

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR. CATE.
(Other instructions 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

7. UNIT AGREEMENT NAME
Empire Abo Pressure
Maintenance Project

8. FARM OR LEASE NAME

Empire Abo Unit "M"

9. WELL NO.

153

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.

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.)

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐2. NAME OF OPERATOR **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company

JUN 20 1979

3. ADDRESS OF OPERATOR

Box 1710, Hobbs, New Mexico 88240

O. C. C.

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

200' FNL & 1925' FEL (Unit letter B)

14. PERMIT NO.

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

3593' GR

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) Log, Run, 5 1/2" Csg, Cmt & complete

(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.) *

Finished drlg to 6252' TD @ 1:30 AM 5/19/79. Ran GR-DLL, CNL & Cyberlook. RIH w/5 1/2" OD 15.5# K-55 csg, set @ 6252'. DV tool set @ 4034'. Cmt 5 1/2" csg 1st stage w/250 sx BJ Lite cmt w/2% CaCl & 5# gilsonite/sk, 1/4# celloflake/sk followed by 250 sx Thik-set w/2% CaCl. PD @ 3:45 AM 5/21/79. Opened DV tool & circ 100 sx cmt to pit. Cmt 2nd stage thru DV tool w/1200 sx Thik-set cmt w/2% CaCl & 100 sx C1 C cmt w/2% CaCl & 6# salt/sk. No cmt returns to surf. WOC 72 hrs. Drld DV tool & press tested csg to 1500# 30 mins OK. Perf'd Abo 6124-6142' w/2 JSPF. RIH w/Model R dbl grip pkr on 2-3/8" OD tbg, set pkr @ 6017', tbg @ 6024'. Acidized perfs 6124-6142' w/150 gals 15% HCL-NELST acid, 1000 gals 10# CaCl wtr, 1000 gals gelled LC, 1500 gals 15% HCL-NELST acid, flushed w/25 BO. In 3 hrs swbd 23 BO & 17 BW. Well kicked off & flwd 57 BO & 8 BW on 3/4" ck, TP 25-50# in 6 hrs. On 24 hr potential test 6/9/79 flwd 429 BO, 1 BW & 831 MCFG, 140# FTP, 48/64" ck, GOR 1937:1. Final Report.

RECEIVED

JUN 18 1979

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

SLK for L.D. Cane

TITLE

Dist. Drlg. Supt.

DATE

6/14/79

(This space for Federal or State office use)

APPROVED BY ALBERT N. STALL
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 19 1979