

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078097

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Heaton LS

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec.32, T31N, R11W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

1. OIL ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

BUREAU OF LAND MANAGEMENT
FARMINGTON RESERVE AREA

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

990' FSL, 990' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5797' GL

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)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

sidetrack completion

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.)*

1/9/86 MIRUSU, NDWH, NUBOP. GIH w/ 3-7/8" bit and 2-3/8" tbq. Tag btm at 4952', PT csg to 3500 psi. Roll hole w/ 1% KCL, spot 500 gal 7-1/2% HCL across Pt. Lookout perforations. TOH. RU BlueJet. Run GR-CL from PBTD (4958') to 3700'. Perf Pt. Lookout as follows: 4596-98', 4599-4635', 4638-41', 4648-60', 4663-65', 4670-75', 4688-92', 4696-702', (2 JSPF) 4768-72', (2 JSPF) 4785-92' & (2 JSPF) 4802-12'; 92'- 113 holes. All 1 SPF except where noted.

1/11/86 Pt. Lookout @ 800 psi. Est rate of 30 BPM @ 0 psi. ISIP = Vac. Acidized w/2300 gal 15% HCL. Frac Pt. Lookout w/ 2600 BBL 1% KCL and 84,000# 20/40 sand. 500 BBL into 2 PPG stage lost turbine on blender, lines and chicksans started shaking and began to leak. Went to flush, overdisplaced frac. Roundtrip junkbasket to make sure perfs clear, Re-frac PLO. Second time got 1930 BBL 1% KCL and 149,500# 20/40 sand away. ATR - 96 BPM ATP 3000 psi ISIP = 700 psi. (Totals 4350 BBL and 233,500# sand) Set RBP @ 4590'. Plug would not PT. Pumped 109 BBL and pressure got to 800 psi. TIH w/ tbq, tag @ 4590', sand still on top of plug.

1/13/86 C/O from 4580-4610', did not feel RBP @ 4590'. TIH to 4780', no plug. Plug apparently never set. Attempt to retrieve RBP, POOH no recovery. Set RBP @ 4585'. PT csg to 3500 psi, OK. Spot 300 gal 7-1/2% HCL across Menefee, POOH. Perf Menefee

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

SIGNED

TITLE Senior Regulatory Analyst

DATE 1-23-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FEB 13 1986

OIL OCL. DIV.

*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 site 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.

1/13/86 (Continued) w/3-1/8" gun 2 JSPF at: 4426-30', 4440-48', 4487-95', 4514-18', 4558-69'. Total 35'-70 holes. Acidize w/ 1400 gal 15% weighted HCL. Frac Menefee w/86,500 gals 20# gel and 79,800 20/40 sand. ATR - 61 BPM; ATP = 2100 psi. ISIP = 1100 psi 15 min = 800 psi. Set RBP @ 4230', PT csg to 3500 psi, OK. Spot 200 gal 7-1/2% DI HCL across Cliffhouse. Perf CH w/1 JSPF & 3-1/8" csg gun as follows: 4013-30', & 4034-56', 39' and 39 holes. Acidized w/ 1000 gal 15% HCL

1/14/86 PU 4-1/2" retrievematic pkr and S.N. Set pkr @ 3961. PT BS to 500 psi, OK. Swab dn Cliffhouse formation in 26 runs.

1/16/86 PT annulus to 500 psi. Est rate down tbg @ 2 BPM, 1000 psi. Squeeze Cliffhouse perfs from 4013-30' and 4034-56' w/100 sx Class"B" w/0.6% DGO (120 cf). Final squeeze psi = 3000 psi. Left approx. 3 bbl slurry in csg. SI w/1000 psi for 2 hrs. Release pressure, unset pkr, TOOH. TIH w/bit to 3400'. Pressure csg to 1000 psi. SI.

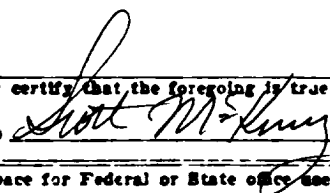
1/17/86 Tag cmt @ 3744'. Drill out 320' of hard cmt to 4064'. Circ. hole clean. Pressure test squeeze to 1000 psi for 15 min - OK. TOH. TIH w/ retrieving head. Tag fill @ 4207'. CO 23' cmt and sand to BP @ 4230'

1/18/86 Tag Sand @ 4565'. CO 20' sand w/foam to RBP @ 4585'. Circ hole clean. Latch on to BP. POOH w/ RBP. TIH w/retrieving head. Tag sand bridge @ 4600'. CO w/foam. TIH. Tag sand @ 4800'. CO 10' sand. Tag BP. Latch on. Circ hole clean. Circ hole clean w/nitrogen. LD 5 jts. Land tbg w/155 jts, 2-3/8" 4.7#/ft, J55, EUE - 8RD @ 4813.12' KB. NDBOP. NU tree. Blow around w/nitrogen. Left well flowing to pit.

1/20/86 RDMOSU.

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

SIGNED



TITLE Senior Regulatory Analyst

DATE 1-23-86

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TITLE

DATE

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*See Instructions on Reverse Side