

OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

APR 15 1976



COLO. OIL & GAS CONS. COMM.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Atlantic Richfield Company

3. ADDRESS OF OPERATOR  
 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 SE SW SE = 600' f/South & 1479' f/East lines Sec. 6  
 At proposed prod. zone  
 Approx same *SWSE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

5. LEASE DESIGNATION AND SERIAL NO.  
 Fee  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Arthur Sindt  
 9. WELL NO.  
 10  
 10. FIELD AND POOL, OR WILDCAT  
 West Padroni - West  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 6-9N-52W  
 12. COUNTY OR PARISH  
 Logan  
 13. STATE  
 Colorado

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)  
 600' / Rule 318  
 16. NO. OF ACRES IN LEASE  
 920  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 No spacing

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 920' f/#3 in NW SW SE.  
 1279' f/Well in  
 19. PROPOSED DEPTH  
 5200'  
 20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 NW NW NE Sec. 7 Elev.:  
 (Surveyed) 4033.5' GL, Ungraded  
 22. APPROX. DATE WORK WILL START  
 When appl rec'd.  
 Est. 4/20/76

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" OD	24#	300'	300 sx (Cmt to surface)
7-7/8"	5-1/2" OD	15.5#	T.D.	200 sx

Propose to drill well to depth sufficient to test the "O" Sand. Estimated tops: Carlile 4143', Greenhorn 4368', Graneros 4372', "D" 4606', "J" 4722', Skull Creek 4822', "M" 4942', "O" 4991'. 8-5/8" casing to be set at approx 300' & cmtd to surface; drill 7-7/8" hole to T.D.; log well; if productive, set 5-1/2" casing w/sufficient cement to protect all zones; perforate indicated productive zone(s), test, treat if necessary, and complete.

BOP will be tested to 500# before drilling out of surface casing, and operational checks made daily and on trips.

- 0' - 300' Gel & lime as necessary to drill surface hole and set casing.
- 300' - 4600' Water w/ gel & chemical to maintain hole
- 4600' - T.D. Gel-Chem, low solids. 8.9-9#, 40-45 vis., 10cc or less water loss. Increase viscosity for testing & logging.

\$75.00 Permit Fee paid by Check No. 005595, dated 4-15-76.

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 B. J. Sartin TITLE Dist. Drlg. Supvr. DATE 4/14/76

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY McRogers TITLE DIRECTOR DATE APR 19 1976  
 O & G CONS. COMM.

A.P.I. NUMBER  
05 075 8596

See Instructions On Reverse Side