

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 ☒ Fee ☐
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name North Vac Abo Unit
9. Well No. 170
10. Field and Pool, or Wildcat North Vacuum-Abo
12. County Lea

SUNDY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PRODUCTION TO BE USED OR TO BE OPENED OR TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL OR TO RE-DRILL FOR OIL OR GAS PRODUCTION.

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator Mobil Producing TX. & N.M. Inc.
3. Address of Operator 9 Greenway Plaza, Suite 2700, Houston, TX 77046
4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>649 7 40</u> FEET FROM THE <u>West</u> LINE, SECTION <u>14</u> TOWNSHIP <u>17S</u> RANGE <u>34E</u> N.M.P.S.
15. Elevation (Show whether DF, RT, GR, etc.) 4037 GR

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	REMEDIAL WORK ☒ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOBS ☐ OTHER ☐
PLUG AND ABANDON ☐ CHANGE PLANS ☐	ALTERING CASING ☐ PLUG AND ABANDONMENT ☐

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.

8800 TD 8694 PBTB Abo perfs 8579-8634

12/18/79 - GIH OE to 8395, Dowell pumped 3 bbls gelled plug @ 8395. Pulled tbgs. to 8193. Rev ou 3 bbl plug. Spot 30 sxs C + 2% CaCl @ 8130. Pulled tbgs to 7818. POH 24 jts.

12/19/79 - Cmt. rose 40'. POH, GIH w/ pkr + 2 jts tail pipe on 122 jts tbgs set @ 3830, OE @ 3895 Howco press up on csg to 3000 held, spot acid over perfs. Acidize, sq holes 3920-24 w/ 500 gals 15% HCl, TTP 3000-1700 @ 2.5 BPM. POH, full 2" stream of wtr. GIH w/ Sw.ge, tagged @ 3919.

12/20/79 - POH w/ swage, WIH w/EZ Drill to 3396. PI tbgs. 2.5 BPM @ 2000, sq perfs 3920-24 w/300 sxs C + 2% CaCl, max press 4000, rev 12 sxs, POH GIH w/ bit to 2650.

12/27/79 - Drill cmt 3816-3898. Drld thru piece of steel @ 3898. Rec 3 gals drlg mud POH.

12/28/79 - Strip off BOP rep broken csg flange 3 hrs., WIH w/ 4-1/2 LIB on 2-3/8 to 3908 POH. Mc ran 1-11/16 Caliper 3888 to surf, good 3888-3900, 5" ID & over 3900-3906. WIH w/ 1-11/16 coll locator showed bad csg 3888-3908, still in csg. WIH w/ bit. Rec drlg mud form & cmt. drld thru tite spot 3919-24 slow torque. Wash 3929-50. Rec drlg mud. Circ clean. Mc ran csg, instl log 4060-3500, Split or parted 3902-07 hole 3917-20.

12/29/79 - WIH w/ pkr, spot acid over bad csg 3902-20. Set pkr @ 3870. Acidize w/ 500 gals. 15% HCl, TTP 3000 @ 2-1/4 BPM. Set pkr @ 3398. Sqz csg split & hole 3902-20 w/ 300x C + 2% CaCl, displ to 3800, press 4000.

(Over)

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

SIGNED <u>Robert Jay</u>	TITLE <u>Authorized Agent</u>	DATE <u>2/25/80</u>
APPROVED BY _____	TITLE _____	DATE _____

CONDITIONS OF APPROVAL, IF ANY:

17. (Cont'd)

- 1/2/80 - Circ clean & rec 1 bbl contaminated cmt, had sl torque @ 3998, GIH w/ pkr to 3870. Test csg, surf to 3870 w/ 3000/ok, press test csg below pkr to 3000 & leaked off. Ran pkr thru bad csg 3902-24 & set pkr @ 3936.
- 1/3/80 - DO cmt from 3941-3972 & fell thru. Ran bit to 4375 & circ clean. POH, GIH w/ 3959 to 7858 to 3500 psi/ok. Then test from 3932 to 3959 & comm btm hole between 3951 & 3959.
- 1/4/80 - Ran pkr to 3959 & spot acid over csg split 3902-3959. Reset pkr @ 3870 & pump away 500 gal. 15% NEA, PI 2-1/4 BPM @ 3000, pull pkr to 3400. Pump 100 bbl br wtr & then sqz cmt w/ 400x Class C + 2% CaCl₂ + 4000 gal Flo-check displ to 3630, max press 4000, job compl @ 4:30 PM 1/4/80.
- 1/7/80 - DO firm to soft cmt from 3741-3912 & rec Flo-check from 3912-23. Fell thru @ 3923 & hit press & push tbg up hole 5 ft. GIH w/ pkr to 3870 & set pkr. Press back-side to 2100/ok, press tbg & bad csg 3902-59 to 3500/ok.
- 1/8/80 - DO cmt 7796-7832, circ clean. GIH w/ 30' OPMA, tbg perfs, SN, 212 jts. 2-3/8 EUE 8rd tbg & 63 jts 2-7/8 EUE 8rd tbg, end of MA @ 8691, tbg perfs 8658-61, SN @ 8657, ran 2" x 1-1/2" x 24' pump + 192 - 3/4 + 87 - 7/8 + 66 - 1" rods, hung well on & test tbg to 300/ok, rel Permian WS @ 5 PM 1/16/80 & turn to Prod. Continued testing through 1/22/80
- 1/23/80 - DAS move in rig up PU 1/23/80. Pull & change pump. Put on production 1-23-80. Release PU. P 126 BNO + 8 BW/14 hrs.
- 1/24/80 - P 431 BNO + 5 BFW/2 days. NM OCC POT: P 222 BNO + 1 BFW/24 hrs, 8- 1-1/2 x 120" SPM, GOR 987/1, Grav 37.7 @ 60, Allow 222 BOPD, Lse WF (NP), TA 358, compl 1/17/80. Before WO: 125 BO + 0 BW.
- FINAL REPORT.

RECEIVED

FEB 29 1980

OIL CONSERVATION DIV.