

N. M. O. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN TRIPLICATE
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-029342(d)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Square Lake Gbg-SA

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

9-T17S-R30E, NMPM

12. COUNTY OR PARISH

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

MAR 5 1975

O. C. C.
ARTESIA, OFFICE

RECEIVED

MAR - 4 1975

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

Armer Oil Company

3. ADDRESS OF OPERATOR

2110 Cont'l Nat'l Bk. Bldg., Ft. Worth, Tex. 76102

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

At surface

560' FNL and 1980' FWL Section 9-T17S-R30E

14. PERMIT NO.

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

3699' GR 3709' RKB

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*

Completion

(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 perti-
nent to this work.)*

Armer Oil Company's Arco Federal #5 was spudded on 12/11/74 with WEK Drilling Company, Roswell, New Mexico, rotary tools. A 11" surface hole was drilled to 513' RKB and 8-5/8" OD, 23# surface casing was set at 510' RKB and cemented with 100 sacks Class C cement on 12/11/74. Cement was allowed to set 16 hours before pressure testing surface casing to 600 psi.

A 7-7/8" bit was used to drill to total depth of 3075' RKB which depth was reached on 12/16/74. After logging well with Wellex GR-Sidewall Neutron log, 4-1/2" OD, 9.5# production casing was set at 3074' RKB and cemented with 500 sacks Class H cement with plug down at 1:45 AM 12/17/74. Estimated cement top 1350'.

On 12/21/74, Metex (Gbg) sand stringers were perforated from 2672-78' and 2682-92'; Upper Premier (Gbg) sand stringers from 2774-84' and 2807-14'; Lower Premier (Gbg) sand stringers from 2875-82' and 2886-91'; and Lovington (SA) sand from 3002-06' - all RKB and Sidewall Neutron Log measurements.

Over the period 12/22/74 thru 12/24/74, the Metex, Upper Premier, Lower Premier and Lovington intervals were each stimulated with 30,000 gals. gelled 2% KCl water, 24,000# 20-40 sand, and 6,000# 10-20 sand preceded by 500 gals. breakdown acid.

The well was equipped with rods and tubing (ready to produce) on 12/27/74. Well was placed on pump on 1/9/75 and was potentialized on 2/1/75 for 52 BOPD and 1 BWPD with estimated GOR 2596:1.

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

SIGNED

C. W. Starnes

TITLE Agent

DATE 2/26/75

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side