

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078096	
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 850' FSL, 1730' FEL		8. FARM OR LEASE NAME Neal COM	
14. PERMIT NO.		9. WELL NO. 2E	
15. ELEVATIONS (Show whether DT, ST, GR, etc.) 5920' GR		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T31N, R11W	
		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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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 and 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 dual the reference well by completing the Mesaverde zone according to the attached detailed procedure.

RECEIVED
SEP 26 1985
OIL CON. DIV.
DIST. 3

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

SIGNED

John McKinney

TITLE Senior Regulatory Analyst

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

DATE July 11, 1985

SEP 24 1985

DATE

For AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

NMOCC

4674/2

LEASE Neal Com

WELL NO. 2E

CASING:

9-5/8"OD, 36 LB, K-55 CSG.W/ 225 SX

TOC @ surf. HOLE SIZE 12-1/4" DATE 4-20-84

REMARKS

7 "OD, 23 LB, K-55 CSG.W/ 385/210 SX

TOC @ 800'. HOLE SIZE 8-3/4" DATE 4-29-84

REMARKS DV tool @ 1322'

10.5/

4-1/2"OD, 11.6 LB, K-55 CSG.W/ 255 SX

TOC @ 5038'. HOLE SIZE 6-1/4" DATE 5-3-84

REMARKS TOL @ 5038'

TUBING:

2-3/8 "OD, 4.7 LB, J-55 GRADE, 8 RD, EUE CPLG

LANDED @ 6,999'. SN, PACKER, ETC.

"OD, LB, GRADE, RD, CPLG

LANDED @ . SN, PACKER, ETC.

PUMP _____ RODS _____ ANCHOR _____

DETAILED PROCEDURE:

1. MIRUSU. Kill well w/2% KCl water. NDWH. NUBOP. RIH and tag PBTD. CO w/foam if necessary. Tally out of hole w/tbg.
2. Set Model D packer w/exp plug @ 5030' on W.L. Dump 2 sxs sand on pkr. Load hole w/1% KCl water. PT csg to 2500 psi. NDBOP and replace single tbg head w/dual tbg head. NUBOP.
3. RIH w/tbg and spot 700 gal 7-1/2% D.I. HCl @ 4930'. POOH w/tbg.
4. Run GR-CBL-CCl from 5030' to DV tool. Perforate Menefee-Pt. Lookout w/4" premium charge casing gun and 2 JSPF (1 JSPF WHERE NOTED);

4538'-40'	4660'-66'	4866'-71'	4906'-08'
4558'-68'	4816'-34'	4886'-92'	4928'-30'
4582'-90'	4839'-60'	4897'-4901'	

1 JSPF

Total: 84'-129 holes

Note: Depths referenced to Gearhart CDL/CNL/GR of 4-29-84.

307'

DV @ 1322'

5038'

5200'

Dakota:

6922'-28'
6944'-46'
7008'-22'
7035'-38'
7080'-86'
7109'-12'

7150'

7157'

PROCEDURE - PAGE 2LEASE NAME: Neal Com WELL NUMBER: 2 E

5. Establish rate w/1% KCl water. Shut down for ISIP. Acidize P.L.O. down casing w/3400 gal weighted 15% HCl and ~~194~~ - 1.1 S.G. ball slrs @ high rate to ball off perfs.

6. Roundtrip junk basket on W. L. to PBTD.

7. Frac P.L.O. w/slick water and 20/40 sand down casing as follows:

Rate: 100 BPM @ 2500 PSI max.
 56,000 gal PAD
 17,000 gal w/0.5 ppg sand
 17,000 gal w/1.0 ppg sand
 17,000 gal w/1.5 ppg sand
 79,000 gal w/2.0 ppg sand
 Total: 186,000 gal, 209,000 # sand
 Flush 10 bbls shy of perfs and close rams ASAP.

8. Set 7" RBP on W.L. @ 4460'. Dump 2 sxs sand on plug. PT csg to 2500 psi.

9. RIH w/tbg and spot 500 gal 7-1/2% D.I. HCl @ 4376'. POOH w/tbg.

10. Perforate Cliffhouse w/4" premium charged csg gun and 2 JSPF (1 JSPF WHERE NOTED):

	4111'-14'	4227'-32'	4330'-35'	4357'-59'	
<u>1 JSPF</u> →	4184'-4210'	4253'-57'	4341'-43'	4361'-67'	TOTAL: 98'
	4220'-22'	4282'-4320'	4348'	4372'-76'	(132 holes)

1 JSPF

Note depths referenced to Gearhart CDL/CNL/GR of 4-29-84.

11. Establish rate w/1% KCl water. Shut down for ISIP. Acidize Cliffhouse down csg w/4000 gal weighted 15% HCl and ~~198~~ - 1.1 S.G. ball sealers @ high rate to ball off perfs.

12. Roundtrip junk basket on W.L. to PBTD.

13. Frac Cliffhouse w/slick water and 20/40 sand down csg as follows:

Rate: 100 BPM @ 2500 psi max.
 62,000 gal PAD
 15,000 gal w/0.5 ppg sand
 15,000 gal w/1.0 ppg sand
 15,000 gal w/1.5 ppg sand
 100,000 gal w/2.0 ppg sand
 Total: 207,000 gal, 245,000# sand
 Flush 10 bbls shy of perfs and close rams ASAP.

LEASE NAME: Neal Com WELL NUMBER: 2 E

14. RIH w/retrieving head for RBP on 2-3/8" tbg. CO to PBTD w/foam. Retrieve RBP and POOH.
15. RIH w/2-3/8" tbg w/muleshoe on bottom and an F/N w/exp check 1 jt off btm. Position seal assy and blast jts to land the tubing @ \pm 7000' w/blast joints across from MV intervals. CO to Model D pkr w/foam. Knock out plug and land long string.
16. RIH w/2-3/8" short string w/S/N, pumpout plug and perf'd, orange peeled sub on btm. Land short string @ \pm 4930'.
17. NDBOP, NUWH. Pump out exp check from longstring. Swab in Dakota if necessary. Pump out plug in short string and kick around w/N₂. FTCU.
18. SI MV for AOF.