

CONFIDENTIAL
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL & GAS COMMISSION
Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1988

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐ Re-entry

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Energex Company

505-622-6713

3. ADDRESS OF OPERATOR

100 North Pennsylvania, Roswell, NM 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FSL & 660' FEL Section 11, T25S, R25E

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

3 miles south of White City, Texas

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE

249

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.

2640'

19. PROPOSED DEPTH

5300'

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3439' GR *SSS*

22. APPROX. DATE WORK WILL START*

October 30, 1993*

PROPOSED CASING AND CEMENTING PROGRAM

ASAP after approval

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"	10-3/4"	45.5#	0-1530'	1150 Sx C1 C
9-1/2"	7-5/8"	26.4#	0-8857'	892 sx C1 H (pulled 4339')
9-1/2"	7-5/8"	26.4#	4518'-5300'	1100 sx C1 C

Energex Company plans to re-enter the former Meander "11" Federal #1 well located at the above described location, in the following manner:

- 1) Change well name to ShearnWest Federal #1.
- 2) Drill out plugs @ surface, 908-1030', 1454-1577' & 4458-4558'. Circulate hole clean. TOH with drill string. (will use cut brine system).
- 3) Log and sidewall core zones of interest.
- 4) Run 7-5/8" 26.4# casing with overshot and tie into the 7-5/8" casing @ 4518', then cement the 7-5/8" casing with approximately 1100 sx Class C cement to tie back into the 10-3/4" casing.

IG-1
11-26-93
RE-ENTRY

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.

SIGNED

TITLE

Jackie Midkiff Production Supv. 9/21/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side