

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
SF-078198

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Aztec Com 1

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Aztec PC

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

Sec. 2, T30N, R11W

12. COUNTY OR PARISH 13. STATE
San Juan NM

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
Tenneco Oil Company

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

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

835' FNL, 1570' FEL

APR 26 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO.

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

5820' 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 COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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 perti-
nent to this work.) *

Tenneco requests permission to run a liner and do a foam frac according to the attached
detailed procedure.

RECEIVED
APR 30 1985
OIL CON. DIV.
DIST. 3

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

SIGNED

John McKinnis

TITLE

Sr. Regulatory Analyst

DATE

April 23, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

APPROVED
APR 29 1985
<i>John McKinnis</i>
AREA MANAGER FARMINGTON RESOURCE AREA

4330

LEASE Aztec ComWELL NO. 1-18-5/8 "OD, 24 LB, J-55 CSG.W/ 75 SXTOC @ surface5-1/2 "OD, 14 LB, CSG.W/ 100 SX

TOC @ _____

DETAILED PROCEDURE:

1. MIRUSU. Blow dn csg and tbg, kill well w/ 2% KCl wtr if necessary.
2. Remove WH and install BOPE. POOH laying dn 1" syphon string.
3. Remove BOPE and install a Larkin type "K" 5-1/2" x 3-1/2" head. Install BOPE.
4. RIH w/ a 4-3/4" bit on 2 3/8" tbg. Tag fill and clean out open hole w/ N₂-foam. POOH w/ tbg and bit.
5. Run 3 1/2", 9.2#, J-55, NUE tbg with a slotted BP shoe and Omega latch down baffle on bottom. run in hole to 2480'.
6. Displace 3-1/2" tbg w/ wtr and cmt in place w/ 100 sxs of 65-35 cmt w/ 12.5% gel and 12.5#/sx gilsonite, tailed by 80 sxs of Cl "B" cmt w/ 4% gel, 2% CaCl₂ and 12.5# /sx gilsonite. Flush lines, drop Omega latch dn baffle and displace w/1 bbl acetic acid followed by KCl water. Do not overdisplace, check for flowback and SI. RDMOSU to WO cmt.
7. MIRUSU. Cut off 3-1/2" csg stub and install a Larkin Type "R" 4-1/2" x 1-1/4" well head. Install BOPE and PT csg to 3000 psig..
8. RIH w/ 1-1/4" tbg and tag PBTD.
9. Circulate hole clean and displace w/ 2% KCl wtr. POOH w/1-1/4" tbg.
10. MIRUWL. Run GR-Neutron log and telecopy results to Denver for perforation identification.
11. Perforate the Pictured Cliffs intervals per Denver's instruction using 2-1/8" hollow carrier tbg guns w/4 JSPF 0° phasing, magnetically decentralized.
12. Break down the perfs w/ 2% KCl wtr. Shut down and record the ISIP. Acidize dn csg w/20 gal of 15% wgt'd HCl per perforation and 50% excess 1.1 - S.G. RCN Sealer Balls. Pump at max rate w/ max STP 3000 psig.
13. Round trip junkbasket on 1-1/4" tbg. Blow dry w/N₂, POOH.
14. Foam fracture the Pictured Cliffs formation using 70% quality N₂ foam and 20# gel in 1% KCl wtr. as follow:
Rate 35 BPM, 3000 psig Max STP

Volume	Prop. Conc.	Cum Prop.
15,000	PAD	0
7,000	.5	3,500
9,000	1	12,500
10,000	1.5	27,500
12,000	2	51,500

Job Totals: 53,000 gal 70% quality foam and 51500# 20/40 sd.

15. Shut In for 2 hrs and FTCU overnite.
16. RIH w/ 1 1/4" tbg open-ended and tag fill. CO to PBTD w/N₂ - foam.
17. PUH w/ tbg and land at ± 2420'.
18. Kill well, NDBOPE and NUWH.
19. Kick well around w/ N₂.
20. FTCU
21. Test well.

95.5'

2392'

1" e 2463'

2480'