

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N.M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

30-025-27640

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 1780 FNL X 2180 FWL, Sec. 9
 At proposed prod. zone T-19-S, R-33-E

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

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

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3691.3 GL

22. APPROX. DATE WORK WILL START*
 10-25-81

5. LEASE DESIGNATION AND SERIAL NO.
 060549

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 DENN FEDERAL Com.
 Federal BX Gas Com.

9. WELL NO.
 X 2

10. FIELD AND POOL, OR WILDCAT
 Buffalo Penn Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 9-19-33

12. COUNTY OR PARISH
 Lea

13. STATE
 NM

OCT 23 1981

23. 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#	450	Circ.
12-1/4	9-5/8	40#	5000	Tie back to 17-1/2 13 3/8
8-3/4	5-1/2	17#, 20#, 23#	13700	500' above the Delaware

Propose to drill and equip well in the Morrow 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 & fresh water
 450-5000 Commercial mud & brine water with minimum properties for safe hole conditions
 5000-12400 Add fresh water to mud system
 12400-13700 Add KCL for 6% system, use brine water for additional make-up. At 12800' raise viscosity and reduce water loss to 6.0 cc for Morrow penetration

BOP Program Attached
 Archaeological Survey Attached
 Gas is not dedicated.

0+5-USGS, R 1-Hou 1-Susp 1-MDR 1-Superior, Woodlands

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 Mark Randolph TITLE Assist. Admin. Analyst DATE 10-21-81

(This space for Federal or State office use)

PERMIT NO. **APPROVED** APPROVAL DATE _____

APPROVED BY JAMES A. GILLHAM TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY **NOV 9 1981**

JAMES A. GILLHAM
 DISTRICT SUPERVISOR

*See Instructions On Reverse Side

RECEIVED

NOV 12 1981

ELT

CONSERVATION DIV