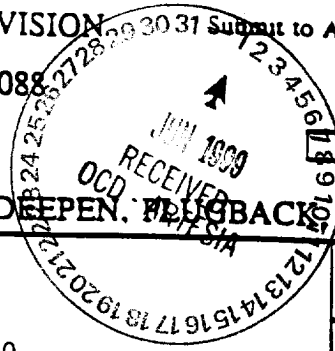


District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

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
State Lease - 6 Copies
Fee Lease - 5 Copies



AMENDED REPORT
OR ADD A ZONE

Operator Name and Address: OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		OGRID Number 16696
Property Code 24707	Property Name OXY Polar Bear State	API Number 30-0 15-30671
		Well No. 1

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
K	36	16S	27E		1860	South	1820	West	Eddy

8 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 Crow Flats Morrow					75720	Proposed Pool 2			

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S - L6517	Ground Level Elevation 3532'
Multiple No	Proposed Depth 9600'	Formation Morrow	Contractor Peterson	Spud Date After Approval

9 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	32#	1500'	725sx	Surface
7-7/8"	4-1/2"	11.6#	9600'	705sx	6000'
17-1/2"	13 3/8"	48#	400'	160sx	Surface

10 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
6-25-99
API & Loc

See other side

Notify N.M.O.C.C. in sufficient time to witness cementing the 13 3/8" casing

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>Sign of Supervisor</i> B6A	
Title: Regulatory Analyst		Title: District Supervisor	
Date: 5/22/99		Approval Date: 6-18-99	
Phone: 915-685-5717		Expiration Date: 6-18-00	
		Conditions of Approval: Attached ☐	

ATTACHMENT C-101
OXY USA Inc.
OXY Polar Bear State #1
SEC 36 T16S R27E
Eddy County, NM

PROPOSED TD: 9600' TVD

BOP PROGRAM: 0' - 1500' 20" X 40' Conductor pipe with 13-3/8" rotating head bolted on. To be used as diverter only.

1500'-9600' 8-5/8" 5M blind and pipe rams with 5M annular preventer and rotating head below 6000'.

CASING: 8-5/8" 32# K55 ST&C casing @ 1500'. 12-1/4" hole.

4-1/2" 11.6# N80 LT&C casing @ 9600'. 7-7/8" hole.

CEMENT: Surface - Circulate cement with 525sx 35:65 POZ/C with 6% Bentonite + .005% Static Free + .005gps FP-6L + 2% CaCl₂ + 0.25#/sx Cello Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 630sx 15:61:11 POZ/C/CSE with .005#/sx Static Free + 8#/sx Gilsonite + .5% FL-25 + .5% FL-52 + .005gps FP-6L followed by 75sx Cl C with .005#/sx Static Free + .7% FL-25 + .005gps FP-6L.

Estimated top of cement is 6000'.

Cement volumes may be adjusted to hole caliper.

MUD: 0' - 1500' FW/gel/lime. Lime for pH control (9-10). Paper for seepage. Wt. 8.6-9.2ppg, vis 28-34sec.

1500'-6000' Fresh water. Lime for pH control (9-10). Paper for seepage. Wt. 8.3-8.5ppg, vis 28-29sec

6000'-8700' Cut brine. Lime for pH control (10). Wt. 9.6-10.0ppg, vis 28-29sec

8700'-9800' Mud up with a Dou Vis/Flo Trol system Wt. 10-10.2ppg, vis 34-38sec, WL 8cc.