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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

|                                                            |                              |
|------------------------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                                 |                              |
| State <input checked="" type="checkbox"/>                  | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br><b>B-1520</b>              |                              |
| 7. Unit Agreement Name<br><b>North Vacuum Abo Unit</b>     |                              |
| 8. Farm or Lease Name                                      |                              |
| 9. Well No.<br><b>143</b>                                  |                              |
| 10. Field and Pool, or Wildcat<br><b>Vacuum Abo, North</b> |                              |
| 12. County<br><b>Lea</b>                                   |                              |

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

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

Address of Operator  
**9 Greenway Plaza, Suite 2700, Houston, Texas 77046**

Location of Well  
UNIT LETTER **B**, **660** FEET FROM THE **North** LINE AND **1780** FEET FROM  
THE **East** LINE, SECTION **27** TOWNSHIP **17-S** RANGE **34-E** N.M.P.M.

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

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

|                                              |                                           |                                                     |                                               |
|----------------------------------------------|-------------------------------------------|-----------------------------------------------------|-----------------------------------------------|
| PERM REMEDIAL WORK <input type="checkbox"/>  | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input checked="" type="checkbox"/>   | ALTERING CASING <input type="checkbox"/>      |
| PERMANENTLY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPS. <input type="checkbox"/>     | PLUG AND ABANDONMENT <input type="checkbox"/> |
| OR ALTER CASING <input type="checkbox"/>     |                                           | CASING TEST AND CEMENT JOB <input type="checkbox"/> |                                               |
| OTHER <input type="checkbox"/>               |                                           | OTHER <input type="checkbox"/>                      |                                               |

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.

- 7-21-81 8745 TD. 8730 PBTD. Abo perfs 8605-8680. MIRU Clark Well Serv. Ut. unseat pump. Hot piled Rods w/30 B Lease Oil. POH. w/rods pump & GA inst BOP. Pulled 61 Jts 2-7/8" tbg, 218 jts 2-3/8" tbg. TAC & MA WIH W/5 1/2" Arrow Tension pkr, 64 jts 2-3/8" tbg. SDFN.
- 7-22-81 Set pkr @ 2207 HOWCO Load csg w/30 B Br wtr & tested 1000. Attempt to circ between 8-5/8" & 5 1/2" csg. Could not circ. Relased pkr POH. WIH w/Arrow Ret BP & pkr set BP @ 2210 press test BP 1000 held OK. Cap BPW/2 sx, sand. POH w/pkr zone perfs. Perf 5 1/2" csg w/2 holes @ 1675. Pump through perfs @ 3 BPM 300 psi sqz cmt w/200 sx Class "C" 2 of Chcl @ 3 BPM @ 1000 psi. Displace cmt to 1550. Closed csg in press up on 8-5/8" & 5 1/2" Annulus w/600 psi held OK.
- 7-23-81 After WOC 15 hrs 100 psi on csg head. Welex ran bond log 1438 to surf showed free csg perf 2 holes @ 1400'. HOWCO press up on perfs @ 1400' to 1000 psi. Attempt to pump down Annulus 8-5/8" & 5 1/2" 400 psi held OK. WIH w/5 1/2" Arrow pkr set @ 1375 press Annulus 1000 held OK. Pump 75 B fr wtr into perfs @ 1400'. 1/2 BPM @ 1000 psi. 1 BPM @ 2000 psi. Not getting circ between 8-5/8" & 5 1/2" csg.
- 7-24-81 Pump into perfs @ 1400. 1 BPM 2000 psi pump 250 gals 15% HCL acid through perfs. No bk down. Pull pkr & set @ 683, press csg 1000 cmt squeeze perfs @ 1400' w/200 sx Class "C" 2% Chcl @ 1 BPM @ 2000. Final shut in press 1000 psi. Displaced csg to 1300'. Job comp @ 12:30 PM 7/24/81. Witness-Approved - Planned by N Mex Commis. Tony Plattsmier. (Cont'd on back side)

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

**R.L. Hogan** TITLE **Authorized Agent** DATE **8-14-81**

Only Signed By **Jerry Sexton** TITLE **Supv.** DATE **8-16-81**

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17. Continued

- 7-25-81 WOC 14 hrs 8-5/8" x 5½" Annulus press 100 psi. Blew down to a bubble imed. WIH  
& w/4-3/4" Tooth type bit, 4-3½" Cols. 10 jts tbg.  
7-26-81
- 7-27-81 8745 TD. 8730 PBTD. Abo perfs 8605-8680. McCullough tag bot @ 1,225' perf 2 holes @ 800'. HOWCO press upon perfs 1000 psi held press. WIH w/5½" pkr set @ 785, unable to pump into squeeze holes, press 3000, 2 hrs McCullough perfs 2 holes @ 575'. WIH & set pkr @ 560'. Pumped into perfs 1/8 BPM @ 2000. 1 hr & bk dn to 5 BPM @ 700 psi. Circ out mud & salt crystals. Reset pkr @ 630', circ through perfs @ 800'. POH pump down csg & cmt squeeze perfs @ 575 w/220 sx Class "C" 2% chk. Displace cmt to 450' 2000 press. Circ 50 sx cmt. Job comp @ 7 PM 7/27/81. SDFN.
- 7-28-81 WOC 12 hrs. No press on 5½ & 8-5/8" csg. Released pkr. POH. WIH w/4-3/4" bit csg scpr 4-3½" Cols on 2-3/8" tbg to 506'.
- 7-29-81 11 hr SI press zeron on 5½ & 8-5/8 annl, drlg hard cmt 506-596, press test sqz hole @ 575, 500 psi, 5 min held OK, drlg cmt 783, circ clean.
- 7-30-81 Cont drlg cmt 783 to 836 & fell thru, press test sqz hole @ 800' w/500 psi - 5 min held OK. Ran bit tag cmt @ 1281 Drl to 1430. Press test sqz hole @ 1400' w/500 psi 5 min held OK. Ran bit tag cmt @ 1468. Drlg to 1593. Circ hole clean.
- 8-1-81 Put on pump.
- 8-6-81 FINAL REPORT: P 104 BNO + 3 BSW, 6-1½ x 120" SPM, no gas meas. Grav 37.6 @ 60.

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AUG 17 1981

CONSERVATION DIV