

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Artesia

FORM 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.
NMNM19199

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 28. Well Name and No.
CAL-MON 35 FEDERAL 171H9. API Well No.
30-015-4426910. Field and Pool or Exploratory Area
WILDCAT WOLFCAMP11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
OXY USA INC.Contact: DAVID STEWART
E-Mail: david_stewart@oxy.com3a. Address
P.O. BOX 50250
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-685-5717

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

Sec 35 T23S R31E NWNW 280FNL 710FWL
32.267418 N Lat, 103.754825 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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.

OXY USA Inc. respectfully requests approval for the following changes from the approved permit:

1. Casing Program - Set 7-5/8" csg @ 10575' instead of 10396' and add DVT Tool.

2. Cementing Program - Add DVT to 7-5/8" casing string and change/amend cementing program and Pilot Hole plug back plugs.

See attached for detail.

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 29 2017

RECEIVED

Well already Drilled

14. I hereby certify that the foregoing is true and correct. Electronic Submission #379388 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 06/30/2017 ()	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 06/21/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE AUG 14 2017	
Approved By _____	Title _____
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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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.	

(Instructions on page 2)

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

OXY USA Inc. – Cal-Mon 35 Federal #171H – Amend APD

OXY USA Inc. respectfully requests approval for the following changes to the approved APD.

1. Casing Program – Set 7-5/8” Casing to 10575’

Casing Size (in)	Weight (lb/ft)	Yield (ft)	OD (in)	ID (in)	Grade	Connection	St. Collaps (psi)	St. Burst (psi)	St. Tension (lb)
20	0	758	16	75	J55	BTC	3.01	1.27	2.73
13.5	0	4431	10.75	45.5	J55	BTC	2.11	1.26	2.14
9.875	0	7500	7.625	29.7	L80	BTC	1.21	1.22	1.6
9.875	7500	10000	7.625	29.7	HC L-80	BTC	1.13	1.22	2.97
9.875	10000	10575	7.625	29.7	HC P-110	BTC	1.14	1.78	5.56
6.75	10475	16343	4.5	13.5	P-110	DQX	1.72	1.21	2.45

*All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

2. Cementing Program - Add DV tool and 2nd Stage Cement Job

Casing	# Sts	Wt. (lb)	Yield (ft)	ID (in)	St. Comp. Strength (lb/ft ²)	Stage Description
Production 1st Stage	333	10.2	3.06	16.57	15:07	Premium Plus Cement 0.80% HR-601(Retarder), 3 lbm/sk Kol-Seal (Lost Circulation Additive), 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)
	292	13.2	1.65	8.4	12:57	Super H Cement, 0.5 % HR-604 (Retarder), 0.5 % Halad(R)-344 (Low Fluid Loss Control), 0.3 % CFR-3 (Dispersant), 2 lbm Kol-Seal (Lost Circulation Additive), 3 lbm Salt (Salt)
DV Tool & ACP Set at 6,200' for 2-Stage Cement Job						
Production 2nd Stage	1125	12.9	1.85	9.84	12:22	TUNED LIGHT (TM) SYSTEM 0.80% HR-601(Retarder), 3 lbm/sk Kol-Seal (Lost Circulation Additive), 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)
	90	14.8	1.329	6.34	7:19	Super H Cement, 0.1 % HR-800 (Retarder), 0.5 % Halad(R)-344 (Low Fluid Loss Control), 0.3 % CFR-3 (Dispersant), 2 lbm Kol-Seal (Lost Circulation Additive), 3 lbm Salt (Salt)

*A DV tool will be run to comply with permitted top of cement. If cement circulated to surface during first stage we will drop a cancellation cone and not pump the second stage.

Wellbore Section	Top of Cement (ft)	Bottom of Cement (ft)	Rem. of Cement (ft)	% Cemented	% Reverse Flow
Production 1st Stage	6200	8573	10575	100%	10%
Production 2nd Stage	0	5700	6200	300%	10%

Pilot Hole Cementing specs: Pilot hole depth: 12867' - KOP: 10,950'

Min. Depth (ft)	Max. Depth (ft)	% Cement	Yield (ft)	ID (in)	St. Comp. Strength (lb/ft ²)	St. Burst (psi)	St. Tension (lb)
12250	12867	10%	164	15	1.032	4.13	NeoCem TM
11750	12250	10%	133	15	1.032	4.13	NeoCem TM
11250	11750	10%	133	15	1.032	4.13	NeoCem TM
10750	11250	10%	143.12	17.5	1.032	4.13	Premium Cement