

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN : LOCATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <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 68, Hobbs, NM 88240		8. FARM OR LEASE NAME South Mattix Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL x 660' FEL At proposed prod. zone Sec 22, T-24-S, R-37-E		9. WELL NO. 15
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 mi. north of Jal, NM and 2 mi. east		10. FIELD AND POOL, OR WILDCAT Fowler Ellenburger
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	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 22-24-37
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3234 GL	17. NO. OF ACRES ASSIGNED TO THIS WELL	13. STATE NM
20. ROTARY OR CABLE TOOLS		22. APPROX. DATE WORK WILL START* ASAP

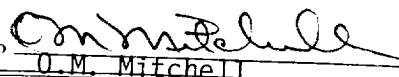
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17	13-3/8"	48	300	300 sx
12-1/4"	9-5/8"	32.3 & 36	4378	430 sx
8-3/4"	7"	23	9900	1165 sx

Purpose to Temporarily Abandon the Ellenburger and recomplete in the Silurian.

Shut-in well for 24 hours and then sonolog. MI and RUSU. POH with production equipment. RIH with CIBP and set at 9400. Load hole with 2% KCL FW. Run a GR/CBL/CCL log from 9400-6000. Perf 7002-7040 with 4" casing gun at 4 JSPF and 90° phasing. RIH with PPIP at 2 foot spacing. Acidize with 4000 gal of 15% HCL with 8 gal WA-212, 6 gal WA-211 and 40 gal of EDTA as follows: Acidize perfs with PPIP using 50 gal of acid/foot of perfs and pump the remaining 2100 gal of acid at 5-6 BPM. Swab to clean up acid load. Return to production.

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 <u>O.M. Mitchell</u>	TITLE <u>Senior Admin. Analyst</u>
(This space for Federal or State office use)	
DATE <u>4-29-87</u>	
PERMIT NO. <u>Orig. Sgd. Linda C. C. Sundell</u>	APPROVAL DATE
APPROVED BY <u>Acting Area Manager</u>	
CONDITIONS OF APPROVAL, IF ANY:	TITLE <u>5-14-87</u>

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

production 6-21-85 w/ prod after WD = 17 BOPD X 76 BWPD X 35 mCFD.