

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(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.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> 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. 27A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1455' FNL, 945' FWL		10. FENCE AND POOL, OR WILDCAT Blanco Mesaverde	
14. PERMIT NO.		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 26, T29N, R9W	
15. ELEVATIONS (Show whether SF, ST, CR, etc.) 5819' GL		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

RECEIVED

SEP 14 1984

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
FRACTURE TREAT	MULTIPLE COMPLETE
SHOOT OR ACIDIZE	ABANDON*
REPAIR WELL	CHANGE PLANS
(Other) Recompletion - Fruitland Coal	

WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREATMENT	ALTERING CASING
SHOOTING OR ACIDIZING	ABANDONMENT*
(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 dual the above referenced well by recompleting in the Fruitland coal formation according to the attached detailed procedure.

Need NMOCID approval to dually complete
prior to commencement of proposed operations

RECEIVED
SEP 20 1984
OIL CON. DIV.
DIST. 3

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

SIGNED [Signature] TITLE Sr. Regulatory Analyst

APPROVED
DATE 8/20/84

(This space for Federal or State office use)

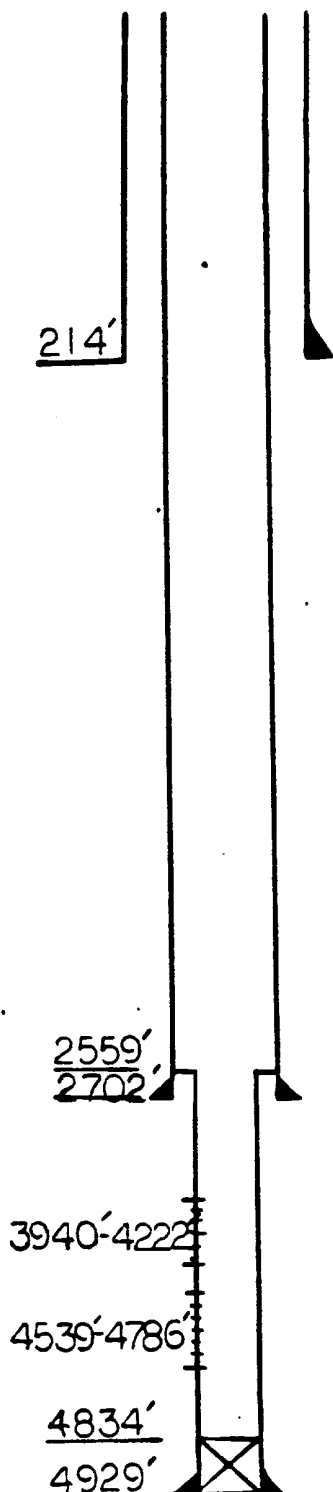
APPROVED BY _____ TITLE _____

SEP 18 1984
DATE [Signature]
M. MILLENBACH
AREA MANAGER

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

*See Instructions on Reverse Side



LEASE Florance

WELL NO. 27A

9-5/8 "OD, 36 LB, K-55 CSG.W/ 225 SX

TOC @ Surface

7 "OD, 23 LB, K-55 CSG.W/ 375 SX

TOC @ Surface

4-1/2 "OD, 10.5 LB, K-55 CSG.W/ 225 SX

TOC @ 2559'

DETAILED PROCEDURE:

1. MIRUSU. Kill Mesaverde w/ 1% KCl water. Remove WH and install BOP. RIH w/ tbg & tag PBTD.
2. CO w/ foam if necessary.
3. RIH on WL w/ a 7" Model "D" w/ EXP plug in place. Set pkr @ 2520' and dump 1 sx sand on pkr.
4. Load hole w/ 1% KCl water and PT csg and pkr to 3000 psi.
5. Run Gamma Ray-Neutron log from 2520' to 214'. (Telecopy results to Denver.)
6. Replace single WH w/a dual WH.
7. Perforate Lower Fruitland Coal as per Geological Engineering recommendation using 2 JSPF in 4" hollow carrier casing guns w/ premium charges.

