1H Gyro+MWD 0 to 20303ft MD

Survey Geodetic Report

(Def Survey)

Report Date: January 07, 2019 - 12:23 PM Client: Oxy Field: NM Eddy County (NAD 83) Structure / Slot: Oxy Platinum MDP1 34-3 Federal Com 1H / Oxy Platinum MDP1 34-3 Federal Com 1H Well: Oxy Platinum MDP1 34-3 Federal Com 1H Borehole: Original Borehole UWI / API#: H&P 657 / 30-015-45226 Survey Name: Oxy Platinum MDP1 34-3 Federal Com 1H Gyro+MWD 0 to 20303ft MD Survey Date: October 16, 2018 Tort / AHD / DDI / ERD Ratio: 305.179 * / 11132.702 ft / 6.838 / 1.110 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet Location Lat / Long: N 32° 16' 1.50403", W 103° 46' 15.18284" Location Grid N/E/X: N 461353.930 RUS, E 715183.950 RUS CRS Grid Convergence Angle: 0.3003° Grid Scale Factor: 0.9999437 Version / Patch: 2.10.753.0	Survey / DLS Computation: Minimum Curvature / Lubinski Vertical Section Azimuth: 183.049° (Grid North) Vertical Section Origin: 0.000 ft, 0.000 ft TVD Reference Datum: RKB - 26.5' TVD Reference Elevation: 3449.400 ft above MSL Seabed / Ground Elevation: 3422.900 ft above MSL Magnetic Declination: 6.839° Total Gravity Field Strength: 998.4473mgm (9.80665 Based) Gravity Model: GARM Total Magnetic Field Strength: 48019.700 nT Magnetic Dip Angle: 59.994° Declination Date: December 26, 2018 Magnetic Declination Model: IFR1 North Reference: Grid North Grid Convergence Used: 0.3003° Total Corr Mag North->Grid North: 6.5387° Local Coord Referenced To: Structure Reference Point	
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Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	461353.93	715183.95	N 32° 16' 1.50 W 103° 46' 15.18	
	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	461353.93	715183.95	N 32° 16' 1.50 W 103° 46' 15.18	
SHL	92.65	0.77	317.47	92.65	-0.31	0.33	-0.30	1.16	461354.26	715183.65	N 32° 16' 1.51 W 103° 46' 15.19	
	180.58	0.76	301.21	180.67	-1.00	1.07	-1.20	0.25	461355.00	715182.75	N 32° 16' 1.51 W 103° 46' 15.20	
	265.33	0.78	304.85	265.31	-1.57	1.69	-2.15	0.06	461355.62	715181.80	N 32° 16' 1.52 W 103° 46' 15.21	
	359.85	1.23	287.72	359.82	-2.17	2.36	-3.65	0.57	461356.29	715180.30	N 32° 16' 1.53 W 103° 46' 15.23	
	454.42	1.11	287.99	454.37	-2.66	2.95	-5.49	0.13	461356.88	715178.47	N 32° 16' 1.53 W 103° 46' 15.25	
	548.50	1.43	277.31	548.43	-2.98	3.39	-7.52	0.42	461357.31	715176.43	N 32° 16' 1.54 W 103° 46' 15.27	
Last Gyro	700.00	0.35	221.05	699.91	-2.76	3.28	-9.70	0.84	461357.21	715174.26	N 32° 16' 1.54 W 103° 46' 15.30	
	792.00	0.35	194.64	791.90	-2.26	2.79	-9.95	0.17	461356.72	715174.00	N 32° 16' 1.53 W 103° 46' 15.30	
	974.00	0.32	169.04	973.90	-1.22	1.76	-9.99	0.08	461355.69	715173.96	N 32° 16' 1.52 W 103° 46' 15.30	
	1160.00	0.30	177.40	1159.90	-0.23	0.76	-9.87	0.03	461354.69	715174.08	N 32° 16' 1.51 W 103° 46' 15.30	
	1250.00	0.35	175.03	1249.90	0.27	0.25	-9.84	0.06	461354.18	715174.11	N 32° 16' 1.51 W 103° 46' 15.30	
