

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 21 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMNM45236
2. Name of Operator OXY USA INC.	6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 50250 MIDLAND, TX 79710	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-5717 Fx: 432-685-5742	8. Well Name and No. STERLING SILVER 33 FEDERAL 3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T23S R31E NWNW 660FNL 660FWL 32.266347 N Lat, 103.789147 W Lon	9. API Well No. 30-015-27425
10. Field and Pool, or Exploratory SAND DUNES DELAWARE, W.	11. County or Parish, and State EDDY COUNTY, NM

12. CHECK 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	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/19/2015 MIRU PU

8/20/2015 RU, start to POOH w/ rods & pump

8/21/2015 Continue to POOH & LD rods & pump. NDWH, NU BOP. RU Multi Shot, RIH /w Gyro to 7943', copy attached for your records, POOH.

8/24/2015 Work tbg to unset TAC, RIH W/ 2-1/8" gauge ring, POOH. RIH w/ free point, tbg free @ 7834', POOH, RIH w/ 2-1/8" jet cutter, cut tbg @ 7834', tbg free, start to POOH w/ tbg.

8/25/2015 Continue to POOH w/ tbg. RIH w/ 4.4" gauge ring, stacked out @ 4700', POOH. RIH w/ tbg & tag @ 4887', unable to go deeper, PUH.

Accepted for record
NMOCD

TA 8100' PA 8050

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #316839 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad.	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 09/17/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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 _____		

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #316839 that would not fit on the form

32. Additional remarks, continued

8/26/2015 POOH w/ tbq, RIH w/ muleshoe sub, tag @ 4887', work thru to 4996', unable to go further, PUH.

8/27/2015 ND BOP, NUWH, RDPU.

8/31/2015 RUPU, NDWH, NU BOP, POOH w/ tbq. RIH w/ mill, collars, tag up @ 4700', POOH. RU power swivel, start pumping, lost circulation, ran out of FW. broke circulation

9/1/2015 RIH, start pumping, start to mill @ 4700', getting scale and metal cutting, fell thru to 4903', mill, getting scale and metal cutting and fell thru to TOF, POOH. RIH w/ tbq & tag TOF @ 7834', PUH.

9/2/2015 POOH, LD collars & mill, RIH w/ gauge ring, tag up @ 4929', POOH. RIH w/ CIBP w/ muleshoe on bottom & set @ 7830'.

9/3/2015 RIH & tag CIBP @ 7830', circ hole w/ 10# MLF, M&P 25sx CL C cmt to calc TOC @ 7578', POOH. RIH w/ CIBP w/ muleshoe on bottom & set @ 6248', cement pump truck broke down.

9/8/2015 RIH & tag CIBP @ 6248', circ hole w/ 10# MLF, M&P 40sx CL C cmt, PUH, WOC. RIH & tag cmt @ 5857'. Contact Joe Salcido-BLM, rec appr to combine plugs. PUH to 4263', M&P 225sx CL C cmt, PUH, WOC.

9/9/2015 RIH & tag cmt @ 3786', M&P 180sx CL C cmt, PUH, WOC. RIH & tag cmt @ 1994', POOH, update Joe Salcido-BLM. Pressure test csg @ 800#, held good. RIH to perf @ 1989', gun didn't fire, POOH. RIH & set pkr @ 1161'.

9/10/2015 RIH & perf @ 1989', EIR @ 2-1/2 bpm @ 250# w/ circulation to surface. Rec approval from Joe Salcido-BLM to circ cmt to surf up annulus and 1400' in csg. M&P 400sx CL C cmt, lost circ to surf, attempt to regain circ, pumped total 570sx CL C cmt, displace to 1324', WOC. RIH & tag cmt @ 1419', PUH & set pkr @ 493', RIH & perf @ 1369', attempt to EIR, no rate, pressure to 950#, Rel pkr, RIH to 1418', M&P 75sx CL C cmt to 659', PUH, WOC.

9/11/2015 RIH & tag cmt @ 689', PUH & perf @ 645', EIR @ 3 bpm @ 350#, w/ circulation to surface, POOH w/ pkr, ND BOP, NU B1 flange, M&P 200sx CL C cmt, circ cmt to surf, visually confirmed. RDPU.



