Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse 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 15 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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: 790' FNL, 990' FEL

5. LEASE DESIGNATION AND SERIAL NO.: NM-012201

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Blanco LS

9. WELL NO.: 12

10. FIELD AND POOL, OR WILDCAT: Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 36, T28N R8W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5906' GL

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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) sidetrack & recomplete	☐			(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 permisssion to sidetrack and recomplete the referenced well according to the attached detailed procedure.

RECEIVED
JAN 17 1986
OIL CON. DIV.
DIST. 3

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

SIGNED Scott McKinney TITLE Senior Regulatory Analyst DATE 1/10/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

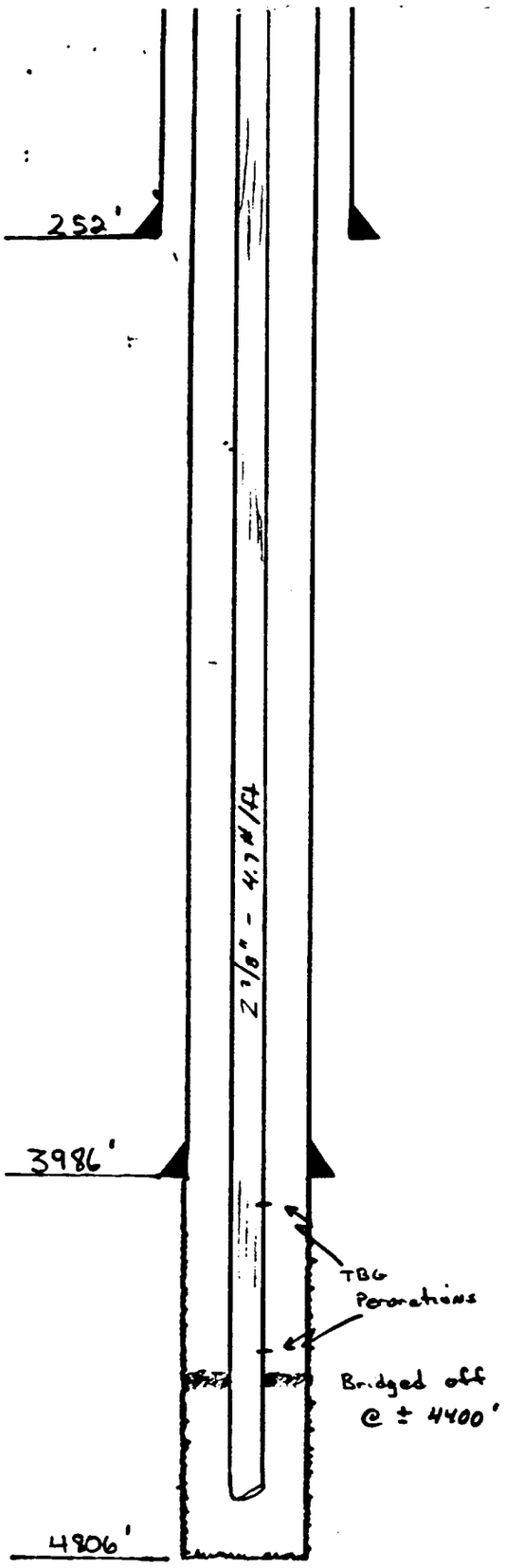
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
JAN 16 1986
/s/ M. MILLENBACH
AREA MANAGER

NMOCC

*See Instruction On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



5388/RJS/2
LEASE Blanco LS
WELL NO. 12

CASING:

9-5/8"OD, 25.4 LB, * CSG.W/ 125 SX
TOC @Surface HOLE SIZE _____ DATE: 4/12/53
REMARKS Circulate to surface

7 "OD, 23 LB, J55 CSG.W/ 300 SX
TOC @ 2200'. HOLE SIZE _____ DATE: 4/25/53
REMARKS _____

_____"OD, _____LB, _____CSG.W/ _____ DATE: ___SX
TOC @_____. HOLE SIZE_____DATE_____
REMARKS TOC by temp. survey

* Note: Spiral weld casing.

TUBING:

2 3/8 "OD, 4.7 LB, J-55 GRADE, 8 RD, EUECPLG
LANDED @ 4750 . SN, PACKER, ETC._____

_____"OD, _____LB, _____GRADE, _____RD, _____CPLG
LANDED @ _____. SN, PACKER, ETC._____

Note: Well bridged off in Menefee zone @ approx. 4400'. Tbg is perforated (one hole) @ 4046' and 4355'. Tbg is likely to be stuck.

