

N. M. O. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN
(Other instr
verse side)PLICATE
ns or reForm approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NM-064488-E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco Federal "3"

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Boyd (Morrow) Gas

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

Sec. 3, T-19-S, R-25-E

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 to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

David Fasken

3. ADDRESS OF OPERATOR

608 First National Bank Building, Midland, Texas 79701

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

At surface

Unit K 1980' FSL & 1699' FWL

14. PERMIT NO.

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

3513 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) Surface & Intermediate Casing X

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 and 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.)*

5-16-71 - Spudded well @ 6:00 p.m., 5-16-71.

5-17-71 - Drilled 17 $\frac{1}{2}$ " hole to 505' with spud mud and water, set and cemented 13-3/8" 48#/ft. casing at 505' with 400 sxs. Howco-Lite with $\frac{1}{4}$ " flocele and 5# gilsonite/sack and 2% CaCl (slurry wt. of 12.7#/gal.), and 100 sxs. Incor neat w/2% CaCl (slurry wt. of 14.9#/gal.), good mud returns, circulated 80 bbls. good cement; plug down at 6:40 a.m., 5-17-71.5-18-71 - Drilled 12 $\frac{1}{4}$ " hole to 1140' - lost circulation and dry drilled from 520' to 1140'. Cut 12 $\frac{1}{4}$ " hole from proposed 1300' to 1140' due to danger in additional "dry drilling" and the manner in which the formation was drilling.5-19-71 - Set and cemented 8-5/8", 24#/ft. casing at 1140' with 400 sxs. Howco-Lite w/ $\frac{1}{2}$ " flocele/sack and 2% CaCl (slurry wt. 12.7#/gal.) and 200 sxs. Incor neat w/2% CaCl (slurry wt. 14.9#/gal.), no mud or cement returns, plug down at 8:20 a.m., 5-19-71 - witnessed by Mr. Charles Saunderson, U.S.G.S.

5-20-71 - Ran temperature survey, cement top behind 8-5/8" csg. @ 750'. Rigged up Howco, pumped 95 B.W. down annulus between 13-3/8" & 8-5/8" csg. @ 150 psig, shut down press. of 125 psig, mixed and pumped 300 sxs. Incor neat cement @ 175 psig (slurry wt. 1st 100 sxs. 14.0#/gal., 2nd 100 sxs. 14.8#/gal., 3rd 100 sxs. 15.4#/gal.), shut down press. of 125 psig, annulus went on slight vacuum in 10 mins., in 20 mins. fair blow, and in 35 mins. annulus stabilized and at equilibrium. W.O.C. & nipples up B.O.P. stack. Tested 8-5/8" casing to 1600 psig, preparing to drill ahead with 7-7/8" bit.

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

SIGNED

TITLE

Agent

DATE May 21, 1971

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL IF ANY:

TITLE

RECEIVED

MAY 25 1971

O. C. C.
ARTESIA, OFFICE

*See Instructions on Reverse Side

ACCEPTED FOR RECORD PURPOSES
MAY 24 1971

Date

ACTING District Engineer