	1341.00	0.28	154.98	1340.90	0.74	-0.23	-9.72	0.14	461353.70	715174.23	N 32° 16' 1.50 W 103° 46' 15.30	
	1432.00	0.24	128.66	1431.90	1.05	-0.55	-9.48	0.14	461353.38	715174.47	N 32° 16' 1.50 W 103° 46' 15.29	
	1526.00	0.42	186.05	1525.89	1.51	-1.01	-9.36	0.38	461352.92	715174.59	N 32° 16' 1.49 W 103° 46' 15.29	
	1621.00	0.36	200.45	1620.89	2.14	-1.64	-9.50	0.12	461352.29	715174.45	N 32° 16' 1.49 W 103° 46' 15.29	
	1813.00	0.43	197.09	1812.89	3.42	-2.89	-9.92	0.04	461351.04	715174.03	N 32° 16' 1.48 W 103° 46' 15.30	
	1908.00	0.35	169.93	1907.89	4.05	-3.52	-9.98	0.21	461350.41	715173.97	N 32° 16' 1.47 W 103° 46' 15.30	
	2003.00	0.36	151.84	2002.88	4.58	-4.07	-9.79	0.12	461349.86	715174.16	N 32° 16' 1.46 W 103° 46' 15.30	
	2097.00	0.36	166.47	2096.88	5.12	-4.62	-9.58	0.10	461349.31	715174.37	N 32° 16' 1.46 W 103° 46' 15.29	
	2192.00	0.30	140.44	2191.88	5.59	-5.10	-9.35	0.17	461348.83	715174.60	N 32° 16' 1.45 W 103° 46' 15.29	
	2287.00	0.35	180.14	2286.88	6.06	-5.58	-9.19	0.24	461348.35	715174.76	N 32° 16' 1.45 W 103° 46' 15.29	
	2382.00	0.42	164.40	2381.88	6.68	-6.21	-9.10	0.13	461347.72	715174.85	N 32° 16' 1.44 W 103° 46' 15.29	
	2477.00	0.38	151.05	2476.87	7.28	-6.82	-8.85	0.11	461347.11	715175.10	N 32° 16' 1.44 W 103° 46' 15.29	
	2571.00	0.45	166.96	2570.87	7.90	-7.45	-8.62	0.14	461346.48	715175.33	N 32° 16' 1.43 W 103° 46' 15.28	
	2761.00	0.43	142.16	2760.87	9.15	-8.74	-8.01	0.10	461345.19	715175.94	N 32° 16' 1.42 W 103° 46' 15.28	
	2855.00	0.33	174.24	2854.86	9.69	-9.29	-7.77	0.25	461344.64	715176.18	N 32° 16' 1.41 W 103° 46' 15.27	
	2950.00	0.35	182.16	2949.86	10.25	-9.85	-7.75	0.05	461344.08	715176.20	N 32° 16' 1.41 W 103° 46' 15.27	
	3045.00	0.52	158.11	3044.86	10.93	-10.54	-7.60	0.26	461343.39	715176.35	N 32° 16' 1.40 W 103° 46' 15.27	
	3140.00	0.47	148.24	3139.86	11.64	-11.27	-7.24	0.10	461342.86	715176.71	N 32° 16' 1.39 W 103° 46' 15.27	
	3234.00	0.45	115.54	3233.85	12.10	-11.76	-6.71	0.28	461342.17	715177.24	N 32° 16' 1.39 W 103° 46' 15.26	
	3329.00	0.54	87.61	3328.85	12.21	-11.91	-5.93	0.27	461342.02	715178.02	N 32° 16' 1.39 W 103° 46' 15.25	
	3424.00	0.57	58.03	3423.85	11.89	-11.64	-5.08	0.30	461342.29	715178.87	N 32° 16' 1.39 W 103° 46' 15.24	
	3519.00	0.40	61.73	3518.84	11.45	-11.23	-4.39	0.18	461342.70	715179.56	N 32° 16' 1.39 W 103° 46' 15.23	
	3613.00	0.36	85.68	3612.84	11.24	-11.05	-3.80	0.17	461342.88	715180.15	N 32° 16' 1.39 W 103° 46' 15.23	
	3708.00	0.14	94.06	3707.84	11.20	-11.04	-3.39	0.23	461342.89	715180.56	N 32° 16' 1.39 W 103° 46' 15.22	
	3803.00	0.34	110.45	3802.84	11.29	-11.15	-3.01	0.22	461342.79	715180.94	N 32° 16' 1.39 W 103° 46' 15.22	
	3898.00	0.38	92.04	3897.84	11.37	-11.25	-2.43	0.13	461342.68	715181.52	N 32° 16' 1.39 W 103° 46' 15.21	
	3993.00	0.35	111.41	3992.83	11.45	-11.37	-1.85	0.13	461342.56	715182.10	N 32° 16' 1.39 W 103° 46' 15.21	
	4089.00	0.27	58.36	4088.83	11.42	-11.36	-1.38	0.30	461342.57	715182.57	N 32° 16' 1.39 W 103° 46' 15.20	
