

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. SF 078673
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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 ARCO Oil and Gas Company, a Division of Atlantic Richfield Company		7. UNIT AGREEMENT NAME ---
3. ADDRESS OF OPERATOR P. O. Box 5540, Denver, Colorado 80217		8. FARM OR LEASE NAME Schlosser WN Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1835' FSL & 1720' FWL, Sec. 3-T27N-R11W At proposed prod. zone Approx. the same		9. WELL NO. #222 #2R
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles south of Bloomfield, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin Dakota
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1720'	16. NO. OF ACRES IN LEASE 2566.96	17. NO. OF ACRES ASSIGNED TO THIS WELL 160 w/321.36
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. (R&G drlg #10) 1117'	19. PROPOSED DEPTH 6800'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		22. APPROX. DATE WORK WILL START* 11/20/84

DRILLING OPERATIONS AUTHORIZED ARE 6198' GR

SUBJECT TO COMPLIANCE WITH ATTACHED

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	500'	Approx 250 sx, cnt to surf
8-3/4"	7"	26#	6800'	Approx 825 sx, cnt to 9-5/3" shoe. Probable two-stage job.

Propose to drill well to a depth sufficient to complete in the Dakota Formation
per the attached:

1. Certified Location Plat
2. Drilling Plan with Attachments
3. Surface Use Plan with Attachments

RECEIVED

NOV 28 1984

OIL CON. DIV.
DIST. 3

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 J. B. Morse TITLE Operations Manager DATE 1 Nov. 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

DATE
NOV 27 1984

John H. Kellum
FARMINGTON, N.M.

110000