

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

5. LEASE DESIGNATION AND SERIAL NO.

IC-029342 (d)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Square Lake GBG-SA

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

9-T17S-R30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back a production reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Armer Oil Company

3. ADDRESS OF OPERATOR

2110 Continental National Bank Bldg., Fort Worth, TX 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 1980' FWL Section 9-T17S-R30E

14. PERMIT NO.

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

3693' GR 3703' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

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 #4 was spudded on 7-2-74 with WEK Drilling Company, Inc. rotary tools. A 11" surface hole was drilled to 502' RKB and 8-5/8" OD surface casing was set at 495' RKB and cemented with 100 sacks Class C cement on 7-3-74. Cement was allowed to set 12 hours before pressure testing surface casing to 600 psi.

A 7-7/8" bit was used to drill to a total depth of 3075' RKB which depth was reached on 7-7-74. After logging well, 4-1/2" OD production casing was set at 3075' RKB and cemented with 500 sacks Class H cement on 7-8-74. Estimated top of cement 1450' RKB.

On 7-13-74, Metex (GBG) sand was perforated from 2656'-72' RKB, Upper Premier (GBG) sand was perforated from 2758'-67' RKB, Lower Premier (GBG) sand from 2863'-78' RKB, and Lovington (SA) sand 2983'-88' and 2992'-96' RKB, all Sidewall Neutron Log Measurements.

Lovington perms were acidized w/500 gals 15% acid and fracture treated w/32,000 gals gelled 2% KCL wtr., 24,000# 20-40 sand, and 8,000# 10-20 sand on 7-15-74. Lower Premier perms were acidized w/500 gals 15% acid on 7-15-74 and fracture treated with 32,000 gals gelled 2% KCL wtr., 24,000# 20-40 sand, and 6,000# 10-20 sand on 7-16-74.

Upper Premier and Metex perms were each treated with the same treatment applied to the Lower Premier on 7-16-74.

Well was equipped with rods and tubing (Ready to Production) on 7-18-74. Well was placed on pump on 7-31-74 and potentialized on 8-3-74 for 50 BOPD w/no water and estimated GOR 3500:1.

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

SIGNED

C. W. Stumhoff

TITLE

Agent

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

8-7-74

AUG 16 1974

R. L. BEEKHUIS

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

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Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Instructions

847 - 485

3603, GB 3203, BMD

1080. EMT and 1080. EMT section 8-1112-330E

STTC COMPLEMENTARY HISTORY BOOK BTQR. FOR MORE IN AERO
POWER ON COMBUSTION