Approximately 25' of coal is anticipated.

8. RIH w/ 7" pkr and SN on tbg and set pkr \pm 75' above top perforation. Load Annulus and PT pkr to 1500 psi.
9. Establish inj rate w/ 1% KCl water into perfs.
10. Acidize w/ 20 gals wgt'd 15% HCl per perforation containing 50% excess ball sealers. FTCU. Swab in if necessary and flow test. Release pkr. RIH past perfs & POOH w/pkr & tbg.
11. Foam frac Lower Fruitland Coal dn csg using 70% quality foamed 1% KCl wtr. Rate: 20 BPM w/max STP 3000 psig.

Treat as follows:

<u>Foam Vol</u>	<u>Prop Conc</u>	<u>Cum Prop</u>
12,000 gal	PAD	0
8,000 gal	.5	4,000
10,000 gal	1	14,000
10,000 gal	2	34,000
10,000 gal	3	64,000

JOB TOTALS: 50,000 gal 70% quality foam and 64,000 #20/40 sand.

12. SI for 2 hours. FTCU through a 1/2" tapped bull plug.
13. RIH w/tbg & clean out to PBTD w/N₂ foam. PUH w/tbg & land @ \pm btm perf.
14. FTCU & test lower Fruitland Coal. POCH
15. MIRUWL. RIH w/a 7" RBP & set between the upper and lower Fruitland Coal zones. Dump 1 sx sd on RBP. Load annulus w/1% KCl wtr & PT csg and RBP to 3000 psi.

LEASE FloranceWELL NO. 27A9-5/8 "OD, 36 LB, K-55 CSG.W/ 225 SXTOC @ Surface7 "OD, 23 LB, K-55 CSG.W/ 375 SXTOC @ surface.4-1/2 "OD, 10.5 LB, K-55 CSG.W/ 225 SXTOC @ 2559'DETAILED PROCEDURE (CONTINUED):

16. Perforate upper Fruitland Coal as per Geological Engineering recommendation using 2 JSPF in 4" hollow carrier casing guns w/ premium charges.

Approximately 25' of Coal is anticipated

17. RIH w/7" pkr and SN on tbg & set pkr \pm 75' above top perforation. Load annulus and PT pkr to 1500 psi.
18. Establish inj rate w/1% KCl water into perfs. Acidized w/20 gals wgtd 15% HCl per perforation containing 50% excess ball sealers. FTCU. Swab in if necessary and flow test. Release pkr. RIH past perfs & POOH w/pkr & tbg.
19. Foam frac upper Fruitland Coal dn csg using 70% quality foamed 1% KCL wtr. Rate: 20 BPM w/max STP 3000 psig.

Treat as follows:

Foam Vol	Prop Conc	Cum Prop
12,000 gal	PAD	0
8,000 gal	.5	4,000
10,000 gal	1	14,000
10,000 gal	2	34,000
10,000 gal	3	64,000
Job Total: 50,000 gal 70% quality foam and 64,000 # 20/40 sd.		

20. SI for 2 hrs. FTCU thru a 1/2" tapped bull plug.
21. RIH w/tbg & retrieving head. CO to RBP. PUH w/tbg & land tbg @ \pm btm perf.
22. FTCU & test upper Fruitland Coal.
23. RIH w/tbg & retrieving head to RBP. CO w/N₂ foam if necessary. Latch RBP and POOH.
24. RIH w/2-3/8" long string w/sealassy, blast jts, S/N & pump thru expendable check.
25. CO to Model "D" w/N₂ foam and knock out exp plug in pkr.
26. Land tbg @ \pm 4750'.
27. RIH w/short string of 2-3/8" tbg w/SN 4' perforated, orange peeled sub and pmp out plug.
28. Land short string @ \pm btm Fruitland Coal perf.
29. NDBOPE and NUWH.
30. Drop ball and pump out long string exp check. Return MV to prod. Swab if necessary.
31. Pump out short string plug, kick around w/N₂.
32. Flow Fruitland Coal to clean up. SI for AOF.

