

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Amoco Production Company

3. ADDRESS OF OPERATOR  
P. O. Drawer "A", Levelland, TX 79336

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
1,980' FSL and 1,830' FWL (Unit K, Section 15)  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 9 miles northeast of Jal, New Mexico

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3250.2 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT                |
|--------------|----------------|-----------------|---------------|-----------------------------------|
| 12-1/4"      | 9-5/8"         | 36#             | 1,200'        | Circ. to surf.                    |
| 8-3/4"       | 7"             | 23#             | 3,600'        | Enough to tie back to 9-5/8" csg. |

After reaching TD, logs and cores will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

Mud 0' - 1,200' Native mud and fresh water.  
1,200' - 3,600' Brine water, native mud and sufficient commercial mud to maintain good hole conditions.

BOP program is attached.

Archaeological reconnaissance is attached.

Gas is not dedicated. Unless Drilling Operations have Commenced, this drilling approval Expires 2-15-78

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 Randy Atkins TITLE Staff Assistant (SG) DATE 10-27-77

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

044 USGS-H  
1 DIV  
1 SUSP  
1 RC

\*See Instructions On Reverse Side

APPROVED  
AMENDED  
NOV 15 1977  
ARTHUR R. BROWN  
DISTRICT ENGINEER

5. LEASE DESIGNATION AND SERIAL NO.  
LC-032450-1 (6)  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Myers "B" Federal  
9. WELL NO.  
29  
10. FIELD AND POOL, OR WILDCAT  
Langlie Mattix Queen  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
15-24-37  
12. COUNTY OR PARISH  
Lea  
13. STATE  
New Mexico

100-20577

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 10-10-2001 BY 60322  
HURBS, N. M.