

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 ☒ Gas Injection Well **RECEIVED**2. NAME OF OPERATOR **ARCO Oil and Gas Company**  
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

Box 1710, Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FNL &amp; 660' FEL (Unit letter H)

14. PERMIT NO.

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

3564' GR

7. UNIT AGREEMENT NAME  
Empire Abo Pressure  
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "J"

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

3-18-27

12. COUNTY OR PARISH 13. STATE

Eddy

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)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Convert to HW GIW

(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.)\*

RU 6/11/79. Killed well, installed BOP, POH w/compl assy. Ran CBL, TOC indicated @ 4980'. RIH w/RBP, set BP @ 5600'. Perf'd 5½" csg w/2JSPF 4630-32'. Spotted 3 sx sd on top of RBP. Set RBP @ 120', filled hole w/water, repl wellhead w/HP well head. POH w/RBP, RIH w/RTTS pkr, set @ 4427'. Broke circ w/35 bbls prod wtr w/4 BPM @ 1500#. Squeeze cmt d perfs 4630-32' w/600 sx Hal-Lite cmt w/8# salt/sk & 200 sx Cl C cmt w/2% CaCl. Cmt did not circ. WOC. POH w/RTTS pkr. RIH w/bit, tagged TOC @ 4575'. Drld cmt to 4450'. Ran CBL 6058-500'. Perf'd 5½" OD csg 700-702' w/2 JSPF. RIH w/retr, set @ 665'. Squeeze cmt d perfs 700-702' w/130 sx Cl C cmt, circ 12 sx cmt to surf. WOC. Tagged cmt @ 660', drld cmt & retr to 667'. Cleaned out hole to RBP @ 5600'. POH w/RBP @ 5600'. RIH w/5½" Lok-set pkr internally plastic coated on 2-3/8" OD tbg PC internally. Set pkr @ 5605'. Circ tbg/csg annulus w/4% KCL wtr cont'g corrosion inhibitor. Acidized perfs 5650-70' w/5000 gals 60/40 15% HCL-LSTNE-FE acid/xylene. Swbd 0 BO, 20 BW. Commenced injecting gas @ 11:10 AM on 7/3/79 ARO 5 MMCFD, 2025#. Completed as gas injection well in Empire Abo Pressure Maintenance Project. Final Report

**RECEIVED**

JUL 10 1979

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE

7/5/79

(This space for Federal or State office use)

APPROVED **ALBERT R. STALL**  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

JUL 23 1979