

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised March 25, 1999

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
811 South First, Artesia NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.  
**30-025-23541**

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
**8055**

**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. Type of Well:  
Oil Well ☐ Gas Well ☐ Other **Injector**

2. Name of Operator  
**Mobil Producing TX. & N.M. Inc.**

3. Address of Operator **P.O. Box 4358**  
**Houston TX 77210-4358**

4. Well Location  
Unit Letter **L** : **1980** Feet From The **south** Line and **860** Feet From The **west** Line  
Section **14** Township **17S** Range **34E** NMPH **Lea** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**KB 4053**

7. Lease Name or Unit Agreement Name  
**North Vacuum Abo Unit**

8. Well No.  
**139**

9. Pool name or Wildcat  
**Vacuum;Abo, North**

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  
**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: **Repair casing leaks** ☒

12. 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. (For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion)

**Casing cement squeeze was completed as follows:**

**8-05-03 RU WSU, wait on BOP 1-1/2 Hrs. Unflange well head. NU & test BOP, OK. Rel On/Off tool. Flow well down to vac truck. Latch back on to On/Off tool. Rel pkr, OK. Circ well w/40 bbls brine down tbg to kill well. CWI & SDFN**

**8-06-03 Open well, no pressure. POOH w/260 jts 2-3/8" C.L. tbg & 4-1/2" Lok-set pkr. RIH w/4-1/2" RTBP & pkr & 68 jts. Set RTBP @ 2110' & pkr @ 2079'. CWI & SDFN**

**8-07-03 RU pump truck on tbg. Open well & pressure test plug to 1000#, OK. Rel pkr, POOH w/tbg & pkr. Wait on orders. Decide to shoot holes in 5-1/2" csg. Wait on WL truck. RU WL truck. Perf casing @ 1810', OK. RD WL truck. RIH w/5-1/2" Full Bore pkr & 51 jts, set pkr. Circ clean 8-5/8" csg. Unset pkr. POOH w/tbg & pkr. RIH w/CR & 51 jts & leave hanging. CWI & SDFN**

**SEE ATTACHMENT FOR ADDITIONAL REMARKS**

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

SIGNATURE *Tiffany Stebbins*

TITLE **Staff Office Assistant**

DATE **09/09/2003**

TYPE OR PRINT NAME **Tiffany A. Stebbins**

TELEPHONE NO. **(281) 654-1936**

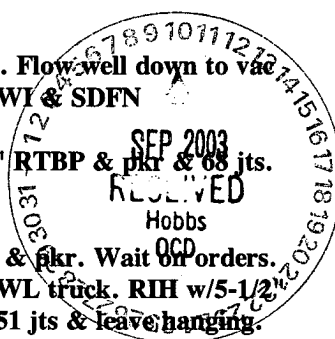
(This space for State Use)

APPROVED BY *Harry W. Wink*

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:



OC FIELD REPRESENTATIVE II/STAFF MANAGER **SEP 11 2003**

# ATTACHMENT

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### Additional Remarks

8-08-03 Open well & bleed down. Unset pkr. POOH w/tbg & pkr. RIH w/cmt retainer & 51 jts tbg. Break circulation. Set cmt retainer @ 1590'. Pressure test production csg, OK. Drill out cmt squeeze. Sting out of retainer. Reverse out. POOH w/tbg & stinger. RIH w/4-3/4" bit & drill collars & 11 stands tbg. CWI & SDFWE

8-11-03 Open well, no pressure. RIH w/11 stands tbg. Tag TOC @ 1580'. RU power swivel, found stiff arm pin bent. Wait on exchange power swivel for 4 hrs. RU exchange power swivel. PU tbg to next collar. CWI & SDFN

8-12-03 Open well, no pressure. Tag TOC @ 1580' & begin drilling. Drill out CIBP & 69' cmt to 1651'. Circ clean. PU 30' CWI & SDFN

8-13-03 Open well, no pressure. RIH & start drilling out cmt from 1651' to 1820', fall through. RIH to 1898', clear. Circ clean. Pressure up on csg to 80# PSI. Leave pressure on csg overnight. CWI & SDFN

8-14-03 Open well, check pressure. Pressure fell off 60# PSI overnight. Bleed press down. POOH w/tbg, DC, & bit. Wait on pkr. RIH w/5-1/2" Full Bore pkr & 63 jts tbg. Set pkr @ 1968'. Pressure test liner top. Test good. Release pkr, pull up to 1782', above squeeze. Took 8 bbls to pressure up to 1000# PSI. Leak off slowly. Bled off, unset pkr. POOH. RIH w/tbg open ended to 1839'. Spot cement plug @ 500'. Reverse out. POOH w/tbg. CWI. Pressure test to 1000# PSI. Leave pressure on well. SDFN

8-15-03 Open well, 100# PSI on well. Bleed well down. RIH w/4-3/4" bit, 6 3-1/2" DC & 46 jts tbg. RU power swivel. Tag cmt @ 1637'. Start drilling out to 1682'. Cmt too green. Circ clean. Pull up above cmt. CWI & SDFWE

8-18-03 Open well, no pressure. RIH & start drilling cmt from 1682' to 1867'. Circ clean. Pressure test csg to 800# psi, test good. RD power swivel. Bleed down csg & POOH w/tbg & LD drill collars. RIH Ret head & 68 jts tbg. Tag sand wash 10' of sand. Catch on RTBP, unset. POOH LD tbg. LD 68 jts tbg & RTBP. RIH w/16 stands for kill string. CWI & SDFN

8-19-03 Bleed well down to Vac truck. POOH & LD 32 jts of work string. RU tbg tester & tbg hand. RIH w/Inj pkr & tbg Hydrotesting (No Leaks). Set pkr & test good. Rel On/Of tool. CWI & SDFN

8-20-03 RU pump truck & Vac truck. Open well. Circ 140 bbls 10# brine pkr fluid OK. Latch onto pkr. ND BOP. Flange up well head. Pressure test BS, tested good. RD WSU. Clean location. MO WSU.

Passing MIT test witnessed by NMOCD representative. Original chart with NMOCD representative.

SEP 11 2003