

District I
1625 N French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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		OGRID Number 16696
Property Code 16141		API Number 30-015-31212
Property Name OXY Swinger		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	18S	25E		660	North	660	West	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Proposed Pool 1 Atoka Morrow, West	70760	Proposed Pool 2
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Work Type Code N	Well Type Code G	Cable/Rotary C	Lease Type Code P	Ground Level Elevation 3526'
Multiple No	Proposed Depth 8700'	Formation Morrow	Contractor UTI	Spud Date 7/10/00

Minimum WOC time 7 hrs. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	360	Circulate
12 1/4"	8-5/8"	32#	1300'	515	Circulate
7-7/8"	4-1/2"	11.6#	8700'	690	4800'

22 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

Notify OCS at SPUD & TIME
to witness cementing the
casing.

23 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: 6/30/00 Phone: 915-685-5717

OIL CONSERVATION DIVISION

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

Title:
Approval Date: JUL 05 2000 Expiration Date: JUL 05 2001

Conditions of Approval:

Attached ☐

OXY Swinger #1

660 FNL 660 FWL NWNW(D) SEC 15 T18S R25E Eddy County, NM

Fee

PROPOSED TD: 8700' TVD

BOP PROGRAM: 0' - 400' None

400' - 1300' 11" 5M blind and pipe rams with 5M annular preventer.

1300' - 8700' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 5300'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400'
Intermediate: 8-5/8" OD 32# K55 ST&C new casing from 0-1300'
Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-8700'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Intermediate - Circulate cement with 315sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Production - Cement with 615sx 15:61:11 POZ/C/CSE with .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .7% FL-25.

Estimated top of cement is 4800'.

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' - 1300' Fresh/*Brine water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec
*Fresh water will be used unless chlorides in the mud system increases to 20000ppm.

1300' - 5300' Fresh water. Lime for pH control(9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

5300' - 7900' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

7900' - 8700' Mud up with an Duc Vis Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc