

Form 3160-3  
(July 1989)  
(formerly 9-331C)

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

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

30-125-32269  
BLM Roswell District  
Modified Form No.  
NM060-3160-2

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

1a. TYPE OF WORK <b>DRILL <input checked="" type="checkbox"/></b> <b>DEEPEN <input type="checkbox"/></b> <b>PLUG BACK <input type="checkbox"/></b>		5. LEASE DESIGNATION AND SERIAL NO. <b>LC-032715</b>
b. TYPE OF WELL <b>OIL WELL <input checked="" type="checkbox"/></b> <b>GAS WELL <input type="checkbox"/></b> <b>OTHER <input type="checkbox"/></b> <b>SINGLE ZONE <input type="checkbox"/></b> <b>MULTIPLE ZONE <input checked="" type="checkbox"/></b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>TEXACO EXPLORATION AND PRODUCTION INC.</b>		7. UNIT AGREEMENT NAME <b>COPPER</b> <b>COPPER JAL UNIT</b>
3a. AREA CODE & PHONE NO. <b>(915)-888-4620</b>		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 3109, Midland, Texas 79702</b>		9. WELL NO. <b>405</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>1055' FSL &amp; 1385' FWL, UNIT LETTER: N</b> At proposed prod. zone <b>SAME</b>		10. FIELD AND POOL, OR WILDCAT <b>Langlie Mattix SR-DW</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>8 MILES NW OF JAL, NEW MEXICO</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SEC. 19, T-24-S, R-37-E</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>1255'</b>	16. NO. OF ACRES IN LEASE <b>2681</b>	12. COUNTY OR PARISH <b>LEA</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	13. STATE <b>NM</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>644'</b>	19. PROPOSED DEPTH <b>3750'</b>	20. ROTARY OR CABLE TOOLS <b>ROTARY</b>
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) <b>GR-3279'</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	1140'	800 SACKS
7 7/8	5 1/2	15.5#	WC-50	LT&C	3750'	825 SACKS

**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)**

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 / cwh TITLE DRILLING OPERATIONS MANAGER DATE 08-30-93

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE AREA MANAGER DATE OCT 8 - 1993

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION IS:

**\*See Instructions On Reverse Side**

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.