Job Number: SVMO-150643
 Company: OXY USA, Inc.
 Lease/Well: Sterling Silver 33
 Location: Eddy County, NM
 Rig Name: Workover
 RKB: 0'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.08°
 Grid: East To Grid North
 File name: W:\WINSER~1\2015SU~1\OXY\MO\STERLI~1\33.SVY
 Date/Time: 24-Aug-15 / 10:14
 Curve Name: Surface - 7943' M.D. (Rate Gyro) (API 30-015-27425)

MS Survey

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
 Surface MD to 7943' MD is, to the best of
 our knowledge a true and accurate account of
 the well bore.

James Benson 8/24/15
 MS Energy Services Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.13	232.23	100.00	-.07	-.09	-.07	.11	232.23	.13
200.00	.23	7.14	200.00	.06	-.15	.06	.17	291.30	.33
300.00	.28	23.32	300.00	.48	-.03	.48	.48	356.13	.09
400.00	.33	29.08	400.00	.96	.20	.96	.98	12.00	.06
500.00	.33	35.96	500.00	1.44	.51	1.44	1.53	19.55	.04
600.00	.61	60.65	599.99	1.94	1.15	1.94	2.25	30.59	.34
700.00	.65	54.98	699.99	2.52	2.07	2.52	3.27	39.41	.07
800.00	.70	58.31	799.98	3.17	3.06	3.17	4.41	43.97	.06
900.00	.75	56.78	899.97	3.85	4.13	3.85	5.64	46.98	.05
1000.00	.81	58.69	999.96	4.58	5.28	4.58	6.99	49.07	.07
1100.00	.75	57.48	1099.95	5.30	6.43	5.30	8.33	50.54	.06
1200.00	.71	60.99	1199.94	5.95	7.53	5.95	9.59	51.68	.06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1300.00	.63	57.87	1299.94	6.54	8.53	6.54	10.75	52.53	.09
1400.00	.63	58.92	1399.93	7.12	9.47	7.12	11.85	53.08	.01
1500.00	.59	54.63	1499.93	7.70	10.36	7.70	12.91	53.39	.06
1600.00	.54	49.09	1599.92	8.31	11.14	8.31	13.89	53.29	.07
1700.00	.55	64.03	1699.92	8.82	11.93	8.82	14.84	53.50	.14
1800.00	.60	63.35	1799.91	9.27	12.82	9.27	15.82	54.14	.05
1900.00	.52	61.01	1899.91	9.72	13.69	9.72	16.79	54.61	.08
2000.00	.50	63.38	1999.90	10.14	14.48	10.14	17.67	54.99	.03
2100.00	.53	63.07	2099.90	10.54	15.28	10.54	18.56	55.39	.03
2200.00	.57	69.74	2199.89	10.93	16.16	10.93	19.51	55.93	.08
2300.00	.48	64.24	2299.89	11.28	17.00	11.28	20.40	56.44	.10
2400.00	.51	63.34	2399.89	11.66	17.78	11.66	21.26	56.73	.03
2500.00	.53	48.49	2499.88	12.17	18.52	12.17	22.16	56.69	.14
2600.00	.59	47.90	2599.88	12.82	19.25	12.82	23.13	56.34	.06
2700.00	.64	40.66	2699.87	13.59	20.00	13.59	24.18	55.80	.09
2800.00	.68	33.90	2799.87	14.51	20.69	14.51	25.27	54.97	.09
2900.00	.55	23.85	2899.86	15.44	21.22	15.44	26.24	53.96	.17
3000.00	.13	251.48	2999.86	15.84	21.30	15.84	26.55	53.37	.64
3100.00	.35	265.38	3099.86	15.78	20.89	15.78	26.18	52.93	.23
3200.00	.37	245.62	3199.86	15.62	20.29	15.62	25.61	52.41	.13
3300.00	.41	236.92	3299.85	15.29	19.70	15.29	24.94	52.17	.07
3400.00	.42	215.18	3399.85	14.80	19.19	14.80	24.23	52.36	.16
3500.00	.45	174.28	3499.85	14.11	19.01	14.11	23.68	53.43	.31
3600.00	.55	170.84	3599.84	13.24	19.13	13.24	23.27	55.31	.10
