

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate  
(Other instructions  
verse side)Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

LC 054453

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Duthie Andrews Com WN

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Jalmat Gas

11. SEC., T., E., M., OR BLK. AND  
SURVEY OR AREA

19-23S-37E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

3327.6' GR

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Other) Cmt Squeeze Jalmat Gas, Complete in Langlie (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

TD 3700', PBD 3659'. Present perms are Jalmat Gas 2895-3035'.  
8-5/8" OD 24# csg set @ 418' & cmt w/120 sx to surf.  
4-1/2" OD 9.5# csg set @ 3700'. Cmt w/350 sx. TOC @ 1950' from surface.

On test 9/6/75 pumped Jalmat Gas perms 2895-3035', 0 BO, 3 BW & 108 MCFG. Well shut in 9/7/75, completion attempt in Jalmat Gas unsuccessful.

Propose to change plans and cmt squeeze Jalmat perms and complete in the Langlie Mattix zone in the following manner:

1. Rig up, kill well, install BOP & POH w/completion assembly.
2. Run CBL from PBD to 1900'. Evaluate cement condition behind 4 1/2" casing.
3. Remedial cmt squeeze behind 4 1/2" csg if necessary.
4. Cmt squeeze Jalmat perms 2895-3035', drill out cmt, press test squeeze job to PBD.
5. Perforate Langlie Mattix zone w/1 JS ea @ 3463, 67, 92, 95, 3508, 11, 14, 17, 20, 23, 95, 3603, 06 (13 holes).
6. Acidize perms w/1500 gals 15% HCL LSTNE acid.
7. Frac w/15,000 gal gelled 2% KCL wtr w/37,500# 20/40 sand.
8. Swab test and complete.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Dist. Drlg. Supv.

DATE 10/30/75

(This space for Federal or State office use)

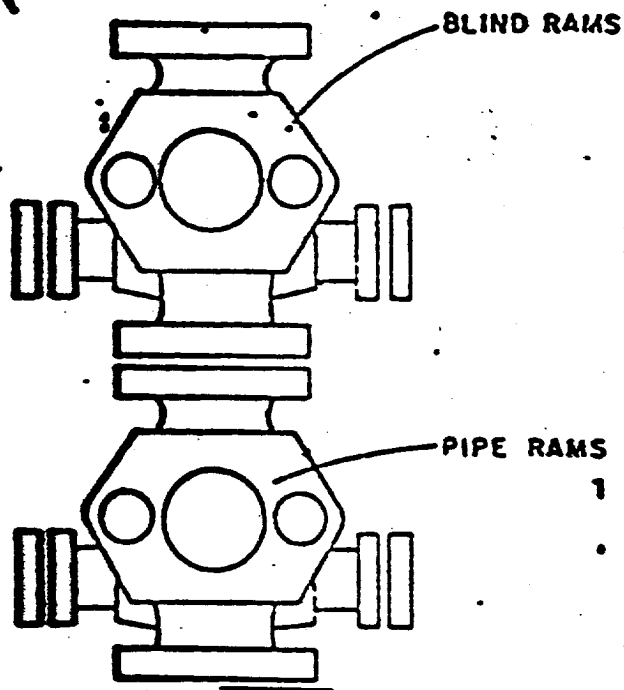
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



**ATLANTIC RICHFIELD COMPANY**  
**Blow Out Preventer Program**

**Lease Name** Duthie Andrews Com WN

**Well No.** 4

**Location** 660' FNL & 1980' FEL  
Sec 19-23S-37E, Lea County

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