

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form BLM-1004-0135
Expires August 31, 1985

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/>		2. NAME OF OPERATOR Marathon Oil Company		3. ADDRESS OF OPERATOR P. O. Box 552, Midland, Texas 79702		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1600' FSL & 1355' FWL; Unit Letter K		5. LEASE DESIGNATION AND SERIAL NO. USA-SF-080382-A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NIIP		7. UNIT AGREEMENT NAME Kutz Canyon		8. FARM OR LEASE NAME Schwerdtfeger		9. WELL NO. 15-C		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T. 1N, R. 1E, M. 1N, BLK. 1N		12. COUNTY OR PARISH San Juan		13. STATE NM	
14. PERMIT NO. 30-045-27406		15. ELEVATIONS (Show whether DF, ST, GR, etc.) 6253.8' GR, 6265.8' KB																							

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)

RECEIVED
JUN 15 1990
OIL CON. DIV.
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SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Initial Completion

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 5

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.)

Marathon Oil Company initiated completion operations on the Schwerdtfeger #15-C on 8-28-89. The following is the completion procedure:

- 1) MIRU pulling unit & NU BOP.
- 2) RIH w/bit & DC on 2-7/8" workstring.
- 3) Drilled out DV tool @ 1712' & tested casing to 1000 psi.
- 4) Drilled out cement from 1935' - 1960'.
- 5) POOH w/2-7/8" WS and lay down DC.
- 6) RIH w/bit & casing scraper. Test casing to 1000 psi.
- 7) RU loggers. Ran GR-CBL-CCL from 1955' to 1700' w/no pressure. Ran log from 1955' to surface w/1000 psi. Good bond across zone of interest.
- 8) RU lubricator & test to 1000 psi. RIH w/3-3/8" casing gun and perforated 1900-1910' w/2 JSPF (20 holes total).
- 9) RIH w/packer, SN, and 2-7/8" tubing to 1906' and spotted 200 gal. 15% HCl. POOH to 1746' & set packer.
- 10) Attempt to pump down tubing & packer unset. POOH w/packer.
- 11) RIH w/Baker Lokset packer & set at 1746'. Pressure annulus to 1000 psi. Established rate w/2% KCl @ 8 BPM & 1650 psi. Pumped 1800 gal 15% HCl w/30 ball sealers. Flushed tubing w/2% KCl.
- 12) Release packer & RIH w/6 jts of tubing and knock off balls. Pull up and reset packer at 1746'.

(See Attachment I)

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

SIGNED m a feller

TITLE Production Superintendent

DATE 1-11-90

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JAN 27 1990

ACCEPTED FOR RECORD

DISCOT

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ATTACHMENT I

- 13) Pressured annulus to 1000 psi. Establish rate w/gelled 2% KCl water @ 15 BPM & 1150 psi. Pumped 5000 gal gelled 2% KCl water tagged w/RA material. Flushed to bottom perf w/2% KCl.
- 14) RU loggers & RIH w/GR and temperature logs. Make 3 passes and POOH.
- 15) 8-31-89 Shut down. Waiting on frac procedure.
- 16) 9-7-89 Move on well to frac.
- 17) Dropped SV and test tubing to 1000 psi. Retrieve SV. Pressure annulus to 1000 psi. Frac well w/20,217 gal gelled KCl water w/70 quality foam and 30,100# 20/40 sand @ 10 BPM and 1600 psi.
- 18) Flow well back to frac tank.
- 19) 9-20-89 Kill well w/2% KCl water. ND wellhead & NU BOP. Release packer & POOH w/2-7/8" tubing. RIH w/hydrostatic bailer & clean out to PBTD. POOH w/tubing & bailer laying down.
- 20) RU loggers. Run after-frac NGT from PBTD to 1700'.
- 21) RIH w/perforated sub, SN, 2 jts 1-1/2" tubing, TAC on 62 jts 1-1/2" tubing. Landed tubing at 1920' & TAC at 1863'.
- 22) RU swab. Well swabbed dry.
- 23) 9-28-89 RIH w/7 day bomb for pressure buildup.
- 24) 10-5-89 Pulled bombs. Well indicated to be severely damaged.
- 25) 10-23-89 POOH w/tubing & TAC.
- 26) RIH w/64 jts 1-1/2" tubing & SN. Landed tubing at 1916'.
- 27) RU acidizers. Acid w/2000 gal 7-1/2% HCl w/700 scf/bbl nitrogen at 3.4 BPM & 600 psi. Flush w/1000 gal 2% KCl w/700 scf/bbl N₂. Overflush w/25,000 scf N₂.
- 28) Flow well to frac tank.
- 29) RU swab. Swab back load to frac tank. Well kicked off flowing to tank.
- 30) 12-13-89 RIH w/7 day bomb for pressure buildup.

Page 2

- 31) 12-20-89 POOH w/pressure bombs.
- 32) Well shut-in. Waiting on pipeline connection. Estimated hook-up date 1-30-90.