

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AMERICAN OIL CO. INC. CONTACT # 10010
OFFICE NUMBER
OF COPIES REQUIRED
Instructions on
reverse side

BLM Roswell District
Modified Form No.
NM60-3160-2

458

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

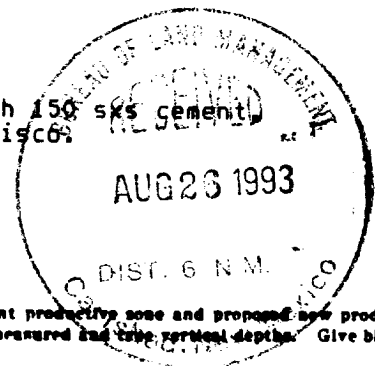
1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0452769
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Conoco, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 10 Desta Dr. Ste 100W, Midland, TX 79705		8. FARM OR LEASE NAME Preston Fed. No.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At wellface 1980' FSL & 990' FEL At proposed prod. zone Cisco		9. WELL NO. 4
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT South Dagger Draw Penn
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR S.E. AND SUBST. OR AREA Sec 34, T20-1/2S, R24E
15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH 13. STATE Eddy NM
16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL 345.21
18. PROPOSED DEPTH 8000'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DP, RT, GR, etc.) 3759.7'		22. APPROX. DATE WORK WILL START* 9/1/93

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	K-55	ST&C	270'	375 sx circ.
11"	8-5/8"	32#	K-55	ST&C	850'	850 sx circ.
7-7/8"	5-1/2"	17#	K-55	LT&C	7736'	1727 sx
4-3/4"	4-1/2"	9.5#	flush jt.	FL-S	8000'	150 sx

This well is already completed in the Cisco formation but did not penetrate all of the Cisco. It is proposed to deepen the wellbore to access the lower Cisco intervals by the following procedure:

1. Drill out the CIBP at 7530'.
2. Squeeze the perfs at 7548'-7676' with 150 sxs of cement.
3. Drill out the cement.
4. Deepen the well with a 4-3/4" hole to 8000'.
5. Run 4" flush joint liner from TD to 7350' and cement with 150 sxs cement.
6. Perforate and complete selected intervals in the lower Cisco.



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 Jerry M. Brown TITLE Sr. Conservation Coordinator DATE 8/24/93
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY (ORIG. SGD.) JOE G. LARA TITLE Petroleum Engineer DATE SEP 7 1993
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side