

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
 BOX 68, HOBBS, N. M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1980' FSL x 860' FWL Sec. 27 (UNIT L, NW/4 SW/4) O. C. C.
 At proposed prod. zone ARTESIA, OFFICE

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

10. 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.)
 NYA

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
CONDUCTOR 1 1/4 - 11"	PIPE - 1 1/2" 8 5/8"	32#	1800'	Circulate
7 7/8"	5 1/2"	14-17#	9700'	250 Sx.

After drilling well, logs will be run and evaluations made, perforating and or stimulating as necessary in attempting commercial production.

MUD PROGRAM = 0-1800' - Water & native mud.
 1800 - TD - Water & native mud of min quality mud for samples and drilling & completion operations.

BOP PROGRAM - ATTACHED

Control requirements for Deep Wells shall be applied.

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 J. J. [Signature] TITLE AREA ENGINEER DATE FEB 19 1974

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE US APPROVAL IS TO BE IN EFFECT IF OPERATIONS ARE NOT COMPLETED WITHIN 3 MONTHS. EXPIRES _____ DATE _____

APPROVED
 MAR 6 - 1974
 L. BEEK
 DISTRICT ENGINEER

045-USGS-ART
 - Div
 1-SUSP
 1-RRY
 2-ARCO, MIDLAND

*See Instructions On Reverse Side

SUBJECT TO ATTACHED DEEP WELL CONTROL REQUIREMENTS DATED JUN 22 1973

30-015-21119
 5. LEASE DESIGNATION AND SERIAL NO.
 LC-067849
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 HONDO FED. GAS COM
 9. WELL NO.
 2
 10. FIELD AND POOL, OR WILDCAT
 LOGAN DRAW-MORROW
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 27-17-27 NMPM
 12. COUNTY OR PARISH 13. STATE
 EDDY N.M.
 16. NO. OF ACRES IN LEASE
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 320
 20. ROTARY OR CABLE TOOLS
 ROTARY
 22. APPROX. DATE WORK WILL START*
 3-1-74

RECEIVED
 FEB 20 1974
 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

JUN 6 - 1974