

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 ☐
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
720 S. Colo. Blvd., Denver, CO 80222
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FSL & 1650' FEL, Unit J
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☒
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

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.)*

Dual complete in Mesa Verde & Pictured Cliffs formation via the following procedure:
1) Lay blooey line to pit.
2) Kill well w/30 bbls 1% KCL water (keep kill truck on location).
3) Remove Christmas tree & install BOP & stripping head.
4) Pull 2-3/8" tbg (150 jts) using kill truck as necessary.
5) Run Baker Model D pkr w/blanking plug in no go configuration in "F" seating nipple. Set just above Mesa Verde perfs @3900'. (lubricate in hole)
6) Fill csg w/1% KCL water & run GR/TDT/CMT bond logs.
7) Run squeeze cmt. ops. if necessary and drill out.
8) Test csg to 2500 psi. Locate leak & resqueeze if necessary
9) Modify wellhead as necessary to accept dual string.
10) Reinstall BOP & offset lubricator.

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

18. I hereby certify that the foregoing is true and correct
SIGNED Charles M. Hatten TITLE Admin. Supervisor DATE 3/27/74

(This space for Federal or State office use)

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

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Cont. from front page.

- 11) Run 2-3/8" tbg to bottom perf location (determined from logs) & spot 300 gals D.I. 15% HCL. Then POOH w/tbg.
- 12) Perforate cleanest 20' interval in Picture Cliffs formation w/4 SPF.
- 13) GIH w/2-3/8" tbg to 2400' and displace tbg w/70 gals 1% KCL water.
- 14) Continue in hole w/tbg & land in pkc. (Note: 1 blast joint should be in the top of this string adjacent to the csg valves.)
- 15) Install doughnut on 2-3/8" tbg & seat in wellhead.
- 16) Reverse offset lubricator to line up on opposite tbg slot.
- 17) Rig up to run 1-1/4" tbg & change out pipe rams.
- 18) Rig up frac equipment & prepare to frac dn csg using both csg valves.
- 19) Break dn & establish rate/press w/500 gals 15% HCL. Then establish rate/press w/foam pad.
- 20) Begin frac program. Frac dn csg w/25000 gals 70% quality foam & 30000# 10/20 sand @20 BPM. After wellhead pressure has fallen 250 psi below shut-in, slowly open well & recover water & broken nitrogen. Treatment water should be 1% KCL.
- 21) Kill well w/minimum amt of water & strip in 2400' 1-1/4" 2.4# J-55 I.J. +bgt w/pump out plug.
- 22) After 1-1/4" tbg is landed, install dual Christmas tree asmy & pump out 1-1/4" plug w/nitrogen & continue until well unloads.
- 23) Retrieve 2-3/8" blanking plug & return well to production.