

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

Form C-101
Revised March 17, 1990
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

AMENDED REPORT

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

¹ Operator Name and Address OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		² OGRID Number 16696
³ Property Code 24799	⁵ Property Name OXY Bay State	⁴ API Number 30715-30717
		⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	17S	29E		1170	South	1650	East	Eddy

⁸ 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
⁹ Proposed Pool 1 Undesignated Grayburg Morrow					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S E537	¹⁵ Ground Level Elevation 3541'
¹⁶ Multiple S	¹⁷ Proposed Depth 11300'	¹⁸ Formation Morrow	¹⁹ Contractor FWA-Peterson	²⁰ Spud Date 9/15/99

²¹ Proposed Casing and Cement Program
Minimum WOC time 18 hrs.

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8" H40	48#	400'	360sx	Surface
11"	8-5/8" K55	32#	3200'	995sx	Surface
7-7/8"	4-1/2" N80-S95	11.6#	11300'	935sx	8500'

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

NSL 4340

8/6/99

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: David Stewart

Title: Regulatory Analyst

Date: 8/3/99

Phone: 915-685-5717

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: 8-6-99

Expiration Date: 8-6-00

Conditions of Approval:

Attached

ATTACHMENT C-101
OXY USA Inc.
OXY Bay State #1
Sec 33 T17S R29E
Eddy County, NM

PROPOSED TD: 11300' TVD

BOP PROGRAM: 0' - 400' None
400' - 3200' 13-3/8" 5M blind and pipe rams with 5M annular preventer.
3200' - 11300' 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 32# K55 ST&C new casing from 0-3200'
Production: 5-1/2" OD 17# N80-S95 LT&C new casing from 0-11300'

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

Intermediate - Circulate cement with 795sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25#/sx Cello-Seal + .005gps FP-6L + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 860sx 15:61:11 POZ/C/CSE with .005#/sx Static Free + .005gps FP-6L + .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .7% FL-25.
Estimated top of cement is 8500'.

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' - 3200' Fresh water. Lime for pH control (10.0-10.5). Paper for seepage.
Wt 8.3-9.0ppg, Vis 28-29 sec
3200' - 8300' Fresh water. Lime for pH control(9-9.5). Paper for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec
8300' - 10000' Cut brine. Lime for pH control (10-10.5).
Wt 9.6-10.0 ppg, Vis 28-29sec
10000' - 11300' Mud up with an Duo Vis/Flo Trol mud system.
Wt 10.0-10.2ppg, Vis 34-38sec, WL<8cc