

NMOCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRI DATE*
(Other instructions on re-
verse side)Copy to S.7.
Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-062418 NM-0557371

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Empire Abo Pressure Maintenance Project	
2. NAME OF OPERATOR Atlantic Richfield Company		8. FARM OR LEASE NAME Empire Abo Unit "J"	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		9. WELL NO. 20	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL & 660' FEL (Unit Letter H)		10. FIELD AND POOL, OR WILDCAT Empire Abo	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-18S-27E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3666' RDB		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 Gas Channel

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 pertinent to this work.)*

TD 6218', PBD 6187'. Present perms 6104-30' & 6146-58'.

Propose to squeeze gas channel in the following manner.

1. Rig up, kill well, install BOP & POH w/completion assy.
2. RIH w/pkr & set pkr @ 5900'. Pump gelled 2% KCL wtr cont'g 10#/gal limestone into formation 6104-6158'. Rev out & POH w/pkr.
3. Perf 4 - 1/2" squeeze holes 6060-64'.
4. RIH w/RBP, set BP @ 6084', cap w/2 sx sd.
5. RIH w/pkr, set @ 5860'. Squeeze perms 6060-64' w/200 sx LWL cmt followed by 50 sx Cl C cmt cont'g 2% CaCl.
6. Drill out cmt & test squeeze, retrieve BP.
7. Clean out to PBD.
8. RIH w/compl assy. Return to production. Acidize if necessary w/amt to be determined.

RECEIVED

FEB 6 1978

O. C. C.
ARTESIA, OFFICE

RECEIVED

FEB 2 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 1/30/78

(This space for Federal or State office use)

APPROVED BY

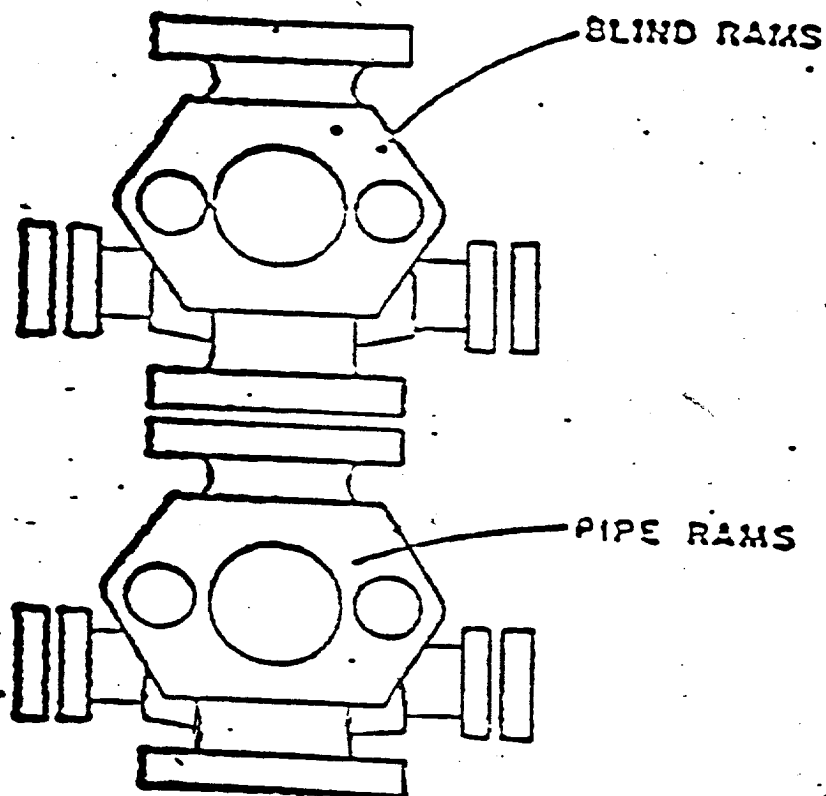
TITLE

DISTRICT ENGINEER

DATE

FEB 2 1978

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "J"

Well No. 20

Location 1980' FNL & 660' FEL
Sec 1-18S-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.

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FEB 1978

D. C. C. .
ARTERIA, OFFICE