

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 054908

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hudson

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Grayburg Jackson

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

18-17S-31E

12. COUNTY OR PARISH

Eddy

13. STATE

N. M.

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(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 ☒ Injection Well

MAR 2 1970

2. NAME OF OPERATOR

FRANKLIN, ASTON & FAIR, INC. ✓

3. ADDRESS OF OPERATOR

P. O. Box 1090, Roswell, New Mexico 88201

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

660' FNL & 660' FEL, Sec. 18, T. 17 S., R. 31 E.

RECEIVED

U. S. GEOLOGICAL SURVEY

14. PERMIT NO.

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

3740' 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) ☒ Temporary AbandonmentREPAIRING 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 pertinent to this work.)*

In response to Sinclair Oil Company's request for a back up to the Grayburg Jackson water flood and their lack of interest in unitizing Franklin, Aston & Fair, Inc. acreage, Franklin, Aston & Fair, Inc. drilled and completed the Hudson No. 5 as an injection well and converted the Hudson No. 1 to an injection well. Water injection commenced August 11, 1967. The Hudson No. 1 injecting in the open hole interval 2802' - 3499' TD, and the Hudson No. 5 through perforations in the Jackson pay 3402' - 3498'. After injecting water with little or no results for almost 20 months, we ran injection profiles. The profile on the Hudson No. 5 showed the water was going into the Jackson pay 3402' - 3498'. The profile on the Hudson No. 1 showed all the water going into the formation as follows:

10% 2802' - 2820'
72% 2915' - 2950'
5% 3020' - 3100'
13% 3350' - 3400'

No water was going into the Jackson pay. As Sinclair was injecting in open hole in all their injection wells, we stopped injecting into the Hudson No. 1 well and requested that they run injection profiles to find where their water was going. It is our understanding that Atlantic Richfield since acquiring Sinclair Oil Company has started on this program. It is our intention to cooperate with Atlantic and run 4 1/2" casing in the Hudson No. 1 and inject into the Jackson pay. Water is still being injected into the Hudson No. 5 well.

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

SIGNED

Grant M. Smith

TITLE Geologist

DATE 2-26-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD PURPOSES
FEB 27 1970
Date
ACTING District Engineer

*See Instructions on Reverse Side