3700.00	.72	159.55	3699.84	12.18	19.43	12.18	22.93	57.91	.21
3800.00	.90	161.87	3799.83	10.85	19.89	10.85	22.65	61.40	.18
3900.00	.94	153.57	3899.81	9.36	20.50	9.36	22.54	65.45	.14
4000.00	.85	148.30	3999.80	8.00	21.25	8.00	22.71	69.38	.12
4100.00	.62	132.74	4099.79	7.00	22.04	7.00	23.13	72.38	.30
4200.00	.34	137.68	4199.79	6.41	22.64	6.41	23.53	74.18	.28
4300.00	.22	156.85	4299.79	6.02	22.91	6.02	23.69	75.28	.15
4400.00	.15	107.98	4399.79	5.80	23.11	5.80	23.83	75.91	.17
4500.00	.28	43.94	4499.79	5.94	23.41	5.94	24.15	75.77	.25
4600.00	.38	53.07	4599.79	6.31	23.84	6.31	24.66	75.17	.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4700.00	.43	57.31	4699.78	6.71	24.42	6.71	25.33	74.63	.06
4800.00	.28	39.97	4799.78	7.10	24.90	7.10	25.89	74.07	.18
4900.00	.38	18.96	4899.78	7.60	25.16	7.60	26.28	73.18	.16
5000.00	.39	26.82	4999.78	8.22	25.42	8.22	26.72	72.08	.05
5100.00	.38	26.99	5099.78	8.82	25.73	8.82	27.20	71.07	.01
5200.00	.35	32.26	5199.77	9.37	26.04	9.37	27.68	70.20	.04
5300.00	.30	26.18	5299.77	9.87	26.32	9.87	28.11	69.45	.06
5400.00	.37	20.31	5399.77	10.41	26.55	10.41	28.51	68.59	.08
5500.00	.14	356.78	5499.77	10.83	26.65	10.83	28.77	67.88	.25
5600.00	.28	323.51	5599.77	11.15	26.50	11.15	28.75	67.18	.18
5700.00	.28	340.73	5699.77	11.58	26.27	11.58	28.71	66.22	.08
5800.00	.25	350.70	5799.77	12.02	26.16	12.02	28.79	65.32	.05
5900.00	.32	335.94	5899.77	12.49	26.01	12.49	28.85	64.34	.10
6000.00	.38	26.69	5999.76	13.04	26.04	13.04	29.13	63.40	.30
6100.00	.52	337.30	6099.76	13.76	26.02	13.76	29.43	62.13	.40
6200.00	.46	312.13	6199.76	14.45	25.54	14.45	29.35	60.51	.22
6300.00	.57	295.05	6299.75	14.93	24.80	14.93	28.94	58.95	.19
6400.00	.53	305.68	6399.75	15.41	23.97	15.41	28.49	57.27	.11
6500.00	.71	285.24	6499.74	15.84	23.00	15.84	27.92	55.44	.28
6600.00	.98	294.25	6599.73	16.35	21.62	16.35	27.11	52.89	.30
6700.00	.57	321.74	6699.72	17.10	20.53	17.10	26.72	50.22	.54
6800.00	.25	272.38	6799.72	17.50	20.00	17.50	26.58	48.83	.45
6900.00	.99	295.70	6899.71	17.88	19.01	17.88	26.09	46.75	.77
7000.00	1.07	296.43	6999.70	18.67	17.39	18.67	25.52	42.97	.08
7100.00	.88	281.91	7099.68	19.24	15.81	19.24	24.90	39.40	.31
7200.00	1.39	235.74	7199.67	18.72	14.05	18.72	23.41	36.90	1.01
7300.00	.77	241.21	7299.65	17.71	12.46	17.71	21.66	35.13	.63
7400.00	1.66	251.01	7399.62	16.92	10.50	16.92	19.91	31.83	.91
7500.00	.99	226.39	7499.60	15.85	8.51	15.85	17.99	28.22	.86
7600.00	1.06	248.37	7599.58	14.91	7.02	14.91	16.48	25.21	.40
7700.00	1.41	267.95	7699.56	14.53	4.93	14.53	15.34	18.75	.54
7800.00	.54	266.36	7799.54	14.45	3.23	14.45	14.81	12.61	.87
7900.00	1.28	274.10	7899.53	14.50	1.65	14.50	14.60	6.48	.75

Last Survey Depth Recorded

7943.00	1.07	279.61	7942.52	14.61	.77	14.61	14.63	3.03	.55
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