

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. SF 078673
2. 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 1850' FNL, 790' FWL, Sec. 10-T27N-R11W At proposed prod. zone Approximately the same		9. WELL NO. 1R 101
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
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Also to nearest drig. unit line, if any: 790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA E Sec. 10-T27N-R11W
18. NO. OF ACRES IN LEASE 2566.96		12. COUNTY OR PARISH San Juan
19. PROPOSED DEPTH 6900'		13. STATE New Mexico
17. NO. OF ACRES ASSIGNED TO THIS WELL 100 W/320		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether SF, RT, GR, etc.) 6250' GR		22. APPROX. DATE WORK WILL START* 12-10-84

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
'GENERAL REQUIREMENTS'

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 200.
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	500'	Approx 250sx, cmt to surf
8 3/4"	7"	26#	6900'	Approx 850sx, cmt to 9 5/8" 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

RECEIVED
NOV 14 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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. R. Morse TITLE Operations Manager
This space for Federal or State office use

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
NOV 27 1984
AS AREA MANAGER
FARMINGTON RESOURCE AREA

NMOCC