

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

F-0 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 30-015-28883
Property Code 017933	Property Name 30 T-Bird STATE	Well No. 2

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
G	30	19S	29E		1930	North	1980	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
Proposed Pool 1 Undesignated Parkway Morrow, West 082600					Proposed Pool 2				

Work Type Code New well	Well Type Code Gas	Cable/Rotary Rotary	Lease Type Code State - V3615-1	Ground Level Elevation 3313'
Multiple Single	Proposed Depth 11400'	Formation Morrow	Contractor N/A	Spud Date ASAP

21 Proposed Casing and Cement Program

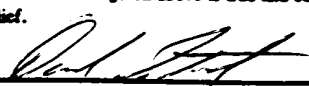
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	420	Surface
11"	8-5/8"	24-32#	3000'	880	Surface
7-7/8"	5-1/2"	17-20#	11400'	435	8500'

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

RECEIVED Post ID-1
3-22-96
MAR 19 1996 New Loc API

OIL CON. DIV.
DIST. II

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: 3/15/96		Approval Date: 3-19-96	Expiration Date: 3-19-97
Phone: 915-685-5717		Conditions of Approval: Attached <input type="checkbox"/>	

ATTACHMENT C-101
OXY USA Inc.
T-Bird State 30 #2
SEC 30 T19S R29E
Eddy County, NM

PROPOSED TD: 11400' TVD

BOP PROGRAM: 0' - 400' None
400'-3000' 13-3/8" 5M blind and pipe rams with 5M annular preventer.
3000'-11400' 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
5-1/2" 17-20# N80 LT&C casing @ 11400', 7-7/8" hole.

CEMENT: Surface - Circulate cement with 220sx 65/35 POZ/C w/2% CaCl₂ + 6% gel + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl₂.
Intermediate - Circulate cement with 780sx POZ/C w/ 6% gel + 5#/sx salt + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl₂. Cement volumes may be adjusted to fluid caliper.
Production - Cement with 435sx 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' Brine 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' - 11400' 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.

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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015- <u>28883</u>	Pool Code 082600	Pool Name Undesignated Parkway Morrow, West
Property Code 017933	Property Name T-Bird State 30	Well Number 2
OGRID No. 16696	Operator Name Oxy USA	Elevation 3313'

Surface Location

UL or lot No. G	Section 30	Township 19 S	Range 29 E	Lot Idn	Feet from the 1930	North/South line North	Feet from the 1980	East/West line East	County Eddy
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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
Dedicated Acres 320	Joint or Infill N	Consolidation Code C	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature David Stewart Printed Name Regulatory Analyst Title 3/15/96 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. March 4, 1996 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 6079a Certificate No. Gary L. Jones 7977 BASIN SURVEYS

30-015-28883

OCRID 192463

PROP 27622

POO1 82600

2819189-0

110-G

101-W

10-20-97

Comp. Neutron

200' - 11,348'

Azimuthal Laterolog

3004' - 11,348'

 **Oxford**[®]
ESSEITE

NO. R753 1/3

10%



NC 2000 KEM

11-1-97

TX	320
BK	880
yto	1354?
Del. ?	3080
127BS.	6752
2nd	7484
3rd	8542

WC	8900
Stm	10140
at.	10428
MW	10650
MC	11048
TD MC	11398