	4184.00	0.34	24.38	4183.83	11.03	-10.99	-1.08	0.20	461342.94	715182.87	N 32° 16' 1.40 W 103° 46' 15.20	
	4279.00	0.23	351.86	4278.83	10.58	-10.54	-0.99	0.20	461343.39	715182.96	N 32° 16' 1.40 W 103° 46' 15.19	
	4319.00	0.27	352.11	4318.83	10.41	-10.37	-1.01	0.10	461343.56	715182.94	N 32° 16' 1.40 W 103° 46' 15.20	
	4516.00	0.17	349.06	4515.83	9.67	-9.62	-1.13	0.05	461344.31	715182.82	N 32° 16' 1.41 W 103° 46' 15.20	
	4536.00	0.10	12.18	4535.83	9.62	-9.58	-1.13	0.44	461344.36	715182.82	N 32° 16' 1.41 W 103° 46' 15.20	
	4630.00	0.08	180.81	4629.83	9.61	-9.56	-1.11	0.19	461344.37	715182.84	N 32° 16' 1.41 W 103° 46' 15.20	
	4820.00	0.10	353.48	4819.83	9.58	-9.53	-1.14	0.09	461344.40	715182.81	N 32° 16' 1.41 W 103° 46' 15.20	
	4915.00	0.06	300.35	4914.83	9.47	-9.42	-1.19	0.08	461344.51	715182.76	N 32° 16' 1.41 W 103° 46' 15.20	
	5009.00	0.09	115.41	5008.83	9.48	-9.43	-1.16	0.16	461344.50	715182.79	N 32° 16' 1.41 W 103° 46' 15.20	
	5104.00	0.12	16.56	5103.83	9.41	-9.36	-1.07	0.17	461344.57	715182.88	N 32° 16' 1.41 W 103° 46' 15.20	
	5198.00	0.06	187.92	5197.83	9.36	-9.32	-1.05	0.19	461344.61	715182.90	N 32° 16' 1.41 W 103° 46' 15.20	
	5293.00	0.10	320.46	5292.83	9.35	-9.30	-1.11	0.16	461344.63	715182.84	N 32° 16' 1.41 W 103° 46' 15.20	
	5388.00	0.10	311.39	5387.83	9.24	-9.19	-1.22	0.02	461344.75	715182.73	N 32° 16' 1.41 W 103° 46' 15.20	
	5483.00	0.12	259.88	5482.83	9.21	-9.15	-1.38	0.10	461344.78	715182.57	N 32° 16' 1.41 W 103° 46' 15.20	
	5578.00	0.08	213.71	5577.83	9.29	-9.22	-1.52	0.09	461344.71	715182.43	N 32° 16' 1.41 W 103° 46' 15.20	
	5672.00	0.08	183.49	5671.83	9.41	-9.34	-1.56	0.04	461344.58	715182.39	N 32° 16' 1.41 W 103° 46' 15.20	
	5767.00	0.09	42.94	5766.83	9.42	-9.35	-1.51	0.17	461344.58	715182.44	N 32° 16' 1.41 W 103° 46' 15.20	
	5861.00	1.14	263.33	5860.82	9.52	-9.41	-2.39	1.29	461344.52	715181.56	N 32° 16' 1.41 W 103° 46' 15.21	
	5956.00	4.27	265.81	5955.70	10.13	-9.78	-6.86	3.00	461344.16	715177.10	N 32° 16' 1.41 W 103° 46' 15.26	
	6050.00	7.09	265.46	6049.23	11.33	-10.49	-16.13	3.00	461343.44	715167.82	N 32° 16' 1.40 W 103° 46' 15.37	
	6145.00	9.02	269.44	6143.29	12.58	-11.03	-29.42	2.11	461342.90	715154.53	N 32° 16' 1.40 W 103° 46' 15.53	
	6239.00	9.45	282.30	6236.08	11.80	-9.45	-44.33	2.24	461344.48	715139.62	N 32° 16' 1.41 W 103° 46' 15.70	
	6334.00	10.14	291.82	6329.70	7.85	-4.68	-59.72	1.85	461349.25	715124.24	N 32° 16' 1.46 W 103° 46' 15.88	
	6429.00	10.39	301.03	6423.19	1.14	2.84	-74.82	1.75	461356.77	715109.13	N 32° 16' 1.54 W 103° 46' 16.05	
	6523.00	10.52	306.60	6515.63	-7.58	12.33	-88.97	1.08	461366.26	715094.98	N 32° 16' 1.63 W 103° 46' 16.22	
	6618.00	10.55	311.86	6609.03	-17.82	23.30	-102.41	1.01	461377.23	715081.54	N 32° 16' 1.74 W 103° 46' 16.37	
	6713.00	10.50	316.35	6702.44	-29.21	35.37	-114.87	0.86	461389.30	715069.09	N 32° 16' 1.86 W 103° 46' 16.52	
	6808.00	10.66	321.95	6795.82	-41.77	48.55	-126.26	1.09	461402.48	715057.70	N 32° 16' 1.99 W 103° 46' 16.65	
