

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210-2

Form 3160-3
(July 1992)

SUBMIT TO PLICATE

Instructions on reverse side

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

OXY USA Inc.

16696

3. ADDRESS AND TELEPHONE NO

P.O. BOX 50250 MIDLAND, TX

79710-0250

915-685-5717

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980 FNL 660 FWL SWNW (E)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles east of Artesia, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

323.68

17. NO. OF ACRES ASSIGNED
TO THIS WELL

323.68

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2894'

19. PROPOSED DEPTH

9200'

20. ROTARY OR CABLE TOOLS

R

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3397'

22. APPROX. DATE WORK WILL START*

8/15/99

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H40	48#	400'	WITNESS 0sx-Surface
11"	8-5/8" K55	32#	1800'	515sx-Surface
7-7/8"	4-1/2" N80	11.6#	9200'	705sx-5600'

SEE OTHER SIDE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED David Stewart TITLE DAVID STEWART
REGULATORY ANALYST

DATE 6/24/99

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Acting Assistant Field Office Manager,
(ORIG. SGD.) ARMANDO A. LOPEZ Lands and Minerals

APPROVED BY TITLE DATE

8/27/99

*See Instructions On Reverse Side

APPROVED FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction.

ATTACHMENT 3160-3
OXY USA Inc.
OXY Jazz Federal #1
SEC 4 T17S R27E
Eddy County, NM

PROPOSED TD: 9200' TVD

BOP PROGRAM: 0' - 400' None

400' - 1800' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

1800' - 9200' 13-3/8" 5M blind pipe rams with 5M annular preventer and rotating head below 6000'.

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 0-1800'

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-9200'

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 315sx 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 630sx 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 5600'.

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' - 1800' Fresh water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0ppg, Vis 28-29 sec

1800' - 6000' Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

6000' - 8500' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

8500' - 9200' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

RECEIVED
JUN 25 99
ROSA

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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-	Pool Code 75720	Pool Name Crow Flats Morrow
Property Code	Property Name OXY JAZZ FEDERAL	Well Number 1
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3397'

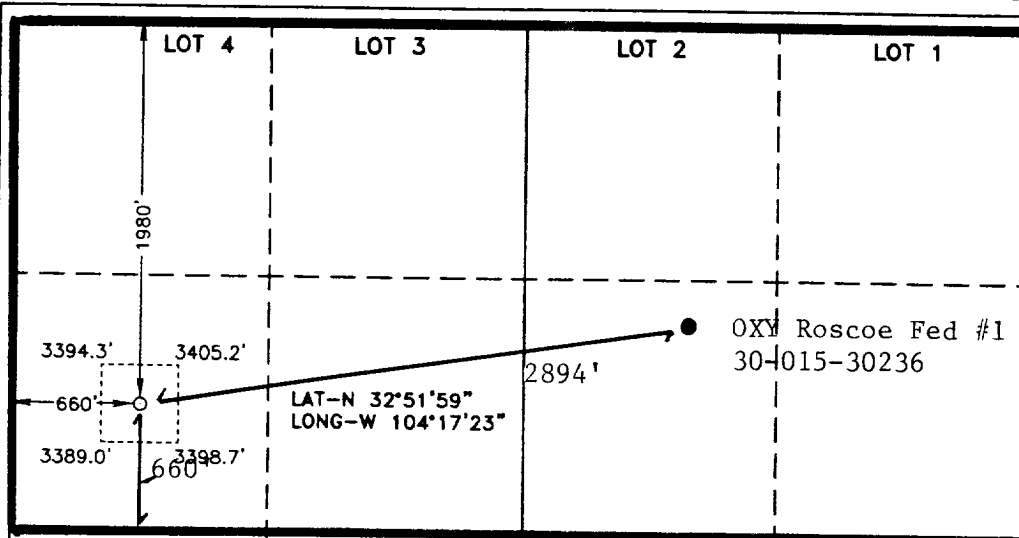
Surface Location

UL or lot No. E	Section 4	Township 17 S	Range 27 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 660	East/West line WEST	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 323.68	Joint or Infill Y	Consolidation Code	Order No. Pending						

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 that the information contained herein is true and complete to the best of my knowledge and belief.

David Stewart
Signature

David Stewart
Printed Name
Regulatory Analyst

Title
Date
6/24/99

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.

May 12, 1999

Date Surveyed
Signature & Seal of Professional Surveyor
Professional Surveyor
7974
W.O. No. 9874
Certificate No. Gary L. Jones 7977
DAVE SURVEYS

BLOWOUT PREVENTOR SCHEME

EXHIBIT A

