

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO. NM-59045	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME FEDERAL (USA) 'J'	
9. WELL NO. 5	
10. FIELD AND POOL, OR WILDCAT LUSK DELAWARE, WEST	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 30, T-19-S, R-32-E	
12. COUNTY OR PARISH LEA	13. STATE NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. NAME OF OPERATOR TEXACO EXPLORATION AND PRODUCTION INC.	3a. AREA CODE & PHONE NO. (915) 688-4620
3. ADDRESS OF OPERATOR P. O. Box 3109, Midland, Texas 79702	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FSL & 1980' FEL, UNIT LETTER: O At proposed prod. zone SAME	

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 MILES SOUTH OF MALJAMAR, NEW MEXICO
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15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'	19. PROPOSED DEPTH 7200'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) GR-3547'		22. APPROX. DATE WORK WILL START* MARCH 1, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT REDIMIX
17 1/2	16	65#	H-40	PE	40'	470 SACKS
14 3/4	11 3/4	42#	WC-40	ST&C	850'	1650 SACKS
11	8 5/8	32#	WC-50	LT&C	4100'	1115 SACKS
7 7/8	5 1/2	15.5#	WC50,J55,LS65	LT&C	7200'	

CEMENTING PROGRAM: CONDUCTOR - REDIMIX.
SURFACE CASING - 300 SACKS CLASS C w/ 4% GEL, 2% CaCl₂ (13.5ppg, 1.74f3/s, 9.1gw/s). F/B 170 SACKS
CLASS C w/ 2% CaCl₂ (14.8ppg, 1.34f3/s, 6.3gw/s).
INTERMEDIATE CASING - 450 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.94f3/
s, 10.1gw/s). F/B 200 SACKS CLASS H w/ 1% CaCl₂ (15.6ppg, 1.18f3/s, 5.2gw/s).
DV TOOL @ 2800' - 2nd STAGE: 900 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8ppg,
1.94f3/s, 10.1gw/s). F/B 100 SACKS CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19f3/s, 5.2gw/s).
PRODUCTION CASING - 950 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.94f3/s,
10.1gw/s). F/B 165 SACKS 50/50 POZ CLASS H w/ 2% GEL, 5% SALT, 1/4# FLOCELE (12.8ppg, 1.35f3/s, 6
3gw/s).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

Approval Subject to
General Requirements and
Special stipulations
Approved
PROPERTY NO. 010932
POOL CODE 41540
DATE 3-8-94
API NO. 30-025-32449

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. Baeham / cwb TITLE DRILLING OPERATIONS MANAGER DATE 01-06-94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE (see log)
APPROVED BY Timothy P. O'Brien TITLE AREA MANAGER DATE MAR 3 1994
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side