

Form 3160-5  
November 1983)  
Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Form approved.  
Budget Bureau No. 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.)

RECEIVED

OCT 21 1985

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 3249, Englewood, CO 80155

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

990' FNL, 790' FEL

14. PERMIT NO.

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

6046' GL

5. LEASE DESIGNATION AND SERIAL NO.

SE-077107

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MichenerALS

9. WELL NO.

2A

10. FIELD AND POOL, OR WILDCAT

Kutz Pictured Cliffs

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

Sec. 31, T28N R9W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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) Run a production liner

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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.)\*

Tenneco requests permission to run a production liner according to the attached detailed procedure.

RECEIVED  
OCT 31 1985  
OIL CON. DIV.  
DIST. 3

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

SIGNED

TITLE Senior Regulatory Analyst

APPROVED  
DATE 10/17/85

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

OCT 23 1985

\*See Instructions on Reverse Side

NMOCC

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.

LEASE: MICHENER A LS

WELL NO. 2

CASING:

8-5/8" OD, 32 LB, CSG W/ 75 SX

TOO SURFACE. HOLE SIZE       , DATE 5-30-52

REMARKS: PRESSURE TESTED CSG TO 500# FOR 30 MINUTES.

5-1/2" OD, 15.5 LB, CSG W/ 150 SX

TOO 1400'. HOLE SIZE       , DATE 6-5-52

REMARKS: PRESSURE TESTED CSG TO 1000#.

TUBING:

1.00" OD, 1.7 LB,        GRADE,        RD,        CPLG

LANDED @ 2230'        SN, PACKER, ETC. NO

DETAILED PROCEDURE:

1. CHECK LOCATION FOR ANCHORS, INSTALL IF NECESSARY. LAY BLOW DN LINES TO PIT AND START BLOWING WELL DN.
2. MURUSU. KILL W/2% KCL UTR IF NECESSARY.
3. REMOVE WH AND INSTALL A LARKIN TYPE "K" 5-1/2" X 3-1/2" CSG HEAD.
4. NOBOP & POOH LAYING DN 1" TBG STRING.
5. RIG W/A 4-3/4" BIT ON 2-3/8" TBG. TAG FILL AND CLEAN OUT OPEN HOLE TO TD W/N2 *Four* POOH WITH 2-3/8" TBG & 4-3/4" BIT.
6. RIG W/3-1/2", 9.2#, J-55 NDS TBG WITH A SLOTTED RP SHOE AND OMEGA LATCH DOWN BAFFLE ON BOTTOM. RIG TO 2235' TD. (NOTE: MAKE UP TORQUE NOT TO EXCEED 1850 FT-LBS W/ RECOMMENDED TORQUE 1750 FT-LBS.)

107'

2142'

1" @

2230'

2235'

7. PUMP 5 BBL MUD FLUSH & CMT 3-1/2" IN PLACE W/ 70 SXS CLASS B W/79.4 #/SK HSHS, .13% DISPERSANT, .13% RETARDER & .4% EXTENDER @ 10.0 PPG. FLUSH LINES, DROP OMEGA LATCH DN BAFFLE AND DISPLACE W/ 1 BBL ACETIC ACID, FOLLOWED W/ KCL WTR. DO NOT OVERDISPLACE. BUMP PLUG TO 500 PSIG OVER FINAL DISPLACEMENT PRESSURE & SI. RUN A TEMPERATURE SURVEY AND RECORD TOO.
8. NDRUP CUT OFF THE 3-1/2" CSG STUB AND NU A LARKIN TYPE "R" 4-1/2"x1-1/4" TBG HEAD. NU THE BOP AND PT CSG TO 2500 PSIG.
9. RIH W/1-1/4" TBG AND TAG PBTD.
10. CIRCULATE HOLE CLEAN AND DISPLACE W/ 2% KCL WTR. POOH W/1-1/4" TBG.
11. MIRUWL. RUN GR-CDL-CHL LOG AND TELECOPY RESULTS TO DENVER FOR PERFORATION IDENTIFICATION.
12. PERFORATE THE PICTURED CLIFFS INTERVALS PER DENVER'S INSTRUCTION USING 2-1/8" HOLLOW CARRIER TBG GUNS W/2 JSPF, 0 DEGREE PHASING, MAGNETICALLY DECENTRALIZED.
13. BREAK DOWN THE PERFS & ESTABLISH AN INJ. RATE & PRESSURE USING 2% KCL WTR. SD & RECORD 1STP. ACIDIZE DN CSG W/20 GAL OF 15% WCHTD HCL PER PERFORATION AND 50% EXCESS 7/8" 4.4 S.G. RCN BALL SLRS. PUMP AT MAX RATE W/MAX STP 2500 PSIG.
14. ROUND TRIP JUNKBASKET ON WL. LOAD THE 5-1/2" X3-1/2" ANNULUS W/CORROSION INHIBITED WTR & PT TO 500 PSIG. BLEED OFF PRESSURE. OPEN THE VALVE AND MONITOR FOR COMMUNICATION DURING THE FRACTURE STIMULATION.
15. FOAM FRACTURE THE PICTURED CLIFFS FORMATION USING 70% QUALITY N2 FOAM AND 20#GEL/1000 GAL 2% KCL WTR AS FOLLOWS:  
RATE TO BE SPECIFIED W/ MAX STP 2500 PSIG.

DESIGN TO BE FURNISHED BY DENVER OFFICE BASED ON NET FEET OF P.C. FAY ENCOUNTERED. SEE ATTACHED DESIGN GRAPH FOR RATE AND VOLUMES.

16. SHUT IN FOR 2 HRS AND FTOU OVERNITE THROUGH A 1/2" TAPPED BULL PLUG.
17. RIH W/1-1/4" TBG OPEN-ENDED W/A SN 1 JT OFF BOT & TAG FILL. CO TO PBTD W/N2 *Foam*.
18. PUN W/TBG AND LAND AT +/- 2220'.
19. KILL WELL. NDRUPE AND NUWL.
20. KICK WELL AROUND W/ N2.
21. FTOU. RDMOSU.
22. TEST WELL.

*Frank G. Weiss III*

FRANK G. WEISS III  
SR. PRODUCTION ENGINEER - WRMO