

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-26469

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. Box 68, Hobbs NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 660' FNL & 1980' FEL, Sec. 18
 At proposed prod. zone (Unit B, NW/4 NE/4)

5. LEASE DESIGNATION AND SERIAL NO.
 LC-064790

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal AC

9. WELL NO.
 1

10. FIELD AND FOOT OF PRODCAT
 West Tonto Penn **UNDESIGNATED**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 18-19-33

12. COUNTY OR PARISH 13. STATE
 Lea NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 46.6 miles south of Hobbs, NM

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

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

19. PROPOSED DEPTH
 13,700

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3644.3 GR

22. APPROX. DATE WORK WILL START*
 8-15-79

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"	54.5#	450'	Circ to Surf
12-1/4"	9-5/8"	40#	5000'	Circ to Surf
8-3/4"	5-1/2"	17 & 20#	13700'	Tie back to 9-5/8"

Propose to drill and equip well in Penn Zone. After reaching TD, logs will be run and evaluated; perforate and/or stimulate as necessary in attempting commercial production.

Mud Program: 0 - 450' Native mud and fresh water
 450' - 5000' Native mud and brine water
 5000' -12400' Commercial mud and cut brine
 12400' -13700' Commercial mud w/KCL for 6% system and cut brine. Prior to Morrow penetration raise viscosity

Archaeological Survey Attached.
 BOP Program Attached
 Gas is not dedicated

RECEIVED
 1979
 U. S. GEOLOGICAL SURVEY
 HOBBS, NEW MEXICO

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 Bob Davis TITLE Asst. Admin. Analyst DATE 7-16-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED AS AMENDED
 DATE SEP 10 1979
 JAMES F. SIMS
 DISTRICT ENGINEER

*See Instructions On Reverse Side