

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well well

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. See space 17 below.)
AT SURFACE: 815' FNL, 850' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
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☐

RECEIVED

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

MAR 26 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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 request permission to dual the above referenced well by re-completing in the Fruitland Coal Formation according to the attached detailed procedure.

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APR 02 1984

OIL CON. DIV.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Scott McKinney TITLE Sr. Prod. Analyst DATE 3/22/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

APPROVED
APR 26 1984
M. WILLENBACH
AREA MANAGER
McKinney

2661

LEASE MansfieldWELL NO. 1A

9-5/8 "OD, 36 LB, K-55 CSG.W/400 SX

TOC @ surface

7" "OD, 23 LB, K-55 CSG.W/450 SX

TOC @ surface

4-1/2 "OD, 11.6 LB, N-80 CSG.W/280 SX

TOC @ T.O.L.

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OIL CON. DIV.
DIST. 3DETAILED PROCEDURE:

1. MIRUSU. Kill Mesaverde w/1% KCl wtr. NDWH. NUBOP. *POOH.*
2. Check PBTD. ^A CO if necessary. POOH w/tbg.
3. Run GR/neutron log from surface ^{CS} to T.O.L. (telecopy results to Denver).
4. RIH w/7" Model "D" pkr w/expendable plug on W.L. set @ 2700' ± (exact depth determined from log).
5. P.T. csg & pkr to 3000 psi Dump 2 sx sand on top. *CHANGE OUT WELL HEAD.*
6. Perforate Fruitland Coal w/1 JSPF using 4" csg gun & premium jets in following intervals: 2410'-2418', 2384'-2392', 2348'-54', 2322'-2328', 2286'-2304' (46' total). Note: these intervals are based on offset logs, actual depths will depend on results of log run.
7. RIH w/tbg & 7" pkr & S.N. & @ 2250' ±.
8. Establish rate w/1% KCl wtr, then acidize perms w/1200 gal 15% HCl nitrified w/500 scf/bbl.
9. FTCU thru 1/2" tapped bull plug. Swab well if necessary. Test well.
10. POOH w/tbg & pkr.
11. Frac well down csg if necessary w/70% quality foamed N₂ w/30# gel. Pump @ 20 BPM w/max STP = 3000 psi as follows:
 - 15,000 gal PAD
 - 6,000 gal 1 ppg 20/40
 - 8,000 gal 2 ppg 20/40
 - 10,000 gal 3 ppg 20/40
 - 10,000 gal 4 ppg 20/40
 Total Volumes 49,000 gal foam & 92,000# sd
12. ^{SHUT-IN FOR 2 HRS. THEN} FTCU overnight thru 1/2" tapped bull plug.
13. RIH w/2-3/8" long string w/seal assy, blast jts, S.N. & pmp-thru expendable check. CO to model "D", knock out pkr plug, land tbg @ 5150' ±.
14. RIH w/2-3/8" short string w/S.N. & pump-out plug in orange-peeled perf'd sub. Land @ 2400'.
15. Drop ball & pump out long string plug. Return MV to prod. Swab if necessary.
16. Pump out short string plug, kick around w/N₂.
17. Flow Coal to clean up, then shut in for AOF.
18. Run rods & install pumping unit if coal is wet.

418

3176'

2410' TOC @ 5150' w/50'

-TOL. = 2779

4412

4991

4909

5178

PBTD = 5242

MESAVERTS PERFS

5288