

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-015-27878
BLM Roswell District
Modified Form No.
NM060-3160-2

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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-58023	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR TEXACO EXPLORATION AND PRODUCTION INC. ✓		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3109, Midland, Texas 79702		8. FARM OR LEASE NAME FEDERAL -24-	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 1650' FEL, UNIT LETTER: B At proposed prod. zone SAME		9. WELL NO. 4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 MILES SOUTHWEST OF ARTESIA, NEW MEXICO		10. FIELD AND POOL, OR WILDCAT DAGGER DRAW UP. PENN. N.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15472	
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH EDDY	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 980'		20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) GR-3601'		22. APPROX. DATE WORK WILL START* FEBRUARY 1, 1994	

23. PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48#	WC-40	PE	40'	REDIMIX
12 1/4	8 5/8	24#	WC-50	ST&C	1100'	CIRCULATE 500 SACKS
7 7/8	5 1/2	15.5# & 17#	WC-50	LT&C	8000'	TIE BACK 1485 SACKS ABOVE WOLFCAMP

CEMENTING PROGRAM: CONDUCTOR - REDIMIX.

SURFACE CASING - 450 SACKS CLASS C w/ 4% GEL, 2% CaCl₂ (13.5ppg, 1.74cf/s, 9.11gw/s). F/B 150 SACKS CLASS C w/ 2% CaCl₂ (14.8ppg, 1.34cf/s, 6.31gw/s).

PRODUCTION CASING - 1st STAGE: 550 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# CELLOPHANE FLAKES (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 160 SACKS CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s). DV TOOL @ 4500' - 2nd STG: 675 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT, & 1/4# CELLOPHANE FLAKES (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 100 SACKS CLASS H (15.6ppg, 1.18cf/s).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

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. S. Basham / cwh TITLE DRILLING OPERATIONS MANAGER DATE 12-17-93
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY H. Turney TITLE AREA MANAGER DATE FEB 25 1994
CONDITIONS OF APPROVAL, IF ANY: _____
APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side