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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.: NM-09717

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Tenneco Oil Company

8. FARM OR LEASE NAME: Florance

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

9. WELL NO.: 103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1190' FSL, 1190' FEL

RECEIVED
NOV 15 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Fruitland Undes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 6, T30N, R8W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5942' GR

12. COUNTY OR PARISH: San Juan

13. STATE: NM

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT	X	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)				(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.)*

Tenneco requests permission to add additional perfs and re-frac according to the attached detailed procedure.

RECEIVED
NOV 26 1984
OIL CON. DIV.
DIST. 3

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

SIGNED _____ TITLE Sr. Regulatory Analyst DATE 10/29/84

APPROVED
DEC 14 1984
M. MILLENBACH
AREA MANAGER

(This space for Federal or State office use)

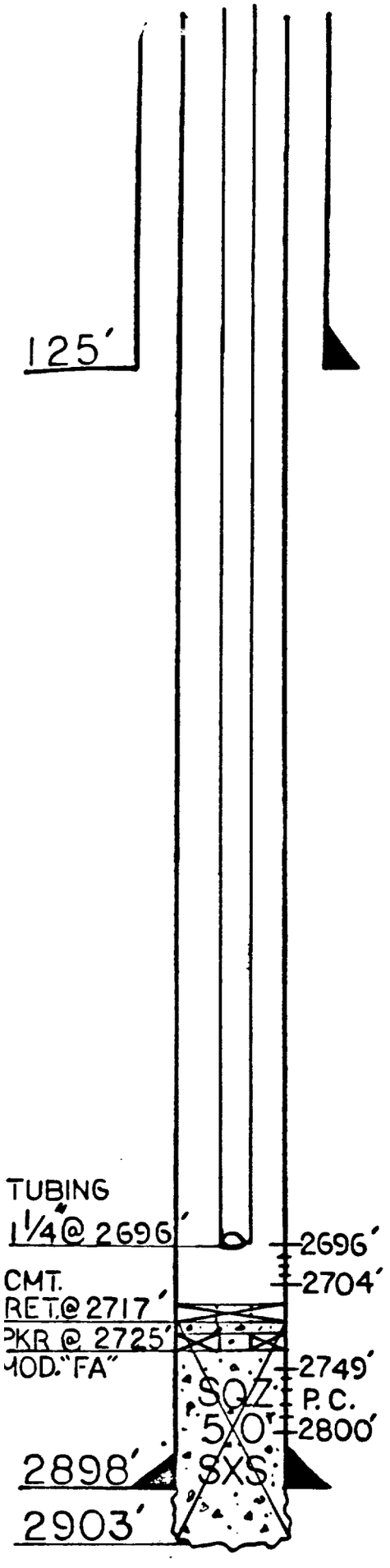
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*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 Florance

WELL NO. 103

8 5/8 "OD, 20 & 24 LB, LP/J-55 CSG.W/ 100 SX

TOC @ Surface

3 1/2 "OD, 7.7 LB, J-55 CSG.W/ 700 SX

TOC @ Surface

_____"OD, _____LB, _____CSG.W/_____SX

TOC @_____

DETAILED PROCEDURE:

1. MIRUSU. Blow well down, kill if necessary. Remove WH and install BOPE. RIH w/ tbg tag fill and CO W/N_2 foam if necessary, POOH.
2. RIH w/ a WL set 3 1/2" Mod "N" BP and set @ 2685'.
3. Dump 1 sx of sand dn csg and load hole w/ 1% KCl wtr.
4. PT csg and BP to 3000 psig.
5. RIH w/ tbg to 2654' and spot 500 gal of 7 1/2% DI HCl. POOH w/ tbg.
6. MIRUWL. Perforate the Fruitland coal w/ 2 1/8" hollow carrier Tubing guns w/ 120° phasing and 2 JSPF as follows:
   2563-70' (7')
   2576-85' (9')
   2639-54' (15')
   Total 31' - 62 holes
7. Acidize dn casing w/ 1,250 gal of 15% weighted HCl containing 93 1.1 S.G. RCN SlR balls. Pump at max rate attainable. Max STP 3000 psi. RIH.
8. FTCU and swab test for wtr and gas entry report results to Denver. POOH w/tbg.
9. Foam Frac the Upper Fruitland Coal using 70% Quality N_2 foam as follows:

MAX RATE 20 BPM MAX STP 3000 psig

Foam Vol. (Gal)	Prop Conc. (LB/GAL)	Cum Prop (LB)
15,000	PAD	0
4,000	.5 ppg	2,000
10,000	1.0 ppg	12,000
10,000	2.0 ppg	32,000
10,000	3.0 ppg	62,000

Job Totals: 49,000 gal 70% Quality Foam and 62,000# 20/40 Sand.

10. FTCU overnite
11. RIH w/ tbg and CO to BP set @ 2675' w/ N_2 Foam, POOH.
12. RIH w/ a Sandline Drill and DO BP set @ 2675'.
13. RIH w/ 1 1/4" tbg tag PBTD & CO if necessary. PUH and land tbg @ 2696'.
14. Kick well around w/N_2 and FTCU
15. Return well to production.