

N. M. O. C. C. COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPL  
(Other instructions  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-928342(d)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

ARCO FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Square Lake Gbg-SA

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

Section 9-17S-30E

12. COUNTY OR PARISH

13. STATE

Eddy

N. M.

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Armer Oil Company

3. ADDRESS OF OPERATOR

2110 Continental National Bank Bldg., Fort Worth, Texas 76102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.  
At surface

1980' FNL and 660' FEL Section 9-17S-30E

14. PERMIT NO.

NA

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

3706' RKB 3696' 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) Perforating Grayburg zones

(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.) \*

As per Form 9-331 filed on 11/7/73, this well was drilled to a total depth of 3505' RKB w/8-5/8" OD 20# surface csg. set @ 475' RKB and cemented w/100 sxs. Class C cement and 4-1/2" OD 9.5# production csg. set @ 3505' RKB and cemented w/350 sxs. Class H cement. It was further reported on the Form 9-331 of 11/7/73 that the Lovington Sand of the San Andres was completed for production w/a potential of 84 BO, 15 BW and 1260:1 GOR for the 24-hr. period of 11/7/73.

The Lovington Sand of the San Andres was tested until 11/17/73 when work was commenced to open zones in the Grayburg for commingled production w/the San Andres. Grayburg zones perforated and treated were as follows:

Metex	2696-2705' w/10 holes	Acidized w/500 gals. 15% acid and fractured w/36,000 gals. gelled KCL wtr. & 36,000# sand
Upper Premier	2788-94' w/7 holes	Acidized w/1,500 gals. 15% acid and fractured w/58,800 gals. gelled KCL wtr. and 56,000# sand.
Lower Premier	2890-95' w/6 holes	Acidized w/500 gals. 15% acid and fractured w/32,000 gals. gelled KCL wtr. and 32,000# sa.

These Grayburg zones, commingled with the Lovington zone of the San Andres, were potentialized for 93 BO, 20 BW and 1182:1 GOR for the 24-hr. period of 11/7/73.

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

SIGNED

TITLE

Production Manager

DATE

1/21/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

JAN 28 1974

CONDITIONS OF APPROVAL, IF ANY: