

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE
(Other instruct. on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 067858

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

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.*
See also space 17 below.)
At surface

660' FNL & 660' FWL (Unit letter D)

14. PERMIT NO.

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

3547' GR

7. UNIT AGREEMENT NAME

Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "M"

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

11-18S-27E

12. COUNTY OR PARISH

Eddy

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

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Squeeze Cmt present perfs &
complete lower in reef

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(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 perti-
nent to this work.) *TD 6114', PBD 6038'. Presently completed in perfs 5966-86'. Propose to cmt present perfs
& perforate & treat lower in Abo as follows:

1. Rig up, kill well. POH w/compl assy.
2. RIH w/cmt retr, set retr @ 5900'.
3. Squeeze Abo perfs 5966-86' w/425 bbls 30#/gal frac gel followed by LWL cmt.
4. Drill out squeeze job & pressure test, drill to 6100' & pressure test.
5. Perforate Abo 6070-80' w/2 JSPF.
6. RIH w/compl assy, acidize Abo perfs 6070-80' w/300 gals 15% HCL, 500 gals 10# CaCl
wtr, 500 gals LC, 1500 gals 60/40 15% HCL/xylene, flushed w/18 BLC. Swab test &
return to production.

RECEIVED

MAR 14 1978

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg Supt.

DATE 3/13/78

(This space for Federal or State office use)

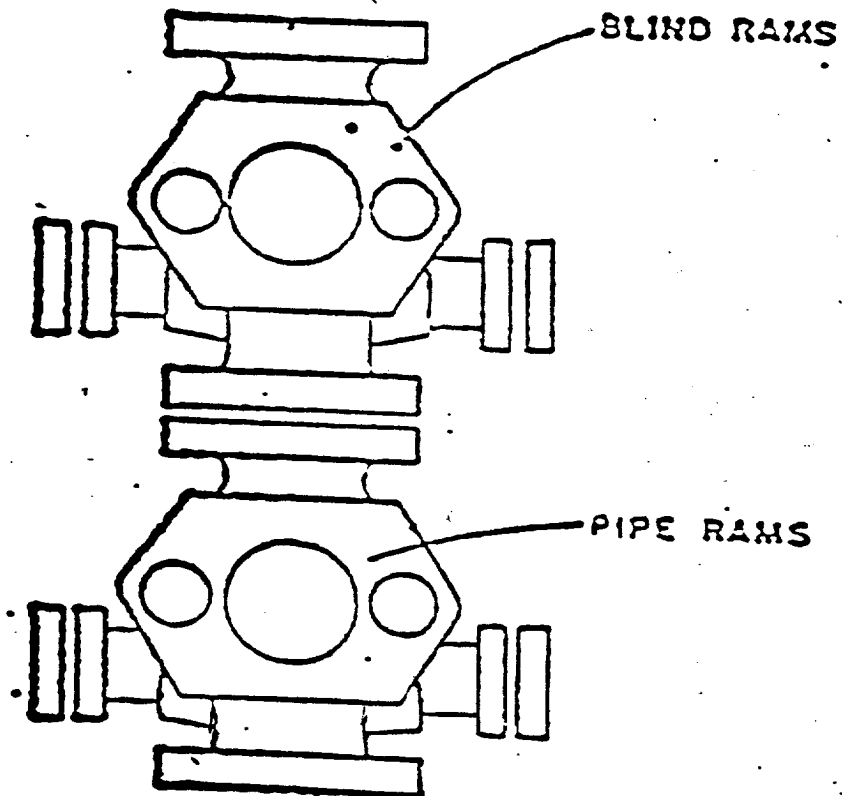
APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE MAR 14 1978

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "M"

Well No. 13

Location 660' FNL & 660' FWL
Sec 11-18S-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.