

N.M. OIL CONS. COMMISSION
P.O. BOX 15
HOBBS, NEW MEXICO 88240
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEI
OFFICE FOR NUM.
OF COPIES REQUIRED
(Other instructions on
reverse side)

30-025-32268
BLM Roswell District
Modified Form No.
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC-032715		
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		
NAME OF OPERATOR TEXACO EXPLORATION AND PRODUCTION INC.			7. UNIT AGREEMENT NAME COPPER JAL UNIT		
3a. AREA CODE & PHONE NO. (915) 688-4620			8. FARM OR LEASE NAME		
ADDRESS OF OPERATOR P. O. Box 3109, Midland, Texas 79702			9. WELL NO. 401		
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2400' FSL & 1130' FWL, UNIT LETTER: L At proposed prod. zone SAME			10. FIELD AND POOL, OR WILDCAT Langlie Mattix SR. E		
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 19, T-24-S, R-37-E			12. COUNTY OR PARISH LEA		
13. STATE NM			14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 8 MILES NW OF JAL, NEW MEXICO		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1510'			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. 725'		
19. PROPOSED DEPTH 3750'			20. ROTARY OR CABLE TOOLS ROTARY		
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) GR-3287'			22. APPROX. DATE WORK WILL START* OCTOBER 1, 1993		

3. 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:

DRILLFACE CASING - 400 SACKS CLASS C w/ 4% GEL, 2% CaCl₂ (13.5ppg, 1.74cf/s, 9.1gw/s).

DRILL BIT 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, 1.4gw/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.

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

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

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.

SIGNED C.P. Bashem / cwh TITLE DRILLING OPERATIONS MANAGER DATE 08-30-93

This space for Federal or State office use)

PERMIT NO. 51 APPROVAL DATE OCT 12 1993

APPROVED BY [Signature] TITLE AREA MANAGER DATE OCT 12 1993

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side