

District I
PO Box 1980, Hobbs, NM 88241-1980
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

RECEIVED
OCD - ARTESIA

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		OGRID Number 16696 API Number 30-015-30577
Property Code 24260	Property Name OXY Malt-O-Meal State	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	22	17S	28E		1800	South	660	West	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Undesignated Morrow WC Red Lake, Morrow, NE					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S - 636	Ground Level Elevation 3610
Multiple No	Proposed Depth 10500'	Formation Morrow	Contractor N/A	Spud Date 3/1/99

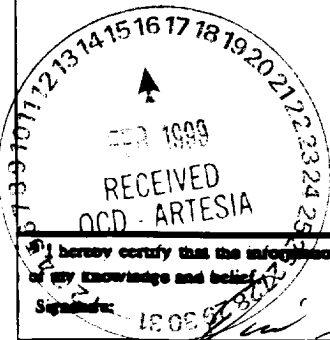
Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Seals of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	360	Surface
11"	8-5/8"	24#	2100'	515	Surface
7-7/8"	4-1/2"	11.6#	10500'	825	6000'
18 Hous WOC					

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.

Post ID-1
2-19-99
API & LOC

See other side



I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *David Stewart*

Printed name: David Stewart

Title: Regulatory Analyst

Date: 2/12/99

Phone: 915-685-5717

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
Title: DISTRICT II SUPERVISOR

Approval Date: 2-18-99 Expiration Date: 2-18-00

Conditions of Approval:
Attached ☐

ATTACHMENT C-101
OXY USA Inc.
OXY MALT-O-MEAL STATE #1
SEC 22 T17S R28E
Eddy County, NM

PROPOSED TD: 10500' TVD

BOP PROGRAM: 0' - 400' None

400' - 2100' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

2100' - 10500' 13-3/8" 5M blind pipe rams with 5M annular preventer and rotating head below 8500'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400'

Intermediate: 8-5/8" OD 24# K55 ST&C new casing from 0-2100'

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-10500'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25#/sx Cello-Flake followed by 200sx Cl C with .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂.

Intermediate - Circulate cement with 315sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25 #/sx Cello-Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 750sx 15:61:11 POZ/C/Silica with .005#/sx Static Free + .005gps FP-6L + 11#/sx CSE + .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .5% FL-25.
Estimated top of cement is 6000'.

Note: Cement volumes may need to be adjusted to hole caliper.

MUD:

0 - 400'	Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec
400' - 2100'	Brine water. Caustic for pH control (10.0-10.5). Paper for seepage. Wt 9.6-10.1ppg, Vis 28-29 sec
1800' - 6900'	Fresh water. Caustic for pH control (9-9.5). Paper for seepage. Wt 8.4 ppg, Vis 28-29 sec
6900' - 9300'	Cut brine. Caustic for pH control (10-10.5). Wt 9.6 - 10.0 ppg, Vis 28-29sec
9300' - 10500'	Mud up with an XCD Polymer mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc