

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 ☐

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P. O. Box 68, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1650' FNL X 1980' FWL, Unit F
At proposed prod. zone
Sec. 35, T-18-S, R-31-E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
16 miles Southeast of Loco Hills

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

16. NO. OF ACRES

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
11800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3637.9' GL

22. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	765'	800 sx Incon cement
12-1/4"	9-5/8"	36#	4600'	1500 sx UB Lite, 200 Class C
8-3/4"	5-1/2"	17#, 20#	11800'	1500 sx Trinity Lite, 1200 Class H

Propose to abandon the Bone Springs and test the Morrow as follows:

Kill well with 2% KCl brine water. Set a cement retainer at apx. 9092'. Squeeze Bone Spring perfs 9192'-9300' with 150 sacks class H cement. Drill out cement retainer and cement to 10985'. Pressure test. Drill out cast iron bridge plug at 1000'. Set a cement retainer at apx. 10954'. Squeeze atoka perfs 11054'-11080' with 150 sacks class H cement. Drill out cement retainer and cement to 11285'. Pressure test. Drill out cement and circulate hole with 2% KCl brine water. Drill out cast iron bridge plug set at 11300'. Run 2-3/8" tubing and packer. Set packer at apx. 11320'. Swab and flow test. Hook up lubricator. Perforate Morrow intervals 11694'712' and 11724'732' with 4 DPJSPF. If well will not flow, acidize with 5700 gal 7-1/2% MS acid with 1000 SCF N2/bbl. Flush with 55 bbl 2% KCl brine water with 1000 SCF N2/bbl. Swab and flow test. Place well on production.

0+5-BLM, R 1-R.E. Ogden, Hou 1-F. J. Nash, Hou 1-CLF
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 Cathy L. Forman TITLE Asst. Admin. Analyst DATE 7-27-83

(This space for Federal or State office use)

PERMIT NO. 1018 &gd.) PETER W. CHESTERAPPROVED BY AUG 23 1983 TITLE