

DEPAR



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SEP 9 1975

GEOLOGICAL SURVEY

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

NW NE - 640' f/North & 1330' f/East lines Sec. 10

At proposed prod. zone

NE NW - 1000' f/North & 1700' f/West lines Sec. 10

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

Approx 5 miles South of Gardner, Colo.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

640'

16. NO. OF ACRES IN LEASE

640 Ac

17. NO. OF ACRES ASSIGNED TO THIS WELL

Not spaced

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1st well

19. PROPOSED DEPTH

4550' TV, 5200' MD

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

8304' GL, Ungr.

22. APPROX. DATE WORK WILL START\*

When appl rec'd  
Est. 9/22/75

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15-1/2"	10-3/4"	32.75#	250'	250 sx (Cmt to surface)
8-3/4"	5 1/2" or 7"	15.5# 20 & 23#	Total Depth	400 sx

Propose to deviate hole by directionally drilling from surface location approximately 2400' horizontally on a 250° to 270° azimuth, making bottom hole location approximately as above. Bottom hole location will be on Lease No. C-10646, in which Atlantic Richfield Company owns all interest. Purpose of deviating is to aid in determining if Little Sheep Mountain is of laccolithic type origin and if sediments are normal. Estimated formation tops are Dakota @ 3550' TV and Entrada @ 4150' TV. 10-3/4" surface casing to be set at approx 250' and cmt'd to surface; 8-3/4" hole directionally drilled to T.D. and well logged; if productive, set 5-1/2" or 7" casing with sufficient cement to protect all zones; productive zone(s) will be perforated, treated if necessary, and well completed.

Attachments: Certified Location Plat; Pertinent Drilling Information; Development Plan for Surface Use w/att.

\$ 75.00 Filing Fee, per Colorado Oil & Gas Cons. Comm. rules and Regulations, paid by

Check No. 125529, dated 9-8-75.

2cc w/Check - Colorado Oil & Gas Cons. Comm.

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

TITLE

Dist. Prod. & Drlg. Supt.

DATE

9/8/75

(This space for Federal or State office use)

PERMIT NO.

75 789

APPROVAL DATE

DIRECTOR

APPROVED BY

TITLE

DATE

SEP 10 1975

CONDITIONS OF APPROVAL, IF ANY:

DVR	✓
FIP	✓
HMM	
JAM	✓
JJD	Plotted
GCH	
CGM	

\*See Instructions On Reverse Side

A. P. I. NUMBER

05 055 6029

75-789