

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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

JUN 20 1979

O. C. C.

ARTESIA, NEW MEXICO

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.

14

10. FIELD AND POOL, OR WILDCAT

Empire Abo

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

11-18S-27E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

14. PERMIT NO.

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

3573' 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

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Squeeze & Complete Lower in Abo X
(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.) *

Rigged up, killed well, inst BOP & POH w/compl assy. Ran CBL & Corr Bond log. RIH w/ cmt retr, set retr @ 5963'. Squeeze cmtd perfs 6014-30' w/100 sx Halad 9, followed by 50 sx C1 C, 2% CaCl. RO 22 sx cmt. RIH w/cmt retr, set retr @ 5050'. Squeezed hole in csg @ 5075' w/100 sx Halad-9 followed by 50 sx C1 C w/2% CaCl. WOC. Drld cmt retr @ 5050'. Drld cmt & retr @ 5963'. Ran bit to 6135'. Pressure tested csg to 1000# 30 mins OK. Perf'd Abo 6100-6110' w/2 JSPF. RIH w/pkr on 2-3/8" OD tbg, set pkr @ 6085'. Acidized perfs 6100-6110' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gal gelled CaCl wtr, 1000 gal gelled LC, 1500 gals 15% HCL-LSTNE-FE acid, flushed w/24 BLC. Swbd 10 hrs, rec 2 BO & 96 BW. Swbd 8 hrs, rec 70 BW, no oil. RIH w/cmt retr, set retr @ 6090', squeeze cmtd perfs 6100-6110' w/100 sx C1 C w/6% Halad=9 followed by 50 sx C1 C, 2% CaCl. RO 20 sx. Perf'd Abo 6070-6080' w/2 JSPF. RIH w/Model R pkr, set pkr @ 6059'. Acidized perfs 6070-6080' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gal gelled CaCl wtr, 1000 gal gelled LC, 1500 gal 15% HCL-LSTNE-FE acid. In 10 hrs swbd 37 BO & 71 BW. On 24 hr potential test 6/12/79 pmpd 102 BO, 0 BW & 143 MCFG, GOR 1402:1. Prod prior 20 BOPD, 0 BW & 21 MCFG. Final Report.

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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. CAVE

TITLE Dist. Drlg. Supt.

DATE 6/14/79

(This space for Federal or State office use)

APPROVED BY (C. Stall) ALBERT R. STALL
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 19 1979