

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-1010
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		OGRID Number 16696 API Number 30-015-29777
Property Code 21438	Property Name OXY PEARL STATE	Well No. 1

Surface Location

UL or loc no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	19S	29E		1980	South	660	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or loc no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 Undesignated Parkway West Morrow 82600	Proposed Pool 2
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Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3306'
Multiple No	Proposed Depth 11600'	Formation Morrow	Constructor Unknown	Spud Date 7/15/97

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# H40	400'	465sx	Circulate
12 1/4 12 1/4"	8-5/8"	24-32# K55	3000'	995sx	Circulate
7-7/8"	4-1/2"	11.6# S95-N80	11600'	860sx	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
N/A & AFE - 2/23/97
8-15-97

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:

6/30/97

Phone:

915-685-5717

OIL CONSERVATION DIVISION

Approved by:

Jim W. Brown

BGN

Title:

District Supervisor

Approval Date: 8/3/97

Expiration Date: 8/18/99

Conditions of Approval:

Attached ☐ NOTE CHANGES ON FRONT AND BACK

ATTACHMENT C-101
OXY USA Inc.
OXY Pearl State #1
SEC 32 T19S R29E
Eddy County, NM

PROPOSED TD: 11600' TVD

BOP PROGRAM: 0' - 400' None

400'-3000' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

3000'-11600' 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

4-1/2" 11.6# S95-N80 LT&C casing @ 11600', 7-7/8" hole.

CEMENT: Surface - Circulate cement with 310sx 65/35 C/POZ w/2% CaCl₂ + 6% gel + .25#/sx Cello-seal + 5#/sx gilsonite followed by 155sx Class C with 2% CaCl₂.

Intermediate - Circulate cement with 795sx 65/35 C/POZ w/ 6% gel + 5#/sx salt + .25#/sx Cello-seal + 5#/sx gilsonite followed by 200sx Class C with 2% CaCl₂. Cement volumes may be adjusted to fluid caliper.

Production - Cement with 860sx 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' Fresh water spud mud. Lime for pH control (9 to 10). Paper for seepage. Wt. 8.7-9.2 ppg, vis 33-36 sec.

400'- 3000' ~~Spud~~ ^{FRESH} water/native mud. Lime for pH control (10-10.5). Paper for seepage. Wt. 10-10.1 ppg, vis 32-34 sec

3000'-8800' Fresh water/native mud. Lime for pH control (9-9.5). Paper for seepage. Wt. 8.4 ppg, vis 26-28 sec

8800'-11600' At 8800' displace hole w/ cut brine weighing 9.0-9.1 ppg. At 10000' mud up with an XCD Polymer/PAC system weighing 9.5 ppg. Increase mud wt to 10.0-10.2 ppg by 10400'. 42-48 sec funnel vis, WL less than 8cc.