DETAILED PROCEDURE:

1. Prepare location by blading and installing anchors, if necessary. Install blowdown lines and blow well down.
2. MIRURT. Kill tbg w/1% KCL water
3. NDWH. NU 6" 3000 psi BOPE.
4. POOH laying down tubing. Visually inspect tbg on trip out. Note: If tbg is stuck, do not pull over 40K# as tbg may be in very poor condition RIH w/jet cutter and attempt first shot at least 100' below the 7" csg shoe.

0723/

PROCEDURE – PAGE 2

5. Set Baker cement retainer at 3786' (approx. 200' above the 7" csg shoe.) PU stinger, crossover, 2–7/8" drill pipe and TIH. Fill hole and PT BS to 1000 psi.

6. Squeeze open hole w/300 sxs Class B w/1% $CaCl_2$ (sidetrack plug). Sting out and reverse O.P. clean. TOOH and LD stinger.

7. NDBOP and tbghd, NU 11' – 2M x 11"–2M casing spool and BOPE. PT stack, blind and pipe rams to 1000 psi.

8. TIH w/ 6–1/4" bit and drill collars. Unload hole w/nitrogen. Drill out cement retainer, and dress off open hole plug to 15' below the 7" csg shoe. Blow hole clean and TOOH.

9. RU to drill w/gas. PU knuckle joint kick–off assembly. TIH, Survey as needed, make kickoff and angle building run.

10. Open hole to 6–1/4". Drill to TD w/ air or foam. POOH for logs.

11. 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.

12. 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.

13. 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 ± 2500'.

14. Set slips w/full csg weight. NDBOP and cut off 4–1/2" csg. NU tubinghead.

15. Load BS w/corrosion inhibited water and PT to 1000 psi. RDMORT.

16. MIRUSU. NUBOPE.

17. 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.

18. Spot a sufficient quantity of 7–1/2% DI HCL to cover the perforated interval + 200'. POOH. LD bit and scraper.

19. 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.

20. Acidize down csg w/20 gal per perf of 15% wgtd HCL containing 600# NACL/1000 gal & 1.5 1.1 SG RCN ball sealers per perforation. Displace at maximum rate w/MSP less than 3500 psi.

0723/

PROCEDURE – PAGE 3

LEASE NAME: Blanco LS WELL NUMBER: 12

21. RIH w/ junk basket on WL to recover ball slrs.

22. RU & frac Lower Mesaverde w/slickwater containing 1% KCL, .5 gal /1000 gal friction reducer and 2500#/ft 20/40 sand @ 1 BPM /perf; fluid/sand design below. Flush to 10 BBLS shy of top perf and close blind rams ASAP if well is on vacuum. Otherwise, obtain ISIP, 5 & 15 minute SIP. Close Rams.

23. 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.

24. TIH w/2–3/8" tbg to bottom of next interval and spot a sufficient quantity of 7–1/2% DI HCL to cover the top perf + 200'. POOH.

25. 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.

26. Acidize down csg w/20 gal per perf of 15% wgtd HCL containing 600# NACL/1000 gal and 1.5 1.1 SG RCN ball sealers per perforation. Displace at max rate w/MSP less than 3500 psi.

27. RIH w/junk basket on wireline to recover ball sealers.

28. RU and frac Upper Mesaverde w/slickwater containing 1% KCL, .5 gal/1000 gal 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 if well is on vacuum. Otherwise, obtain ISIP, 5 and 15 minute SIP, and close rams.

29. RIH w/RETRIVING HEAD ON TBG. CO TO RBP W/FOAM. ARetrieve RBP.

30. TIH w/2–3/8" production string w/ SN 1 jt up.

31. 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.

33. RDMOSU.

Mesaverde Frac Design

1. 2500# 20/40 sand per ft. net pay.
2. 1 BPM per perforation.
3. Fluid to contain 1% KCL, .5 gals/1000 gal friction reducer.
4. Schedule
   2 csg volume @ 1/2 ppg 20/40 sand
   2 csg volume @ 1 ppg 20/40 sand
   2 csg volume @ 1–1/2 ppg 20/40 sand
   remains @ 2 ppg 20/40 sd