

District I
PO Box 1960, Hobbs, NM 88241-1960
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		OGRIID Number 16696 API Number 30-015-29337
Property Code 20190	Property Name OXY Mako State Com.	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
J	5	19S	29E		1370	South	1650	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1					86500	Proposed Pool 2			
Undesignated North Turkey Track Morrow									

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N	G	R	S	3399'
Multiple	Proposed Depth	Formation	Contractor	Spud Date
No	11400'	Morrow	Nabors	2/1/96

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Scale of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	420	Surface
11"	8-5/8"	24-32#	3000'	980	Surface
7-7/8"	5-1/2"	17-20#	11400'	435	8500'

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See other side

Posted ID-1
NL & API
1-24-97

NSL-3758 - approved 1/14/97

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>David Stewart</i>		OIL CONSERVATION DIVISION	
Printed name: David Stewart		Approved by: <i>James W. Bism</i> BSA	
Title: Regulatory Analyst		Title: District Supervisor	
Date: 1/8/97		Approval Date: 1-17-97 Expiration Date: 1-17-98	
Phone: 915-685-5717		Conditions of Approval: WELL MAY NOT PRODUCE Attached ☒ UNTIL NSL APPROVAL	

*A copy of this application was mailed to SDX Resources Inc. (operator of well in same 1/4-1/4)

ATTACHMENT C-101
OXY USA Inc.
OXY MAKO STATE COM. #1
SEC 5 T19S R29E
Eddy County, NM

PROPOSED TD: 11400' TVD

BOP PROGRAM: 0' - 400' None
400'-3000' 13-3/8" 5M blind and pipe rams with 5M annular preventer.
3000'-11400' 13-3/8" 5M blind and pipe rams with 5M annular preventer and rotating head below 8500'.

CASING: 13-3/8" 48# H40 ST&C casing @ 400'. 17 1/2" hole.
8-5/8" 24-32# K55 ST&C casing @ 3000', 11" hole
5-1/2" 17-20# N80 LT&C casing @ 11400', 7-7/8" hole.

CEMENT: Surface - Circulate cement with 220sx 65/35 POZ/C w/ 2% CaCl₂ + 6% gel + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl₂.

Intermediate - Circulate cement with 780sx POZ/C w/ 6% gel + 5#/sx salt + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl₂. Cement volumes may be adjusted to fluid caliper.

Production - Cement with 435sx Super C Modified w/ 5#/sx Gilsonite + fluid loss additives and retarder. Estimated top of cement is 8500'. Cement volumes may be adjusted to hole caliper.

MUD: 0' - 400' Gel/Lime for pH control (9 to 10).
Paper for seepage.
Wt. 8.6-8.7 ppg, vis 32-34 sec.
400' - 3000' Fresh/Brine water. Caustic for pH control (10-10.7). Paper for seepage.
Wt. 10-10.1 ppg, vis 28-32 sec
3000' - 8800' Fresh water. Caustic for pH control (9-9.5).
Paper for seepage.
Wt. 8.4-8.5 ppg, vis 28-29 sec
8800' - 10100' Cut brine. Caustic for pH control (10-10.5).
Wt. 8.8-9.0 ppg, vis 28-29 sec
10100' - 11400' Mud up with a Starpac/XCD Polymer system
Wt. 9.5-10.5ppg, vis 42-48 sec WL 6-8cc.