	6903.00	10.04	326.05	6889.28	-55.00	62.34	-136.30	1.01	461416.27	715047.66	N 32° 16' 2.13 W 103° 46' 16.77	
	6998.00	9.10	329.20	6982.96	-67.85	75.66	-144.77	1.13	461429.59	715039.19	N 32° 16' 2.26 W 103° 46' 16.86	
	7093.00	10.32	332.70	7076.59	-81.44	89.68	-152.52	1.43	461443.60	715031.44	N 32° 16' 2.40 W 103° 46' 16.95	
	7189.00	11.18	332.10	7170.91	-96.84	105.54	-160.82	0.90	461459.47	715023.14	N 32° 16' 2.56 W 103° 46' 17.05	
	7284.00	13.27	330.85	7263.75	-113.97	123.21	-170.44	2.22	461477.13	715013.52	N 32° 16' 2.73 W 103° 46' 17.16	
	7379.00	15.50	330.88	7355.77								

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	7663.00	15.84	324.82	7628.74	-198.84	210.96	-222.27	1.37	461564.88	714961.69	N 32 16 3.60 W 103 46 17.76	
	7758.00	15.13	320.43	7720.29	-218.15	231.11	-237.64	1.44	461585.03	714946.32	N 32 16 3.80 W 103 46 17.94	
	7852.00	15.06	315.82	7811.05	-235.47	249.33	-253.97	1.28	461603.24	714930.00	N 32 16 3.98 W 103 46 18.13	
	7946.00	14.52	310.54	7901.94	-250.93	265.75	-271.43	1.54	461619.66	714912.53	N 32 16 4.15 W 103 46 18.33	
	8041.00	13.68	305.43	7994.08	-264.20	280.00	-289.64	1.58	461633.91	714894.33	N 32 16 4.29 W 103 46 18.54	
	8230.00	10.25	295.68	8178.97	-282.64	300.25	-323.02	2.10	461654.16	714860.95	N 32 16 4.49 W 103 46 18.93	
	8325.00	7.65	285.82	8272.81	-287.30	305.64	-336.72	3.17	461659.55	714847.25	N 32 16 4.55 W 103 46 19.09	
	8420.00	6.22	283.85	8367.11	-289.66	308.59	-347.80	1.53	461662.51	714836.17	N 32 16 4.58 W 103 46 19.21	
	8514.00	5.51	272.30	8460.62	-290.55	310.00	-357.26	1.46	461663.91	714826.71	N 32 16 4.59 W 103 46 19.32	
	8609.00	5.85	269.95	8555.15	-290.23	310.17	-366.66	0.43	461664.09	714817.31	N 32 16 4.59 W 103 46 19.43	
	8704.00	6.18	276.56	8649.63	-290.28	310.75	-376.58	0.81	461664.67	714807.39	N 32 16 4.60 W 103 46 19.55	
	8893.00	6.89	271.09	8837.40	-290.52	312.13	-398.02	0.50	461666.04	714785.95	N 32 16 4.61 W 103 46 19.80	
	8988.00	6.31	272.42	8931.77	-290.27	312.46	-408.93	0.63	461666.63	714775.04	N 32 16 4.62 W 103 46 19.93	
	9083.00	6.66	273.02	9026.17	-290.21	312.97	-419.65	0.38	461666.88	714764.32	N 32 16 4.62 W 103 46 20.05	
	9178.00	7.14	268.39	9120.48	-289.72	313.10	-431.05	0.77	461667.01	714752.92	N 32 16 4.62 W 103 46 20.18	
	9272.00	7.84	257.04	9213.68	-287.48	311.49	-443.14	1.74	461665.41	714740.83	N 32 16 4.61 W 103 46 20.32	
	9367.00	10.07	249.84	9307.52	-282.42	307.18	-457.25	2.62	461661.09	714726.72	N 32 16 4.57 W 103 46 20.49	
	9456.00	10.98	245.50	9395.02	-275.43	300.98	-472.27	1.36	461654.89	714711.71	N 32 16 4.51 W 103 46 20.66	
KOP Actual	9500.00	12.19	245.72	9438.13	-271.36	297.33	-480.32	2.74	461651.25	714703.66	N 32 16 4.47 W 103 46 20.76	
100'FNL												
Crossing												
2nd Bone												
Spring												
Intersection	9524.45	12.86	245.83	9462.00	-268.94	295.16	-485.15	2.74	461649.07	714698.83	N 32 16 4.45 W 103 46 20.81	
	9588.00	14.60	246.06	9523.73	-262.07	289.01	-498.93	2.74	461642.93	714685.05	N 32 16 4.39 W 103 46 20.98	
