

UNITED STATES
DEPARTMENT OF THE INTERIOR
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

P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' FSL & 1980' FWL (Unit letter S)

At proposed prod. zone

as above

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

RECEIVED

NOV 15 1976
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line if any)

18. DISTANCE FROM PROPOSED LOCATION
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

308.48

19. PROPOSED DEPTH

17. NO. OF ACRES ASSIGNED
TO THIS WELL

308.48

20. ROTARY OR CABLE TOOLS

Workover Rig

21. ELEVATIONS (Show whether DF, RT, GR, or B.S.)

3152.2' GR

22. APPROX. DATE WORK WILL START*

11/15/76

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| No change in | casing | | | |
| | | | | |
| | | | | |

Propose to recomplete this well to the Strawn Gas after plugging and abandoning the Morrow. Recompletion work to be performed in the following manner:

1. Perforate Strawn w/1 JS ea @ 9990, 91, 92, 93, & 10,020 & 10,021'.
2. RIH w/pkr on 2-7/8" tbg, set pkr @ 9930'.
3. Acidize perfs 9990-10,021' w/2000 gals 15% HCL-LSTNE acid w/iron sequestrant agent.
4. Flow back load, test for gas production.

Note: Notice of Intent to P&A Morrow Gas zone reported separately on Form 9-331.

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 prevention program, if any.

24.

SIGNED

Allen Smith

TITLE Dist. Drlg. Supv.

DATE 11/12/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Joe M. Lora

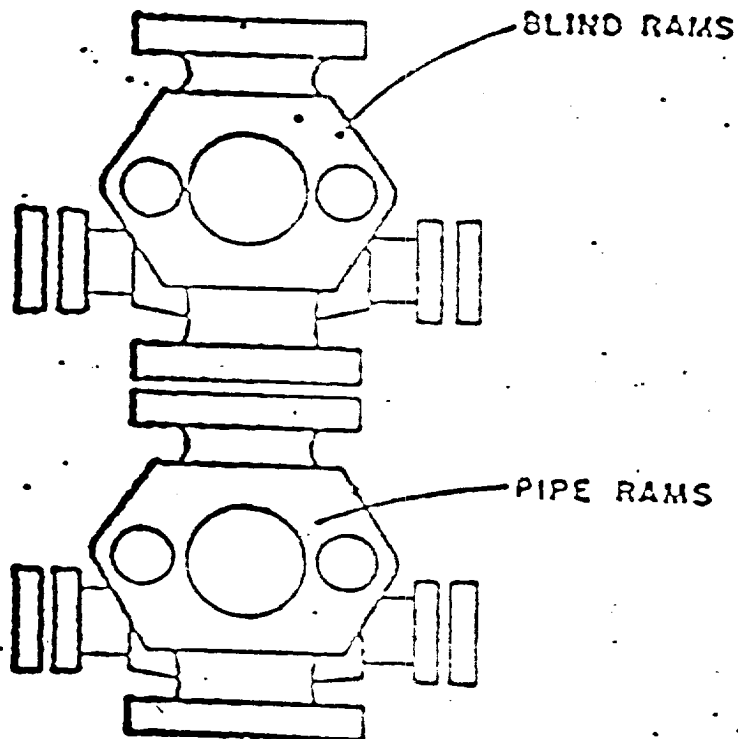
TITLE

ACTING DISTRICT ENGINEER

DATE

NOV 16 1976

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Kurland Federal

Well No. 1

Location 1980' FSL & 1980' FWL
Sec 6-21S-27E, Eddy County

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.