

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO.		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Amoco Production Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 3092, Houston, TX 77253 (Rm. 17.182)			8. FARM OR LEASE NAME PMS 8 Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL X 510' FEL (Unit H, SE/4, NE/4) At proposed prod. zone			9. WELL NO. 8		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6.5 miles SE of Loco Hills, NM			10. FIELD AND POOL, OR WILDCAT Shugart Bone Springs, North		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 510'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T-18-S, R31-E, NMPM		
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Eddy		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 8600'			19. PROPOSED DEPTH 8600'		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* Feb. 17		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3696.8' GR					

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 & 54.5#	350'	500 sx cir. to Surface
12-1/4"	8-5/8"	32#	2150'	1200 sx cir. to Surface
7-7/8"	5-1/2"	15.5 & 17#	8600'	1350 sx Tie back to 1500'

Propose to drill & equip well in Bone Springs formation.
After reaching TD, logs will be run & evaluated. Perforate & stimulate as
necessary in attempting commercial production.

Mud Program: 0-400' Fresh water & native mud
400-2150' Brine water
2150-8000' Brine water
8000-TD LSND

Post ID-1
2-28-92
New Loc & API

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 Kim A. Clevin TITLE Asst. Admin. Analyst DATE 1/13/92
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE 2-11-92

CONDITIONS OF APPROVAL, IF ANY:
APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side