

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

30-013418

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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7. UNIT AGREEMENT NAME

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8. FARM OR LEASE NAME

Amoco-Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Tom Tom San Andres

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

Sec. 23, T-7-S, R-31-E

12. COUNTY OR PARISH 13. STATE

Chaves

New Mexico

## 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.)

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APR 18 1978

O. C. C.

ARTESIA OFFICE

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Flag-Redfern Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 23, Midland, Texas 79702

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

1980' FWL &amp; 1980' FSL

14. PERMIT NO.

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

4375' G.L.

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) Drld. & Completed well ☒REPAIRING 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.) \*

Spudded 12 $\frac{1}{4}$ " hole at 10 P.M. 2-3-78. Drilled to 423'. Set 11 jts. of 8-5/8" 24 lb/ft H-40 8RRD ST&C Casing at 423'. Cemented with 250 sxs of class "C" with 2% cacl and circulated 10 sxs to surface. Plug down at 9:30 A.M. 2-4-78. WOC 12 hrs. tested 8-5/8" casing and blowout preventers to 800 psig for 30 mins. Held okay. DRLD 7-7/8" hole to 4100'. Ran sidewall neutron porosity and dual laterolog logs. Set 4 $\frac{1}{2}$ " 9.50 lb/ft K-55 8RRD ST&C casing at 4100'. Cemented first stage with 250 sxs class "H" Pozmix "A" with 2% gel 0.75% CFR-2 and 8 lb/sx of salt. Plug down at 8:00 P.M. 2-25-78. WOC 6 hrs. Open stage cementing tool at 2010' and cemented second stage with 650 sxs of Halliburton light weight with 4 lb/sx of salt and 0.75% CFR-2. Circulated 5 sxs to surface. Tested 4 $\frac{1}{2}$ " casing to 3000 psig for 30 mins. Held okay. Ran Gamma-Ray correlation log. Perf casing from 3974' to 4034' with 18 holes. Acidized with 12,000 gal. of 20% HCL acid. Swab tested well. Ran 2-3/8" tubing to 3950'. Ran 2" X 1 $\frac{1}{2}$ " X 12' insert pump and 3/4" sucker rods. Installed pumping unit. Pumped well to potential. Test was 5 BOPD, 5 BWPD, 16 MCFD, oil gravity=23.6 deg. API, GOR=3200.

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APR 14 1978

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

*Steve Ross*

TITLE

Petroleum Engineer

DATE

4-12-78

(This space for Federal or State office use)

APPROVED BY

*Lee S. Lara*

TITLE

ACTING DISTRICT ENGINEER

DATE

APR 17 1978

CONDITIONS OF APPROVAL, IF ANY: