

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | 7. Unit Agreement Name Kemnitz Wolfcamp Unit |
| 2. Name of Operator Tenneco Oil Company | 8. Farm or Lease Name |
| 3. Address of Operator 7990 IH 10 West, San Antonio, Texas 78230 | 9. Well No. 10 |
| 4. Location of Well UNIT LETTER 0 660 FEET FROM THE south LINE AND 1980 FEET FROM THE East LINE, SECTION 20 TOWNSHIP 16S RANGE 34E NMPM. | 10. Field and Pool, or Wildcat Kemnitz Lower Wolfcamp |
| 15. Elevation (Show whether DF, RT, GR, etc.) 4132' DF | 12. County Lea |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER Return well to artificial lift <input checked="" 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.

- Casing leak from 7712-43', inj. rate indicate leak at $\frac{1}{4}$ bpm at 500 psi. Circ. clean. RBP at 10513', TOL at 9380'. Well has been SI 4 weeks. MIRU PU, RD wellhead, RU on 2 3/8" EUE 8RD tubing, RU BOP, POOH with 10470' tubing. RIH with 4 3/4 bit and 5 1/2" spring loaded casing scraper, POOH. RIH with 5 1/2 Arrow cement ret to 7420', attempt to pump through retainer failed, surged and pressure up to 4000 psi-no flow. Reversed circ OK with 35 bbls to surface. Tried to pump down tubing again-no flow. POOH with tubing, LD ret. PU new cement ret and RIH.
- Continue RIH with tubing and cement ret. Pump through ret. with 10 BW. Set retainer and sheared band with 20 pts at 7543'. Test tubing to 2500 psi-okay. Test 5 1/2" N80 in casing to 2000'-okay. Pull out and stung back into cement ret. Est. injection in casing leak at 7712-43', caught circ from 5 1/2" casing annulus after pumping 12 BFW at 1500 psi and 2 plm. Mix and pump 100 sx Class A with 1/2% Halid 9. Mix slurry heavy at 15.3 ppg, circ. 10 bbls. through casing leak. SI casing annulus. Pump 2 bbls till tubing pressure reached 1000 psi, SD 10 min. TP held at 950 psi. Pump 1 1/2 bbls till TP reached 1050, SD 5 min, held okay. Annulus pressure held at 500 psi. PU 10', rev circ tubing clean. POOH with tubing and stinger.
- WOC 27 hours. PU and RIH with 4 1/2" skirted insert bit, 8 DC at 800# each and 2 3/8", 8RD EUE N-80 4.7#/ft. tubing. Tagged 5 1/2" cement retainer at 7525'. Drilled out cement stringers to 7540'. Drilled out cement retainer in 2 1/2 hours with 6 jts. on bit cont. * (Cont'd on back) *

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

SIGNED Robert A. Mathew TITLE Prod. Engr. Supv. DATE February 22, 1984
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR
APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE MAR 1 1984
CONDITIONS OF APPROVAL, IF ANY:

3. (Cont'd)

drilling to 7585' circ. Bottoms up RD. Swibel and drained lines.

4. POOH with 10553' 2-3/8" 4.7 ppf N-80 8RD tubing. RU Armadillo, FL at 8770', run CCL. Made run to perf Lower Wolfcamp, 2-10' guns, 3-1/8" diameter at 2 jspf, 41 shots from 10670-10690. Made 2nd run with 2-6' guns, select fire, 2 jspf, 13 shots, 10350-54' and 10514-18'. Third run, 3-10' guns, 2 jspf, 61 shots 10600-630. Fourth run, 2-10' guns, 2 jspf, 1-10' gun, 21 shots 10640-50'. RDWL. PU 5 1/2" 17# Baker Model R double grip packer and 10100' 2 -3/8" tubing. Set packer with 8 pts compression. Load annulus with 2% KCL, test to 500 psi, okay. RU swab, swab 4 BO and 24 BW, strong gas flow, well was dead prior to perfs. RU pump truck to tubing, RU backside Pump, pump 2000 gal 15% HCL, 500 gal gelled brine with 400 lbs. diverting agent- 30% Benzoic Acid and 70% rock salt in 4 stages, system included 5 gal/1000 gal Western SR 2 1 1/2 gal/1000 friction reducer, 1 gal/1000 de-emulsifier and 40 lbs. citric acid. Pump 1st stage at 5.2 bpm, diversion pressure at 300 psi, pump 2nd stage at 8.3 bpm, diversion pressure at 1800 psi, 3rd stage 8 bpm 2600 psi, pump flush 9.2 bpm 3200 psi. ISIP O. Average pump pressure 1000 psi at 8 bpm. Wait 30 minutes. RU swab, swab 20 BO, 60 BW. Average oil cut on last run-20% strong gas blow. Fl constant at 8400'.
5. Put well on production.

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