

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B11189	
7. Unit Agreement Name	
8. Farm or Lease Name	
State M	
9. Well No.	
1 E	
10. Field and Pool, or Wildcat	
Basin Dakota	
12. County	
San Juan	

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 -" (FORM C-101) FOR SUCH PROPOSALS.

1. Name of Operator		2. Name of Operator	
Tenneco Oil Company		State M	
3. Address of Operator		9. Well No.	
P. O. Box 3249, Englewood, CO 80155		1 E	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER K, 1780 FEET FROM THE South LINE AND 1540 FEET FROM		Basin Dakota	
THE West LINE, SECTION 16 TOWNSHIP 29N RANGE 8W NMPM.			
15. Elevation (Show whether DF, RT, GR, etc.)		12. County	
6546' GR		San Juan	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER Multiple Complete <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING CPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Tenneco requests permission to dual the reference well by completing the PC zone according to the attached detailed procedure.

RECEIVED
SEP 19 1985
OIL CON. DIV./
DIST. 3

PC 102 required

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Scott McHenry TITLE Senior Regulatory Analyst DATE July 11, 1985

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE SEP 19 1985

CONDITIONS OF APPROVAL, IF ANY:

4818/2

LEASE State M

WELL NO. 1E

CASING:

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

TOC @ surf. HOLE SIZE 12-1/4" DATE 10-22-83

REMARKS

7" OD, 23 LB, K-55 CSG. W/ 200/300 SX

TOC @ 1100' HOLE SIZE 8-3/4" DATE: 10-26-83

REMARKS DV @ 2379'

10.5/

4-1/2" OD, 11.6 LB, K-55 CSG. W/ 435 sx DATE SX

TOC @ . HOLE SIZE 6-1/4" DATE 10-30-78

REMARKS TOL @ 3633'

TUBING:

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

LANDED @ 7560'. SN, PACKER, ETC.

"OD, LB, GRADE, RD, CPLG

LANDED @ . SN, PACKER, ETC.

DETAILED PROCEDURE:

1. MIRUSU. Kill well w/2% KCl wtr. NDWH, NUBOP. RIH & tag PBTB. CO w/foam if necessary. Tally out of hole w/tbg.
2. Set Model D pkr w/exp plug @ 3600' on W.L. Dump 2 sxs sd on pkr. Load hole w/2% KCl water. PT csg to 2500 psi. NDBOP and replace single tbg head w/dual tbg head. NUBOP.
Run GR-CBL-CCL FROM 3600' TO DV TOOL.
3. Run cased hole GR-CNL-CCL from 3600' to 1600'. Telecopy results to Denver.
4. Perforate the PC as per G.E. recommendation w/4" premium charge csg gun and 2 JSPF.
5. RIH w/7" fullbore pkr., SN and 2-3/8" tbg Set pkr \pm 150' above perfs. PT casing to 500 psi. Break down perfs w/2% KCl wtr. Acidize PC dn tbg w/40 gal per perf'd foot weighted 15% HCl and 50% excess ball sealers. Release pkr and RIH past perfs. Blow hole dry w/N₂. POOH w/tbg, SN & pkr.

311'

DV @ 2379'

3633'

3770'

Dakota:
7450'-74'
7483'-89'
7590'-96'
7620'-23'
7654'-66'
7674'-82'

7560'

7715'

7720'

PROCEDURE - PAGE 2LEASE NAME: State M WELL NUMBER: 1 E

6. Frac PC dn csg w/70 quality foamed 2% KCl water and 20/40 sd @ 2500 psi max. Use attached design graph to calculate volumes. Call Denver to confirm design. SI for 2 hrs and flow back to pit thru 1/2" tapped bull plug.
7. Kill well w/2% KCl water. RIH w/2-3/8" tbg w/muleshoe on btm and F/N w/exp check valve 1 jt off btm. Position seal assembly and blast joints to land the tbg @ \pm 7550' with blast jts across from PC intervals. CO to Model D pkr w/foam. Knock out plug and land 2-3/8" long string.
8. RIH w/1-1/4" tbg W/SN, pump out plug and perforated, orange peeled sub on btm. Land short string @ \pm btm of PC perfs.
9. NDBOP, NUWH. Pump out check valve from long string. Swab in Dakota if necessary. Pump out plug in short string and kick around w/N₂. FTCU.
10. SI PC for AOF.