

N. M. O. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Copy to SF
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 Federal9. WELL NO.
610. FIELD AND POOL, OR WILDCAT
Square Lake Gbg-SA11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
9-17S-30E12. COUNTY OR PARISH
Roswell, New Mexico13. 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.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐2. NAME OF OPERATOR
Armer Oil Company3. ADDRESS OF OPERATOR
2110 Continental National Bank Bldg., Ft. Worth, Texas 761024. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal Office
See also space 17 below.)
At surface 330' FNL and 1980' FEL Section 9-T17S-R30E14. PERMIT NO.
--15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3713' GR 3723' 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 pertinent to this work.)*

Armer Oil Company's Arco Federal #6 was spudded on 1/4/75 with WEK Drilling Company, Inc., Roswell, New Mexico, rotary tools. 11" surface hole was drilled to 500' RKB and 8-5/8" OD 20# surface casing was set at 492' RKB and cemented with 100 sacks Class C cement on 1/5/75. Cement was allowed to set 11 hours before pressure testing surface casing to 600 psi.

A 7-7/8" bit was used to drill to total depth of 3100' RKB which depth was reached on 1/9/75. After logging well with Wellex GR-Sidewall Neutron Log, 4-1/2" OD, 10.5# and 11.6# production casing was set at 3099' RKB and cemented with 500 sacks Class H cement with plug down at 6:15 p.m. 1/10/75. Casing pressure tested to 1200 psi when landing plug. Temperature log cement top 1840' RKB.

Perforated on 1/17/75 from 2717-25' w/17 holes - Metex (Gbg); 2798-2810' w/25 holes and 2832-38' w/13 holes - Upper Premier (Gbg); 2902-10' w/17 holes - Lower Premier (Gbg); and 3032-36' w/5 holes and 3038-43' w/11 holes - Lovington Sand (SA) - all measurements from RKB and Sidewall Neutron Log.

Lovington Sand perfs. acidized w/500 gals. and fractured w/30,000 gals. gelled 2% KCl wtr., 24,000# 20-40 sd, and 6,000# 10-20 sd on 1/20/75. A similar treatment was applied to the Upper Premier perfs. on the same date.

On 1/22/75, Upper Premier perfs. were acidized w/500 gals. and fractured w/40,000 gals. gelled 2% KCl wtr., 34,000# 20-40 sd, and 5,500# 10-20 sd. On the same date, Metex perfs. were acidized w/500 gals. and fractured w/24,000# 20-40 sd and 3,000# 10-20 sd. (see below)

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

SIGNED C. W. StambufferTITLE AgentDATE 3/3/75

(This space for Federal or State office use)

APPROVED BY 1. B. Beckwith

CONDITIONS OF APPROVAL, IF ANY:

TITLE 1. B. BeckwithDATE 3/3/75

The well was equipped with rods and tubing (ready to produce) on 1/24/75. Well was placed on pump on 1/28/75 and was potentialized on 2/9/75 for 33 BOPD & 30 BWPD (frac) with estimated GOR 2273:1.

*See Instructions on Reverse Side