

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(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.)

RECEIVED

JAN 29 1986

1. ☐ OIL WELL ☐ GAS WELL ☒ 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

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.
SF-078195

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sellers LS

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11. SEC., T., R., M., OR B.L. AND
SUBV. OF AREA
Sec. 30, T30N-R11W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, ST, GR, etc.)
6151' DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Sidetrack

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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 sidetrack according to the attached detailed procedure.

RECEIVED
FEB 06 1986
OIL CON. DIV./
DIST. 3

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

SIGNED

Shirley M. Selby

TITLE Senior Regulatory Analyst

DATE 1-21-86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

John R. Keller

*See Instructions on Reverse Side

NMOCC

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 after conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

LEASE Sellers LS

WELL NO. 1

CASING:

10 3/4 "OD, 40.5 LB, CSG.W/ 175 SX

TOC @ Surface. HOLE SIZE DT:

REMARKS

7 "OD, 20 & 23 LB, CSG.W/ 200 SX

TOC @ 3230'. HOLE SIZE DT:

REMARKS

5 1/2 "OD, 14 LB, CSG.W/none sx DT: SX

TOC @ . HOLE SIZE DATE

REMARKS full slotted liner

TUBING:

2 3/8 "OD, 4.7 LB, GRADE, 8 RD, EUE CPLG

LANDED @ 4948. SN, PACKER, ETC.

 "OD, LB, GRADE, RD, CPLG

LANDED @ . SN, PACKER, ETC.

PUMP RODS ANCHOR

DETAILED PROCEDURE:

1. Prepare location by blading and installing anchors if necessary. Install blowdown lines and blow well down.
2. MIRURT. Kill well w/ 1% KCL water.
3. NDWH. NUBOP.
4. POOH laying down tubing. If tbg is stuck do not pull over 40000# as tbg may be in very poor condition. RIH w/chemical cutter and attempt first cut at least 100' below the 7" csg shoe @ 4214 feet.
5. Set cement retainer @ $\pm$ 4000 ft. TIH w/stinger and 2-7/8" drill pipe. Load hole w/1% KCL wtr and PT BS to 1000 psi.
6. Squeeze openhole w/300 sx Class B w/1% CaCl. Sting out of retainer and reverse DP clean. TOOH w/DP and stinger.

253'

4013'
4214'

4930'

5313'

PROCEDURE - PAGE 2

LEASE NAME: Seller LS WELL NUMBER: 1

7. PU whipstock and RIH w/DP to $\pm$ 4000 ft. Set whipstock. POOH. RIH w/ mill to cut window.
8. Mill window in 7" csg. Blow hole clean and POOH.
9. RIH w/ 6-1/4" bit. Drill to TD @ 5350' w/ air or foam. POOH for logs.
10. RUWL and run GR-DIL and GR-CDL-Caliper over entire open hole. TIH to TD, blow hole clean, POOH laying down, and RU to run csg.
11. Run 4-1/2" 10.5# K-55 STC csg as a long string as follows: guide shoe, float collar one jt up with 3 centralizers.
12. Cement as follows: Precede cement w/ 10 BBLS mud flush. Cement 4-1/2" in place using sufficient volume of 50:50 pozmix + 1/4#/sx flocele to raise cement to $\pm$ 2500'.
13. Set slips w/ full csg. weight. NDBOP and cut off 4-1/2" csg. NU tubinghead.
14. Load BS w/corrosion inhibited water and PT to 1000 psi. RDMORT.
15. MIRUSU. NUBOPE.
16. PU 3-7/8" bit, 2-3/8" 4.7# J-55 EUE 8 rd tbg and tally in hole. Roll hole w/ 1% KCL water. PT csg to 3500 psi.
17. Spot a sufficient quantity of 7-1/2% DI HCL to cover the perforated interval + 200'. POOH.
18. RUWL. Run GR-CCL fr PBTD to 150' above the highest pay. Perf the Lower Mesaverde under lubricator from the top interval down using a 3-1/8" hollow carrier csg gun loaded 2 JSPF @ 120 degrees phasing.
19. Acidize down csg w/20 gal per perf of 15% wgtd HCL containing 600# NACL/1000 gal and 1.5 l.l SG RCN ball sealers per perforation. Displace at $\pm$ 35 BPM w/MSP less than 3500 psi.
20. RIH w/junk basket on WL to recover ball sealers.
21. RU and frac Lower Mesaverde w/slickwater containing 1% KCL, 15#/1000 gal friction reducer and 2500#/ft 20/40 sand @ 1 BPM/perf; fluid/sand design on following page. Flush to 10 BBLS shy of top perf and close blind rams ASAP.

PROCEDURE - PAGE 3

LEASE NAME: Seller LS WELL NUMBER: 1

22. RUWL and RIH w/Baker 4-1/2" RBP. Set approx. 50' above top perf. Dump 2 sx frac sand on RBP, load csg w/1% KCL water. PT RBP to 3500 psi.
23. TIH w/2-3/8" tbg to BOTTOM PERF and spot a sufficient quantity of 7-1/2% DI HCL to cover the top perf + 200'. POOH.
24. RUWL. Perforate the Upper Mesaverde under lubricator from the top interval down using a 3-1/8" hollow carrier csg gun loaded w/2 JSPF @ 120 degrees phasing.
25. Acidize down csg w/20 gal per perf of 15% wgt'd HCL containing 600# NaCl/1000 gal and 1.5 l. SG RCN ball sealers per perforation. Displace at 35 BPM. w/MSP less than 3500 psi.
26. RIH w/junk basket on wireline to recover ball sealers.
27. RU and frac Upper Mesaverde w/ slickwater containing 1% KCL, 15#/1000/friction reducer, and 2500#/ft 20/40 sand @ 1 BPM/perf; fluid/sand design below. Flush to 10 BBLS shy of top perf. Shut blind rams ASAP.
RIH w/RETRIEVING HUNG ON TUBING. CO TO RBP w/FOAM.
28. Retrieve RBP.
29. TIH w/2-3/8" production string w/pump out plug on bottom and SN 1 jt up.
30. CO to PBTD w/nitrogen foam. PU and set bottom of tbg within 20' of lowest perforation Land tbg and NUWH.
31. Kick well around w/nitrogen and FTCU.
32. RDMOSU.

Mesaverde Frac Design:

1. 2500# 20/40 sand per ft net pay.
2. 2 BPM per ft net pay.
3. Fluid to contain 1% KCL, 15#/1000 gal friction reducer.
4. Schedule
30% pad
1 csg volume @ 1/2 ppg 20/40 sand
1 csg volume @ 1 ppg 20/40 sand
1 csg volume @ 1-1/2 ppg 20/40 sand
Remains @ 2 ppg 20/40 sd