STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: NM-249

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.)

7. Unit Agreement Name:

OIL WELL [ ] GAS WELL [X] OTHER-

Name of Operator: Tenneco Oil Company

8. Farm or Lease Name: State LF-20

Address of Operator: 7990 IH 10 West, San Antonio, TX 78230

9. Well No.: 1

Location of Well
UNIT LETTER M, 660 FEET FROM THE South LINE AND 860 FEET FROM THE West LINE, SECTION 20 TOWNSHIP 16S RANGE 34E NMPM.

10. Field and Pool, or Wildcat: so. Kemnitz-atoka/morrow

15. Elevation (Show whether DF, RT, GR, etc.): 4128.5 GL

12. County: Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER Add perforation/acidize. [X]		OTHER [ ]	

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.

1. MIRU workover rig.

2. RD Beam pump.

3. Unseat pump. POOH w/rods: 148 - 1", 125 - 7/8", 114 - 3/4". LD same.

4. NU 7 1/16" 5M hydraulic BOP. Blind rams on top and pipe rams on bottom (2 3/8). Have gate valves and manual choke on bottom outlet of BOP's.

5. Unseat tubing anchor (set w/20 pts). Drop standing valve. Test tubing to 5000 psi. POOH with 2 3/8" tubing (strap out) - total 412 joints (410 jts above anchor, 2 jts below, seat nipple on bottom jt). NOTE: Prior to POOH, RIH to 13,100' and try to establish circulation by reversing with 3% 9.0 ppg KCL (approx. 300 bbls). If circulation cannot be established, see squeeze procedure. If circulation can be established, spot 10% acetic acid from 12,800'-13,030' approx. 200 gallons.

6. TOOH. RU WL truck full lubricator. (Test lubricator to 1000 psi.) RIH with 4" casing gun, 4 SPF, 90° phasing, centralized. Perforate 13,014-26' (total shots=48). Correlate to CBL-GR-CL log dated 3/13/82. Monitor pressure and fluid level while perforating.

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

SIGNED [signature] TITLE Drilling Engineer DATE 8/25/86

APPROVED BY Orig. Signed by Fred Kantz Geologist TITLE [ ] DATE AUG 29 1986

CONDITIONS OF APPROVAL, IF ANY:

7. TOOH with WL. RD WL truck, lubricator. PU 5 1/2", 20# RTTS and 5 1/2", 20# retrievable bridge plug. RIH and set BP @ 13,050'. Make sure BP is below bottom perf.

8. POOH to 12,900'. Set RTTS @ 12,900'. Test backside to 1500 psi. RU pump truck. Put acetic acid away into perfs. Record ISIP.

9. Swab well down and try to kick off well. Establish rate.

10. Kill well with 3% KCL, 9.0 ppg fluid. Release RTTS. Circulate and condition hole with fluid. Make sure well is dead. RIH and release BP. POOH to 12,700' and set BP @ 12,700'. Test to 1000 psi. POOH to 12,480'. Spot 10% HCL Morrow type acid, clay stab from 12,586-12,480' (100 gals). FPOOH.

11. RU wireline truck and full lubricator. WIH with 4" casing gun and perforate from 12,582-86', 4 JSPF, 90° phasing, decentralized. Monitor fluid level and pressure while perforating. POOH with WL and RD WL truck.

12. PU 5 1/2", 20# RTTS. RIH and set same @ 12,450'. Test backside to 1500 psi.

13. RU pump truck. Put acid away in perfs. Establish injection rate and ISIP.

14. Open by-pass. Spot acid to top of RTTS. Close by-pass. Maintain 1000 psi on backside. Put acid away in perfs. Record ISIP (flush w/3% KCL).

15. Flow well back. Swab if necessary. Clean well up and establish rate.

16. After establishing rate, kill well with 9.0 ppg 3% KCL. Release packer. Circulate and condition hole. RIH to 12,700' and retrieve BP. POOH (fill hole while POOH).

17. PU 5 1/2", 20# Baker Loc-Set type packer or equivalent with left hand release on/off tool with 1.875" profile and following tailpipe: 1 jt. 2 3/8" tubing, flow coupling, profile sub (1.875), 1 jt. 2 3/8" tubing WL entry guide. TIH with 2 3/8" tubing to 12,450'.

18. Set wrap-around in tubing head. Set BPV in BO2 coupling. ND BOPE. NU tree. Set packer. Test backside to 1000 psi. Finish NU tree.

19. Swab well down and kick off. Clean well to pits. Test well as per testing procedures.

20. RU slickline and lubricator. RIH with blanking plug retrieving tool. Equalize pressure, pull plug from lower packer and put well on production.