	9680.00	19.40	219.39	9611.81	-244.46	272.46	-519.26	9.82	461626.38	714664.72	N 32 16 4.23 W 103 46 21.21	
	9775.00	23.29	194.55	9700.46	-213.27	242.02	-534.03	10.27	461595.94	714649.95	N 32 16 3.93 W 103 46 21.39	
	9870.00	31.32	188.54	9784.82	-170.21	199.35	-542.43	8.93	461553.26	714641.55	N 32 16 3.50 W 103 46 21.49	
	9965.00	39.64	186.01	9862.12	-115.27	144.69	-549.28	8.89	461498.61	714634.70	N 32 16 2.96 W 103 46 21.57	
	10059.00	51.23	182.49	9927.98	-48.45	78.02	-554.03	12.61	461431.95	714629.95	N 32 16 2.30 W 103 46 21.63	
	10154.00	63.82	176.96	9978.91	31.34	-1.91	-553.37	14.13	461352.02	714630.61	N 32 16 1.51 W 103 46 21.63	
	10248.00	78.12	178.03	10009.48	119.58	-90.45	-549.54	15.25	461263.48	714634.45	N 32 16 0.64 W 103 46 21.59	
	10343.00	90.96	180.25	10018.50	213.70	-184.81	-548.14	13.71	461169.13	714635.84	N 32 15 59.70 W 103 46 21.58	
	10432.00	91.07	179.04	10016.93	302.53	-273.79	-547.59	1.36	461080.15	714636.39	N 32 15 58.82 W 103 46 21.58	
	10526.00	90.38	179.59	10015.74	396.32	-367.78	-546.46	0.94	460986.17	714637.52	N 32 15 57.87 W 103 46 21.57	
	10619.00	92.10	180.26	10013.73	489.16	-460.73	-546.34	1.98	460893.21	714637.64	N 32 15 56.97 W 103 46 21.57	
	10713.00	90.24	179.66	10011.81	583.00	-554.73	-546.28	2.08	460799.24	714638.71	N 32 15 56.04 W 103 46 21.58	
	10808.00	87.42	179.07	10013.75	677.77	-646.69	-545.22	3.03	460704.28	714638.76	N 32 15 55.10 W 103 46 21.57	
	10903.00	91.34	180.77	10014.77	772.60	-744.66	-545.09	1.50	460609.31	714637.73	N 32 15 54.16 W 103 46 21.58	
	10997.00	88.35	180.64	10015.03	866.51	-838.65	-546.25	3.19	460515.33	714637.73	N 32 15 53.23 W 103 46 21.60	
	11092.00	87.25	181.50	10016.87	961.38	-933.56	-548.02	1.47	460420.43	714635.96	N 32 15 52.29 W 103 46 21.62	
	11187.00	89.04	181.18	10021.75	1056.29	-1028.48	-550.24	1.91	460325.51	714633.74	N 32 15 51.36 W 103 46 21.65	
	11281.00	91.27	182.11	10021.50	1150.25	-1122.43	-552.94	2.57	460231.56	714631.04	N 32 15 50.43 W 103 46 21.69	
	11376.00	90.52	180.02	10020.01	1245.18	-1217.40	-554.70	2.34	460136.60	714629.28	N 32 15 49.49 W 103 46 21.72	
	11471.00	90.48	181.24	10019.18	1340.09	-1312.39	-555.75	1.28	460041.62	714628.23	N 32 15 48.55 W 103 46 21.73	
	11566.00	89.97	181.80	10018.81	1435.05	-1407.35	-558.27	0.80	459946.66	714625.71	N 32 15 47.61 W 103 46 21.77	
	11660.00	89.76	181.63	10019.03	1529.03	-1501.31	-561.08	0.29	459852.71	714620.60	N 32 15 46.68 W 103 46 21.81	
	11754.00	90.96	181.18	10018.44	1622.98	-1595.28	-563.39	1.36	459758.75	714620.60	N 32 15 45.75 W 103 46 21.84	
	11849.00	91.34	181.26	10016.53	1717.92	-1690.24	-565.41	0.41	459663.79	714618.57	N 32 15 44.81 W 103 46 21.87	
	11944.00	91.34	180.93	10014.31	1812.84	-1785.19	-567.22	0.35	459568.84	714616.76	N 32 15 43.87 W 103 46 21.90	
	12038.00	91.34	180.35	10012.11	1906.73	-1879.16	-568.27	0.62	459474.88	714615.71	N 32 15 42.94 W 103 46 21.92	
