

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
*1980' FNL X 1980' FEL, Sec. 24*  
 At proposed prod. zone  
*(Unit G, SW/4 NE/4)*

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

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL  
*40*

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

19. PROPOSED DEPTH  
*3911'*

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
*3553' RDB*

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
*LC-031736 (a)*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
*Stillelly "A" Federal*

9. WELL NO.  
*11*

10. FIELD AND POOL, OR WILDCAT  
*Eunice Monument GSA*

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
*24-20-36*

12. COUNTY OR PARISH  
*Lea*

13. STATE  
*NM*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13"	40 #	296'	200 lbs
	9 7/8"	56 #	2484	600 lbs
	7"	22 #	3745	300 lbs

Propose to open additional potential by deepening the well as follows:  
 POH with rods, pump, log, and mother Hubbard. Deepen the hole 40'  
 using a 6 1/4" bit and bull dog bailer. POH with bit and bailer. Stimulate  
 as follows: Run base GR/Temp survey from 3911' (new TD) to 3700'. RIH  
 with tug to 3890' and spot 5 vols 15% NEFE HCL w/add. POH with log  
 and RIH with pbr and log, set pbr at 3735'. Pump 2000 gals 15% NEFE  
 0+5 NMOC, 4 1-JRB1-FJN 1-GCC

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 *Mary C. Clark* TITLE *Asst. Admin. Analyst* DATE *12-12-84*  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE *12-14-84*  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

HCl acid w/add. Pump 300 gals 20# gelled brine with 450 #s of graded rock salt. Pump 2000 gals 15% NEFE HCl w/add. Pump 300 gals 20# gelled brine with 450 #s graded rock salt. Pump 2000 gals 15% NEFE HCl acid w/add. Flush acid w/46 bbls fresh water. Run after treatment survey from 3911-3700' Tag all acid with RA material.

Swab back spent acid. Release pkr and POH with tbg and pkr. RIH with gas anchor, tbg w/seating nipple on bottom (land at 3812') Run rods and pump and return well to production.