

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires 10-1-1994

B.L.M. Oil Cons. Division

111 S. 1st Street

Artesia, NM 88212-2834

Indian Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

If Unit or CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

TOP DOG FEDERAL COM. #1

2. Name of Operator

OXY USA INC.

16696

9. API Well No.

30-015-30400

3a. Address

P.O. BOX 50250

3b. Phone No. (include area code)

MIDLAND, TX 79710-0250

915-685-5717

10. Field and Pool, or Exploratory Area

Undesignated Morrow

4. Location of Well (Footage, Sec. T., R., M., or Survey Description)

1980 FSL 1980 FEL NWSE (J) Sec 28 T16S R27E

11. County or Parish, State

EDDY

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Final Abandonment Notice

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other Change of Operator

☒ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

AS REQUIRED BY 43 CFR 3100.0-5(a) AND 43 CFR 3162.3, WE ARE NOTIFYING YOU OF A CHANGE OF OPERATOR ON THE ABOVE REFERENCED LEASE.

OXY USA Inc. AS NEW OPERATOR ACCEPTS ALL APPLICABLE TERMS, CONDITIONS, STIPULATIONS AND RESTRICTIONS CONCERNING OPERATIONS CONDUCTED ON THE LEASE OR PORTION OF LEASE DESCRIBED.

OXY USA Inc. MEETS FEDERAL BONDING REQUIREMENTS AS FOLLOWS (43 CFR 3104):  
NATIONWIDE OIL & GAS BOND NO. 9312774

SEE OTHER SIDE

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DAVID STEWART

Title

REGULATORY ANALYST

Signature

*David Stewart*

Date

9/15/98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID R. GLASS

PETROLEUM ENGINEER

Date

SEP 18 1998

Conditions of approval, if any, are attached. Approval of this notice does not warrant or Office 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.

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 its jurisdiction.

(Instructions on reverse)

ATTACHMENT 3160-5  
OXY USA Inc.  
TOP DOG FEDERAL COM. #1  
SEC 28 T16S R27E  
Eddy County, NM

PROPOSED TD: 9400' TVD

BOP PROGRAM: 0' - 400' None

400' - 1500' 13-3/8" M blind and pipe rams with 5M annular preventer.

1500' - 9400' 13-3/8" 5M blind pipe rams with 5M annular preventer and rotating head below 6500'.

CASING: 13-3/8" 48# H40 ST&C casing @ 400', 17-1/2" hole.

8-5/8" 24# K55 ST&C casing from 0-1500', 11" hole.

4-1/2" 11.6# N80 LT&C casing from 0-9400', 7-7/8" hole.

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

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

Production - Cement with 580sx 15:61:11 POZ/C/Silica with .005#/sx Static Free + 8# Gilsonite + .5% FL-25 + .5% FL-52 + .005gps FP-6L followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .7% FL-25.

Estimated top of cement is 6000'.

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' - 1500' Fresh water. Caustic for pH control (10.0-10.5). Paper for seepage.  
Wt 8.3-9.0ppg, Vis 28-29 sec

1500' - 6000' Fresh water. Caustic for pH control (9-9.5). Paper for seepage.  
Wt 8.3-8.5 ppg, Vis 28-29 sec

6000' - 8000' Cut brine. Caustic for pH control (10-10.5).  
Wt 9.6-10.0 ppg, Vis 28-29sec

8000' - 9400' Mud up with an XCD Polymer mud system.  
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

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## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1A. TYPE OF WORK

DRILL ☒DEEPEN ☐

## B. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ☐MULTIPLE ☐

## C. NAME OF OPERATOR

Chi Operating, Inc.

915/685-5001

## D. ADDRESS AND TELEPHONE

P. O. Box 1799

Midland, Texas 79702

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

At surface

1980' FSL &amp; 1980' FEL

At proposed prod. zone

Same

## F. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

7.5 miles NE of Artesia, NM

## G. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

FURNISH OR LEASE LINE, FT.

(Also to nearest city, town line, if any)

660'

## H. NO. OF ACRES IN LEASE

920

## I. NO. OF ACRES ASSIGNED

TO THIS WELL

320

## J. DEPT'S FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLYING FOR, ON THIS LEASE, FT.

1867'

## K. PROPOSED DEPTH

9,400'

## L. ROTARY OR CABLE TOOLS

Rotary

## M. MEASUREMENTS (Show whether DF, RT, CR, etc.)

3450' GL

## N. APPROX. DATE WORK WILL START

Sept. 7, 1998

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE/TYPE OF CASING	WEIGHT PER FOOT	SETBACK DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"H-40	48.0# STC	400'	Circ. 400 BX "C"
11"	8 5/8"K-55	24.0# STC	1,500'	Circ. 700 BX "C"
7 7/8"	4 1/2"N-80	11.6# LTC	9,400'	Tieback 700 BX "H"

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND

## Mud Program

0' - 350': Fresh water (Gel/Lime)

350' - 1,500': Cut Brine

1,500' - 8,500': Cut Brine, seep. control:

8,500' - 9,400': Cut Brine, seep. control:

## SPECIAL STIPULATIONS

Mud Wt.

8.6-9.0 ppg

10.0-10.2 ppg

10.0-10.2 ppg

10.0-10.5 ppg

- Vis.

34 - 36

28 - 29

28 - 29

36 - 40

- W/L Control

No W/L control

No W/L control

No W/L control

W/L control 10cc+/-

## BOP Program:

A 11" 5000 psi wp Shaffer Type LWS BOP will installed on the 13 3/8" casing. Casing and BOP will be tested before drilling out with 11" and will be tested daily.

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.

14.

Agent for:

SIGNED

*Wesley L. Smith*

TITLE

Chi Operating, Inc.

DATE

Aug. 21, 1998

(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 enable the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

*Amadeo R. Lopez*

Acting

Assistant Field Office Manager.

Lands and Minerals

\*See Instructions On Reverse Side

DATE

9/11/98