	12133.00	92.93	181.02	10008.57	2001.58	-1974.08	-569.41	1.82	459379.96	714614.58	N 32 15 42.00 W 103 46 21.93	
	12227.00	90.72	180.24	10005.58	2095.44	-2068.02	-570.44	2.49	459286.03	714613.54	N 32 15 41.07 W 103 46 21.95	
	12322.00	91.03	181.57	10004.13	2190.36	-2163.00	-571.94	1.44	459191.06	714612.04	N 32 15 40.13 W 103 46 21.98	
	12416.00	90.79	181.10	10002.64	2284.30	-2256.96	-574.13	0.56	459097.10	714609.85	N 32 15 39.20 W 103 46 22.01	
	12511.00	90.62	181.41	10001.47	2379.25	-2351.93	-576.21	0.37	459002.14	714607.77	N 32 15 38.26 W 103 46 22.04	
	12606.00	90.55	181.92	10000.50	2474.22	-2446.89	-578.97	0.54	458907.19	714605.01	N 32 15 37.32 W 103 46 22.07	
	12700.00	92.27	181.04	9998.19	2568.15	-2540.82	-581.40	2.06	458813.26	714602.59	N 32 15 36.39 W 103 46 22.11	
	12795.00	90.62	180.81	9995.79	2663.05	-2635.78	-582.93	1.75	458718.31	714601.05	N 32 15 35.45 W 103 46 22.13	
	12889.00	90.76	182.36	9994.66	2757.01	-2728.73	-585.53	1.66	458624.36	714598.45	N 32 15 34.52 W 103 46 22.17	
	12984.00	91.31	181.16	9992.94	2851.97	-2824.67	-588.45	1.39	458529.43	714595.54	N 32 15 33.58 W 103 46 22.21	
	13078.00	91.41	178.54	9990.71	2945.79	-2918.63	-588.20	2.79	458435.47	714595.78	N 32 15 32.65 W 103 46 22.21	
	13173.00	90.55	178.91	9989.09	3040.50	-3013.59	-586.09	0.99	458340.51	714597.89	N 32 15 31.72 W 103 46 22.19	
	13268.00	90.52	180.48	9988.20	3135.33	-3108.59	-585.58	1.65	458245.53	714598.40	N 32 15 30.78 W 103 46 22.19	
	13362.00	90.35	179.39	9987.48	3229.19	-3202.58	-585.48	1.17	458151.54	714598.51	N 32 15 29.84 W 103 46 22.20	
	13457.00	89.28	179.18	9987.79	3323.98	-3297.57	-584.29	1.15	458056.55	714599.69	N 32 15 28.90 W 103 46 22.19	
	13554.00	91.00	178.78	9987.48	3450.66	-3424.55	-582.03	1.39	457929.58	714601.95	N 32 15 27.65 W 103 46 22.17	
	13647.00	90.24	179.21	9986.80	3513.49	-3487.53	-580.93	1.39	457866.60	714603.06	N 32 15 27.03 W 103 46 22.16	
	13741.00	89.90	178.96	9986.68	3607.27	-3581.52	-579.42	0.45	457772.62	714604.56	N 32 15 26.10 W 103 46 22.15	
	13836.00	90.69	179.19	9986.20	3702.04	-3676.51	-577.89	0.87	457677.64	714606.09	N 32 15 25.16 W 103 46 22.14	
	13931.00	90.48	178.49	9985.23	3796.78	-3771.48	-575.97	0.77	457582.67	714608.02	N 32 15 24.22 W 103 46 22.12	
	14025.00	87.80	177.20	9986.64	3890.37	-3865.39	-572.43	3.16	457488.76	714611.55	N 32 15 23.29 W 103 46 22.08	
	14138.00	87.77	176.45	9991.00	4002.62	-3978.13	-566.18	0.66	457376.03	714617.80	N 32 15 22.17 W 103 46 22.02	
	14215.00	88.35	176.82	9993.61	4079.09	-4054.96	-561.66	0.89	457299.21	714622.32	N 32 15 21.41 W 103 46 21.97	
	14309.00	87.11	177.91	9997.33	4172.55	-4148.78	-557.35	1.76	457205.39	714626.64	N 32 15 20.48 W 103 46 21.93	
	14404.00	86.80	179.93	10002.38	4267.17	-4243.62	-555.56	2.15	457110.55	714628.43	N 32 15 19.54 W 103 46 21.91	
	14498.00	86.70	179.62	10007.71	4360.86	-4337.47	-555.19	0.35	457016.71	714628.79	N 32 15 18.61 W 103 46 21.91	
	14592.00	89.35	181.57	10010.95	4454.71	-4431.40	-556.17	3.50	456922.79	714627.82	N 32 15 17.68 W 103 46 21.93	
