

**N.M. OIL CONS. COMMISSION**  
**P.O. BOX 1980**  
**HOBBS, NEW MEXICO 88240**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

CONTACT RECEIVING  
OFFICE FOR NUMBER  
OF COPIES REQUIRED  
(Other instructions on  
reverse side)

30-025-32286  
BLM Roswell District  
Modified Form No.  
NM060-3160-2

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>12612</b> <b>NM-0024612</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>TEXACO EXPLORATION AND PRODUCTION INC.</b>		7. UNIT AGREEMENT NAME <b>COOPER JAL UNIT</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 3109, Midland, Texas 79702</b>		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>150' FNL &amp; 100' FWL, UNIT LETTER: D</b> At proposed prod. zone <b>SAME</b>		9. WELL NO. <b>403</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>8 MILES NW OF JAL, NEW MEXICO</b>		10. FIELD AND POOL, OR WILDCAT <b>Langlie Mattix SR-2A</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>2540'</b>	16. NO. OF ACRES IN LEASE <b>2581</b>	11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA <b>SEC. 19, T-24-S, R-37-E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>865'</b>	19. PROPOSED DEPTH <b>3750'</b>	12. COUNTY OR PARISH <b>LEA</b>
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) <b>GR-3308'</b>		13. STATE <b>NM</b>
22. APPROX. DATE WORK WILL START * <b>OCTOBER 1, 1993</b>		

23. PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	WC-50	ST&C	1180'	600 SACKS CIRCULATE
7 7/8	5 1/2	15.5#	WC-50	LT&C	3750'	825 SACKS (tie back)

CEMENTING PROGRAM:

SURFACE CASING - 400 SACKS CLASS C w/ 4% GEL, 2% CaCl<sub>2</sub> (13.5ppg, 1.74cf/s, 9.1gw/s).

F/B 200 SACKS CLASS C w/ 2% CaCl<sub>2</sub> (14.8ppg, 1.32cf/s, 6.3gw/s).

PRODUCTION CASING - 475 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 350 SACKS CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

\*\*FIELDS: JALMAT AND LANGLIE MATTIX, APPLICATION TO DOWN-HOLE COMINGLE IS BEING FILED.

UNORTHODOX LOCATION - EXCEPTION HAS BEEN APPLIED FOR. (SEE ATTACHED LETTER)

NSL-3311

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 C.R. Basham / cwr TITLE DRILLING OPERATIONS MANAGER DATE 08-30-93

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY (ORIG. SGD.) RICHARD L. MANUS TITLE AREA MANAGER DATE 10-10-93

APPROVAL SUBJECT TO \_\_\_\_\_

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

ATTACHED \_\_\_\_\_

\*See Instructions On Reverse Side