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

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT REC ING OFFICE FOR NU R OF COPIES REQUIRED
(Other instructions on reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: LC-032715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. UNIT AGREEMENT NAME: COPPER JAL UNIT

2. NAME OF OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

8. FARM OR LEASE NAME:

3a. AREA CODE & PHONE NO.: (915) 688-4620

3. ADDRESS OF OPERATOR: P. O. Box 3109, Midland, Texas 79702

9. WELL NO.: 402

10. FIELD AND POOL, OR WILDCAT: Langlie Mattix SR (Q)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2150' FSL & 50' FWL, UNIT LETTER: L
At proposed prod. zone: SAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 19, T-24-S, R-37-E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 8 MILES NW OF JAL, NEW MEXICO

12. COUNTY OR PARISH: LEA

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 2590'

16. NO. OF ACRES IN LEASE: 2581

17. NO. OF ACRES ASSIGNED TO THIS WELL: 38.10

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 782'

19. PROPOSED DEPTH: 3750'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show Whether DF, RT, GR, ETC.): GR-3294'

22. APPROX. DATE WORK WILL START*: OCTOBER 1, 1993

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	1150'	600 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% CaCl2 (13.5ppg, 1.74cf/s, 9.1gw/s).
F/B 200 SACKS CLASS C w/ 2% CaCl2 (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.P. Basham /CWH TITLE DRILLING OPERATIONS MANAGER DATE 08-30-93

(This space for Federal or State office use)

PERMIT NO. Ben Dunton APPROVAL DATE

APPROVED BY Ben Dunton TITLE AREA MANAGER DATE OCT 15 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.