

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 065478b

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		7. UNIT AGREEMENT NAME Empire Abo Pressure Maintenance Project
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company		8. FARM OR LEASE NAME Empire Abo Unit "N"
3. ADDRESS OF OPERATOR Box 1710, Hobbs, New Mexico 88240		9. WELL NO. 11
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650' FNL & 2310' FEL (Unit letter G)		10. FIELD AND POOL, OR WILDCAT Empire Abo
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 10-18S-27E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3471' GR		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

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Repair Annular water flow

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*

(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.)

no water flow. Cement to surface.

TD 6172', PBD 5958'. Present perms 5925-44'.

Propose to repair waterflow behind 5½" csg in the following manner:

1. Rig up, kill well, install BOP, POH w/compl assy.
2. Run CBL/CCL from top of cmt to surf.
3. RIH w/RBP, set BP @ 100' ^{below} above proposed squeeze holes. Spot 2 sx sd on top of BP.
4. Perforate squeeze holes from logs w/2 JSPF - 2'.
5. RIH w/pkr, set above perms, establish circ behind 5½" csg.
6. RIH w/cmt retr, set retr @ approx 50' above perms.
7. Squeeze cmt perms w/approx 250 sx Cl C cmt cont'g 2% CaCl. WOC.
8. Drill out retr. Pressure test csg & perms to 1000# for 30 mins.
9. Wash sd off BP & retrieve BP.
10. RIH w/compl assy & return to production.

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

SIGNED

Adrian Lee

TITLE Dist. Dir. Supt.

DATE 7/25/79

(This space for Federal or State office use)

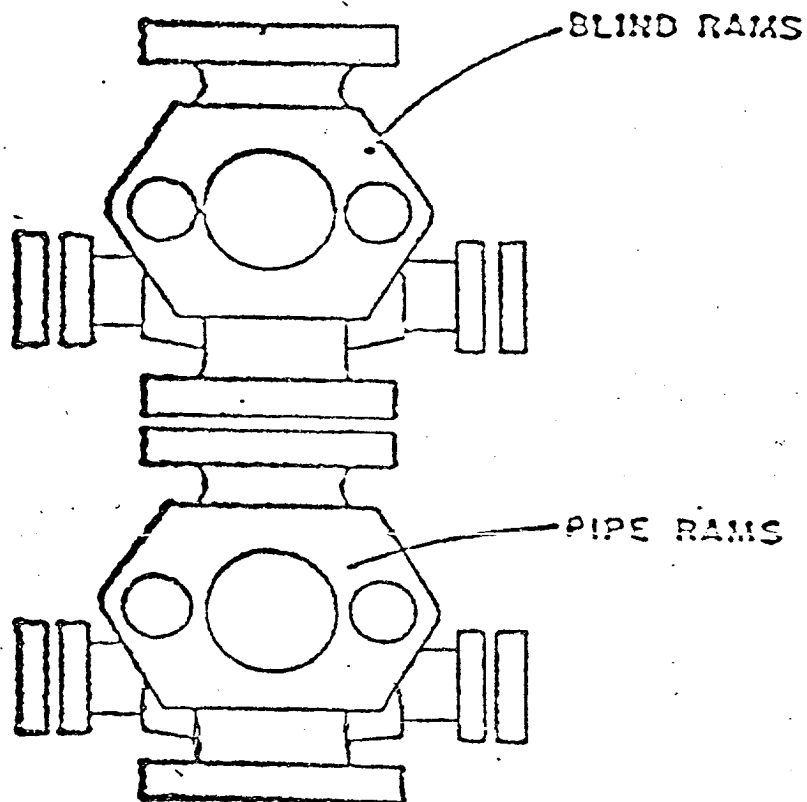
APPROVED BY

George H. Hines

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "N"

Well No. 11

Location 1650' FNL & 2310' FEL
Sec 10-18S-27E, Eddy County

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