	14687.00	90.28	181.09	10011.26	4549.66	-4526.37	-					

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (NUS)	Easting (EUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
	17995.00	89.80	181.34	10000.35	7847.76	-7829.84	-545.16	0.22	453524.54	714638.82	N 32 14 44.06	W 103 46 22.01
	18090.00	89.97	181.52	10000.54	7942.72	-7924.81	-547.62	0.34	453429.58	714636.36	N 32 14 43.12	W 103 46 22.04
	18185.00	89.49	179.99	10000.99	8037.64	-8019.80	-548.95	1.79	453334.60	714635.03	N 32 14 42.18	W 103 46 22.06
	18279.00	89.70	178.98	10001.65	8131.46	-8113.79	-548.11	1.10	453240.61	714635.87	N 32 14 41.25	W 103 46 22.06
	18374.00	89.52	178.67	10002.30	8226.20	-8208.77	-546.16	0.38	453145.64	714637.82	N 32 14 40.31	W 103 46 22.04
	18469.00	87.67	178.95	10004.63	8320.91	-8303.72	-544.19	1.97	453050.70	714639.80	N 32 14 39.37	W 103 46 22.03
	18658.00	89.42	178.84	10009.43	8509.34	-8492.61	-540.54	0.93	452861.81	714643.44	N 32 14 37.50	W 103 46 21.99
	18752.00	90.18	179.10	10009.76	8603.10	-8586.60	-538.85	0.85	452767.84	714645.13	N 32 14 36.57	W 103 46 21.98
	18941.00	90.62	178.89	10008.44	8791.62	-8775.56	-535.54	0.26	452578.88	714648.44	N 32 14 34.70	W 103 46 21.95
	19130.00	90.11	177.91	10007.23	8979.99	-8964.48	-530.26	0.58	452389.97	714653.72	N 32 14 32.83	W 103 46 21.90
	19319.00	90.25	180.36	10006.64	9168.54	-9153.44	-527.41	1.30	452201.02	714656.57	N 32 14 30.96	W 103 46 21.88
	19416.00	92.76	181.07	10004.09	9265.42	-9250.39	-528.62	2.69	452104.08	714655.36	N 32 14 30.00	W 103 46 21.90
	19510.00	92.86	178.03	9999.48	9359.12	-9344.27	-527.88	3.23	452010.21	714656.10	N 32 14 29.07	W 103 46 21.90
	19605.00	91.28	178.41	9996.05	9453.72	-9439.16	-524.93	1.71	451915.32	714659.05	N 32 14 28.13	W 103 46 21.87
	19700.00	90.49	179.18	9994.58	9548.44	-9534.12	-522.93	1.16	451820.36	714661.05	N 32 14 27.19	W 103 46 21.85
	19794.00	89.90	178.56	9994.26	9642.19	-9628.10	-521.08	0.91	451726.39	714662.90	N 32 14 26.26	W 103 46 21.84
	19889.00	89.25	178.56	9994.97	9736.89	-9723.07	-518.69	0.68	451631.43	714665.29	N 32 14 25.32	W 103 46 21.81
	19983.00	88.77	179.23	9996.59	9830.63	-9817.04	-516.88	0.88	451537.47	714667.10	N 32 14 24.39	W 103 46 21.80
	20078.00	88.83	179.67	9998.58	9925.42	-9912.01	-515.97	0.47	451442.50	714668.01	N 32 14 23.45	W 103 46 21.79
	20172.00	88.80	179.45	10000.53	10019.23	-10005.99	-515.25	0.24	451348.52	714668.73	N 32 14 22.52	W 103 46 21.79
100' FSL	20238.69	88.86	179.81	10001.89	10085.79	-10072.66	-514.82	0.55	451281.85	714669.16	N 32 14 21.86	W 103 46 21.79
Crossing	20250.00	88.87	179.87	10002.11	10097.08	-10083.97	-514.78	0.55	451270.55	714669.20	N 32 14 21.75	W 103 46 21.79
Final MWD	20303.00	88.87	179.87	10003.16	10149.99	-10136.96	-514.66	0.00	451217.56	714669.32	N 32 14 21.23	W 103 46 21.79
Proj to TD												

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/98.425	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 1H Gyro+MWD 0 to 20303ft MD
