

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. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> 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 860' FNL, 1510' FWL		7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Florance 9. WELL NO. 5A 10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde 11. SEC., T., R., N., OR S.W. & SURVEY OR AREA Sec. 22, T30N, R9W	
14. PERMIT NO.	15. ELEVATIONS (Show whether BP, RT, GR, etc.) 5970' GL BUREAU OF LAND MANAGEMENT BIRMINGHAM RESOURCE AREA	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	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDISE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other) Recompletion - Fruitland		(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 ~~area~~ formation according to the attached detailed procedure.

Need NMOC 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 *Scott M. Kunz* TITLE Sr. Regulatory Analyst DATE 8/30/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE SEP 18 1984

CONDITIONS OF APPROVAL, IF ANY: *Starlan S. Hines*

NMOCE

***See Instructions on Reverse Side**

LEASE FloranceWELL NO. 5A9-5/8 "OD, 36 LB, K-55 CSG.W/ 200 SXTOC @ surface7 "OD, 20 & 23 LB, K-55 CSG.W/ 500 SX

TOC @ _____

4-1/2 "OD, 11.6 LB, K-55 CSG.W/ 300 SXTOC @ 2880' TOL

218'

2880'
3098'

4340'-4533'

4619'-4845'

5025'-93'

5213'

5248'

DETAILED PROCEDURE:

1. MIRUSU. Kill Mesaverde w/ 1% KCl wat. Remove WH and instill BOP. RIH w/ tbg & tag PSTD.
2. CO w/ foam if necessary.
3. RIH on WL with a 7" Model "D" w/ EXP plug in place. Set pkr @ 2800' and dump 1 sx sand on pkr.
4. Load hole w/ 1% KCl water and PT csg and pkr to 3000 psi.
5. Replace single WH w/a dual WH.
6. MIRUWL. Run GR-CBL log fr 2800' to 2218' or TOC. Telecopy results to Denver.
7. Perforate Fruitland Coal using 2 JSPF in 4" Hollow Carrier casing guns w/premium charges. The following perfs should be correlated to Gearhart-Owen's density log dated 7-23-75.

2479-88' (9')	2595-99' (4')
2557-69' (12')	2638-44' (6')
2572-77' (5')	2685-88' (3')
Total: 39'-78 holes	
8. RIH w/ 7" pkr and SN on tbg and set pkr ± 2400'. Load annulus and PT pkr to 1500 psi.
9. Establish inj rate w/ 1% KCl water into perfs.
10. Acidize w/1580 gals wgt'd 15% HCl containing 117 - 1.1 SG RCN sealer balls. FTCU. Swab in if necessary and flow test. Release pkr. RIH past perfs & POOH w/pkr & tbg.
11. Foam frac 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
14,000 gal	2	42,000
18,000 gal	3	96,000

JOB TOTALS: 62,000 gal 70% quality foam and 96,000 #20/40 sand.

12. SI for 2 hours. FTCU through a 1/2" tapped bull plug.
13. RIH w/ 2-3/8" long string w/ seal assembly, blast jts, SN & pump through expendible check.
14. CO to Model "D" w/ foam and knock out exp plug in pkr.
15. Land tbg @ ±5068'

LEASE FloranceWELL NO. 5A9-5/8 "OD, 36 LB, K-55 CSG.W/ 200 SXTOC @ Surface7 "OD, 20-23 LB, N-80 CSG.W/ 500 SXTOC @ Good circ during job4-1/2 "OD, 11.6 LB, K-55 CSG.W/ 300 SXTOC @ 2880', TOL218'2880'
3098'4340'-4533'4619'-4845'5025'-93'5213'5248'DETAILED PROCEDURE (CONTINUED):

16. RIH w/ short string of 2-3/8" tbg w/ SN 4' perforated, orange peeled sub and pump out plug.
17. Land short string @ \pm bottom Fruitland Coal perf.
18. NDBOPE and NUWH.
19. Drop ball and pump out long string expendible check. Return MV to prod. Swab if necessary.
20. Pump out short string plug, kick around w/ N₂.
21. Flow Fruitland Coal to clean up. SI for AOF.