

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 031186

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Empire Abo Unit "M"

8. FARM OR LEASE NAME

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

Sec 9-T18S-R27E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

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

Gas Injection Well

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

990' FNL & 2310' FWL (unit letter C)

14. PERMIT NO.

15. ELEVATIONS (Show whether on, at, or below ground surface)

3558' DF

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)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Convert to Gas Injection ☒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 perti-
nent to this work.) *

Commenced operations on 1/20/74. Ran FBRC & 2-3/8" EUE tbg & set FBRC @ 4105'. Pmpd into tbg-csg annulus @ 2 BPM @ 800#. Found hole in csg between 4043' & 4105'. POH w/2-3/8" tbg & FBRC. Ran RBP & FBRC on 2-3/8" tbg. Set RBP @ 4228'. PU & set FBRC @ 3918'. Mixed & pumped 150 sx Class C cmt w/1/2 of 1% CFR-2, 3# sd/sk, 3# Gilsonite/sk added. Displaced w/15 1/2 bbls wtr, 3500# max & final press. Rev out 5 sx cmt. POH w/2-3/8" tbg & FBRC. Tagged TOC @ 3920'. Drld cmt from 3920-4138'. Tested csg & squeeze job to 1000# for 30 mins OK. Retrieved RBP @ 4228'. Ran FBRC on 2-3/8" tbg & set FBRC @ 5226'. Stage #1 - mixed & pumped 150 sx Cl C cmt w/1/2 of 1% CFR-2, 3#/sk sd & 4# Gilsonite/sk added. MTP 1400#, SDP vacuum. Squeeze job #2. Set FBRC @ 5226' & squeezed w/150 sx Class C cmt w/1/2 of 1% CFR-2, 3# sd/sk & 4# Gilsonite/sk added. Max & final press 3500#. Rev out 25 sx. WOC. POH w/FBRC & tbg. WIH w/3-7/8" bit & 2-3/8" tbg. TOC @ 5223'. Drld cmt from 5223-5460'. New PBD 5460'. Tested squeezed perfs to 1500# for 30 mins, tested OK. Perfs 5365-5630' are squeezed. POH w/tbg & bit. Perf's w/1 JSPF from 5330-5420'. Ran FBRC on 2-3/8" EUE tbg & set @ 5229'. Trtd perfs 5330-5420' w/6000 gals 15% HCl-LSTNE acid & 135 ball sealers. MTP 3000#, Min 2000#, ATP 2600#, ISIP 800#, 5 min SIP 350#. POH w/FBRC & tbg. WIH w/pkr & collar locator, set pkr @ 5280'. Ran 175 jts 2-3/8" EUE tbg, 1 - 4', 1 - 6', 2 - 8' tbg subs & Model H seal nipple & set in pkr @ 5280'. All tbg subs, collars & pkr internally plastic coated & externally plastic coated below pkr. All tbg above pkr internally plastic coated. Loaded csg-tbg annulus w/TFW. Installed press gauge on csg-tbg annulus. Completed as gas injection well effective 6/15/74.

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

SIGNED

TITLE

Dist. Drlg. Supv.

DATE 7/9/74

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side