	1	26.500	26.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 1H Gyro+MWD 0 to 20303ft MD
	1	26.500	548.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 1H
	1	548.500	8893.000	Act Stns	30.000	30.000	NAL_MWD_IFR1+MS	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 1H
	1	8893.000	9456.000	Act Stns	30.000	30.000	NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 1H
	1	9456.000	20303.000	Act Stns	30.000	30.000	NAL_MWD_IFR1+MS	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 1H

...Original Borehole\Oxy Platinum MDP1 34-3 Federal Com 1H Gyro+MWD 0 to 20303ft MD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM43744

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
PLATINUM MDP1 34-3 FEDERAL COM 1H9. API Well No.
30-015-45226-00-X110. Field and Pool or Exploratory Area
INGLE WELLS11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
OXY USA INCORPORATEDContact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com3a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213b. Phone No. (include area code)
Ph: 432-685-5936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T23S R31E NWNW 400FNL 1027FWL
32.267086 N Lat, 103.770882 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Spud 17-1/2" hole 10/8/18, drill to 567' 10/8/18. RIH & set 13-3/8" 54.5# J-55 csg @ 557', pump 20BFW spacer then cmt w/ 830sx (201bbl) Class C w/ additives 14.8ppg 1.36 yield, full returns throughout job, circ 371sx (90bbl) cmt to surface, WOC. 10/9/18 RD & release rig.

RECEIVED

MAY 15 2019

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #440025 verified by the BLM Well Information System
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/17/2018 (19PP0139SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 10/16/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**JONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 10/24/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #440025

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM43744	NMNM43744
Agreement:		
Operator:	OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710 Ph: 432-685-5936	OXY USA INCORPORATED 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713.350.4816
Admin Contact:	JANA MENDIOLA REGULATORY SPECIALIST E-Mail: janalyn_mendiola@oxy.com Ph: 432-685-5936	JANA MENDIOLA REGULATORY SPECIALIST E-Mail: janalyn_mendiola@oxy.com Ph: 432-685-5936
Tech Contact:	DAVID STEWART SR REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Ph: 432-685-5717	DAVID STEWART REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Ph: 432.685.5717
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	COTTON DRAW; BONE SPRING	INGLE WELLS
Well/Facility:	PLATINUM MDP1 34-3 FEDERAL COM 1H Sec 34 T23S R31E Mer NMP NWNW 400FNL 1027FWL 32.267084 N Lat, 103.770884 W Lon	PLATINUM MDP1 34-3 FEDERAL COM 1H Sec 34 T23S R31E NWNW 400FNL 1027FWL 32.267086 N Lat, 103.770882 W Lon