

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

☐ 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: 17933		Property Name: T-Bird State 30-1
API Number: 30-015-28718		Well No.: 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	30	19S	29E		1980	South	1980	East	Eddy

8 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
Under					82600				
Proposed Pool 1 Parkway Morrow West					Proposed Pool 2				

Work Type Code New Well	Well Type Code Gas	Cable/Rotary Rotary	Lease Type Code State VA-0545-1	Ground-Level Elevation 3310'
Multiple Single	Proposed Depth 11400'	Formation Morrow	Contrast N/A	Spud Date ASAP

21 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#	375' 600'	500	Surface
11"	8 5/8"	24-32#	3000'	690	Surface
7 7/8"	5 1/2"	17-20#	11400'	590	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

Part FD-1
11-17-95
New Loc & API

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: David Stewart		Approved by: ORIGINAL SIGNED BY TIM W. GUM	
Title: Regulatory Analyst		Title: DISTRICT II SUPERVISOR	
Date: 11/8/95		Approval Date: 11-14-95 Expiration Date: 6-14-96	
Phone: 915-685-5717		Conditions of Approval: Attached ☐	

ATTACHMENT C-101
OXY USA Inc.
T-Bird State 30-1 #1
SEC 30 T19S R29E
Eddy County, NM

PROPOSED TD: 11400' TVD

BOP PROGRAM: 0' 600' None
600'-3000' 12" 3M blind and pipe rams
3000'-11400' 10" 3M blind and pipe rams with 3M annular
type preventer and rotating head below 8500'.

CASING: 13-3/8" 48# H40 ST&C casing @ 600'. 17 1/2" hole.
8-5/8" 24-32# K55 ST&C casing @ 3000', 11" hole
5-1/2" 17-20# N80 LT&C casing @ 11400', 7-7/8" hole.

CEMENT: Surface - Circulate cement with 500sx Class C with 2% CaCl₂
+ 0.25#/sx Cello-seal.

Intermediate - Circulate cement with 490sx Liteweight cement
with 6% Bentonite + 5% salt + 0.25#/sx Cello-seal followed by
200sx Class C with 2% CaCl₂. Cement volumes may be adjusted
to fluid caliper.

Production - Cement with 590sx Class H cement with 1% KCl and
fluid loss additives and retarder. Estimated top of cement
is 8500'. Cement volumes may be adjusted to hole caliper.

MUD: 0' - 600' Fresh water spud mud. Lime for pH control
(9 to 10). Paper for seepage. Vis 33-36 sec.
600' - 3000' Brine water/native mud. Lime for pH control
(10-10.5). Paper for seepage. Wt. 8.9-9.2 ppg,
vis 32-34 sec
3000' - 10000' Fresh water/native mud. Lime for pH control
(10-10.5). Paper for seepage. Wt. 8.4 ppg,
vis 26-28 sec
10000' - 11400' Mud up with a Polymer KCl system with the
following characteristics: Wt. 8.6-8.8ppg -
Vis 32-34sec - WL 10cc or less.