

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. NM89873
2. Name of Operator OXY USA Inc. 16696		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 50250 Midland, TX 79710-0250 915-685-5717		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650 FNL 1650 FWL SENW(F) Sec 21 T20S R36E		8. Well Name and No. OXY Tiger Federal Com. #1
		9. API Well No. 30-025-33346
		10. Field and Pool, or Exploratory Area Osuda Morrow, North
		11. County or Parish, State Lea NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input checked="" type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change Operator - Lease</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

OXY USA Inc. requests that the following changes be made to the approved APD (copy attached). We would also request a one year extension.

PROPOSED CHANGE

ORIGINAL APD

Operator:	OXY USA Inc.	Stevens & Tull Inc.
Lease Name:	OXY Tiger Federal Com.	Asudo "21" Federal Com.
Casing:	See other side	See attached
Cementing:	See other side	See attached
BOP Program:	See other side	See attached

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

Signed David Stewart Title Regulatory Analyst Date 2/27/97

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS Title PETROLEUM ENGINEER Date MAR 25 1997

Conditions of approval, if any:

Minimum fill of cement behind the 5 1/2" production casing is to tie back 200 feet into the 8 1/2" intermediate casing set at approximately 5500 feet.

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.

*See instruction on Reverse Side

APPROVED FOR 12 MONTH PERIOD

ENDING MAR 11 1998

ATTACHMENT 3160-5

OXY USA Inc. (Stevens & Tull, Inc.)

OXY Tiger Federal COM. #1 (Asudo "21" Federal Com #1)

API NO. 30-025-33346

SEC 21 T208 R36E

Lea County, NM

PROPOSED TD: 11400' TVD

PROPOSED

BOP PROGRAM:	0' - 400'	None
	400'-5500'	13-3/8" 5M blind and pipe rams with 5M annular preventer.
	5500'-11400'	13-3/8" 5M blind and pipe rams with 5M annular preventer and rotating head below 8500'.

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

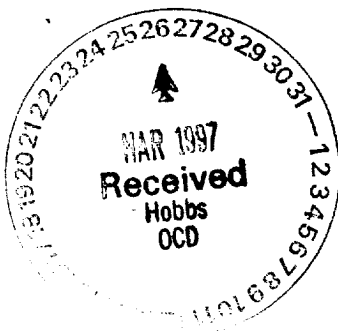
8-5/8" 32-36# K55 ST&C casing @ 5500', 11" hole
36#-1200' 32#-4300'

5-1/2" 17-20# N80 LT&C casing @ 11400', 7-7/8" hole.
20#-1200' 17#-10200'

PROPOSED CEMENT: Surface - Circulate cement with 220sx 65/35 C/POZ w/2% CaCl₂ + 6% gel + .25#/sx Cello Flake followed by 200sx Class C w/ 2% CaCl₂.

Intermediate - Circulate cement with 725sx 65/35 C/POZ w/ 6% gel + 5#/sx salt + .25#/sx Cello Flake + 5#/sx gilsonite followed by 500sx Cl C w/ 4% gel + 2% CaCl₂ + .25#/sx Cello Flake followed by 300sx Cl C w/ 2% CaCl₂. Cement volumes may be adjusted to fluid caliper.

Production - Cement with ^{sufficient} 470sx 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. 5300' (200 feet into 8 1/2" casing)



N.M. OIL CORP.
P.O. BOX 1980
HOBBS, NEW MEXICO
DEPARTMENT OF
BUREAU OF LAND

PROPERTY NO. 18738
POOL CODE 82160
EFF. DATE 3/19/96
API NO. 30-025-33346

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERM

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

CARLISLE FORCE
SINGLE ZONE ☐ MULTIPLE ZONES ☐

2. NAME OF OPERATOR

Stevens & Tull, Inc.

915/699-1410

3. ADDRESS AND TELEPHONE NO.

P. O. Box 11005

Midland, TX 79702

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

At surface

1650' FNL & 1650' FWL

At proposed prod. zone

Same

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

22.5 SW of Hobbs, NM

16. DISTANCE FROM PROPOSED

LOCATION TO FRACURE/
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

330'

18. NO. OF ACRES IN LEASE

1360

17. NO. OF ACRES ASSIGNED

TO THIS WELL
Fairmount- 440 (640)

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

N/A

19. PROPOSED DEPTH

11,400'

20. ROTARY OR CABLE TOOLS

Rotary

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

3602' GL

22. APPROX. DATE WORK WILL START

February 21, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

Lea County Controlled Water Basin

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" K-55	54.5#	1,365'	Circ. 1120 sx "C"
12 1/4"	9 5/8" K-55	36 & 40# N-80	5,505'	Circ. 1730 sx "C"
8 3/4"	7" S-95	26.0#	10,800'	Tieback w/1045 sx "C"
6 1/2"	4 1/2" N-80	11.6#	11,400'	Tieback w/165 sx "H"

Mud Program:

	Mud Wt.	Vis.	W/L Control
0' - 1,365': Fresh water Gel spud mud:	8.6- 9.3 ppg	32 - 34	No W/L control.
1,365' - 5,505': Brinewater:	10.0-10.1 ppg	28 - 30	No W/L control.
5,505' - 10,000': Fresh water:	8.4- 8.5 ppg	28 - 29	No W/L control.
10,000' - 10,800': Brinewater:	9.2- 9.5 ppg	28 - 34	W/L cont. 10-12cc.
10,800' - 11,400': Brinewater:	9.8-12.0 ppg	32 - 48	W/L cont. <6-8 cc.

BOP Program:

A 3000 psi wp 12" Shaffer LWS BOP and Annular will be installed on the 13 3/8" casing, to be used to a depth 5,505 feet. A 5000 psi wp 11" Schaffer "LWS" BOP, will be installed on the 9 5/8" casing. Casing and BOP will be tested before drilling out and will be tested daily.

Approval Subject to
General Requirements and
Special Situations
Attached

Gas not dedicated.

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 George R. Smith Agent for: Stevens & Tull, Inc. DATE Jan 30, 1996

(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:

APPROVED BY /s/ Yolanda Vega TITLE ASSISTANT AREA MANAGER DATE 3-11-96

*See Instructions On Reverse Side



BLOWOUT PREVENTOR SCHEME

