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NEW MEXICO OIL CONSERVATION COMMISSION

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☐ Fee ☒ 5. State Oil & Gas Lease No.
1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER- 2. Name of Operator Mobil Producing TX. & N.M. Inc. 3. Address of Operator Nine Greenway Plaza, Suite 2700, Houston, TX 77046 4. Location of Well UNIT LETTER <u>N</u> <u>1300</u> FEET FROM THE <u>South</u> LINE AND <u>1750</u> FEET FROM THE <u>West</u> LINE, SECTION <u>3</u> TOWNSHIP <u>25S</u> RANGE <u>37E</u> N.M.P.M.	7. Unit Agreement Name Humphrey Queen Unit 8. Farm or Lease Name 9. Well No. 31 10. Field and Pool, or With <u>Langlie</u> 7 Rivers Queen-Mattix	
15. Elevation (Show whether DF, RT, GR, etc.) 3140 Ground	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 ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	Completion of Well ☒

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.

1-13-83 3640 TD, 3625 PBD, Penrose perfs 3550-3502. 14 hr SITP 150, S 2 BNO + 8 BLW/7 hrs LH sw 1 BF, SO 75% oil.

1-14-83 BJ SWF Penrose perfs 3550-3592 down 2-7/8 tbg w/12,500 gal Terra frac T + 20,000# 20/40 mesh sd + 10,000# 10/20 mesh sd, AIR 15.5 BPM, job compl @ 10 AM 1-13-83.

1-15-83 22 hr SITP 25, S 2 BNO + 64 BLW/7 hrs, S 8 bbls LH, SO 2% oil, no gas, rel pkr WIH, tag fill @ 3599, reset pkr @ 3440.

1/16-17/83 14 hr SITP 25, sw 3 BNO + 25 BLW/9-1/2 hrs, sw 3 bbls LH, SO 4% oil.

1-18-83 38 hr SITP 100, S 7 BNO + 20 BLW/10 hrs, LH sw 2 BF, SO 8% oil.

1-19-83 14 hr SITP 150, S 4 BNO + 5 BLW/4 hrs, FL 2600 to SN @ 3440, rel pkr & POH, GIH w/Baker 5-1/2 RBP & Model R pkr on 2-7/8 tbg & set RBP @ 3445.

1-20-83 Set pkr @ 3515 & attm to press test RBP @ 3545 & would not test, rel pkr & pkr would not go down, POH w/pkr, GIH w/ret head & new Baker 5-1/2 Model R pkr & latch on RBP @ 3545 & reset RBP @ 3541 & test to 1500 psi/ok, BJ spot 100 gal 15% NEA 3540-3430, POH w/pkr, DA perf 5-1/2 csg in Penrose form w/ 1 JSPF @ 3478-82; 3484-3514; 3520-26; 3530-36; 3538-3540, total 53 holes, GIH w/Baker 5-1/2 Model R pkr on 2-7/8 tbg & set @ 3410, BJ acidize Penrose perfs 3478-354 w/3900 gal 15% NEA + 75 RCNBS, no ball action, TIP 790-910, AIR 4.1 BPM, ISDTP 600, 5 min SITP 550, 10 min SITP 520, job compl @ 6 pm 1-19-83.

(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 J. N. Sexton TITLE Authorized Agent DATE 2-25-83

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT I SUPERVISOR DATE MAR 2 1983

CONDITIONS OF APPROVAL, IF ANY:

17. (Cont'd)

- 1-21-83 14 hr SITP vac, S 5 BNO + 72 BLW/10 hrs, LH sw 5 BF, SO 2% oil.
- 1-22-83 14 hr SITP 0, S 5 BNO + 33 BLW/9 hrs, S 3 BFLH, 5% oil.
- 1/23-24/83 14 hr SITP 25 psi, S 5 BNO + 15 BLW/6 hr, S 4 BFLH, 5% oil, no gas.
- 1-25-83 42 hr SITP 250, BJ press annl to 500 psi, BJ SWF Penrose perfs 3478-3540 down 2-7/8 tbg w/25,000 gal Terra Frac "T" + 40,000# 20/40 mesh sd + 20,000# 10/20 mesh sd, fl w/slick 2% KCl wtr, TTP 1480-1700, AIR 15 BPM, job compl @ 10 am 1-24-83.
- 1-26-83 22 hr SITP 0, Sw tr of oil + 87 BLW/8 hrs, LH sw 9 BF, SO 1% oil, NSG, FL rel pkr & ran down hole & tag sd @ 3530 & wash down to RBP @ 3541, reset pkr @ 3410 & press annl to 500 psi/ok.
- 1-27-83 13 hr SITP 0, Sw tr of oil + 69 BLW/9 hrs, FL 1200 to SN @ 3400.
- 1-28-83 13 hr SITP 100, S 2 BNO + 17 BLW/3-1/2 hrs, FL 2000 to SN @ 3400, 1st run had SO 30% oil, LH sw 5 BF, SO 2% oil, rel pkr @ 3410 & latch on RBP @ 3541, reset RBP @ 3474 & pkr @ 3450.
- 1-29-83 3640 TD, 3625 PBTD, Penrose perfs 3478-3540. Press test BP @ 3474, 1500 - 15 min, held OK, spotted 100 gals 15% NE HCl acid 3470-3370, POH w/pkr, Dresser Atlas perf 5-1/2" csg Queen Zone, 1 JSPF 3418-3422, 3424-3436, 3438-3448, 3452-3466, total 44 holes, Job compl @ 11 am 1-28-83, WIH w/5-1/2" Baker pkr on 2-3/8 tbg, set pkr @ 3335, BJ Hughes acidized perfs 3418-3466 w/3300 gals 15% NE HCl acid, 50 RCNBS, form bk dn 1210, treating press 950-1210, AIR 4 BPM, ISIP 660, 15 min 410, Job Compl @ 1 PM 1-28-83.
- 1/30-31/83 13 hr SITP 75, Sw 6 BNO + 44 BLW + 20 bbls form wtr/11 hrs, LH Sw 5 bbls S/O 5% oil, no gas.
- 2-1-83 Penrose perfs 3478-3540, Queen perfs 3418-3466. 36 Hr SITP, Sw 15 BNO + 30 BFW/6 hrs.
- 2-2-83 14 Hr SITP 75, BJ SWF Queen perfs 3418-3466 down 2-7/8 tbg w/25,000 gals Terra Frac "T" + 40,000# 20-40 mesh sd + 20,000# 10-20 mesh sd, TTP 1630-1880, AIR 15 BPM, ISDTP 1140, 15 min SITP 900, job compl @ 9:30 AM 2-1-83.
- 2-3-83 20 Hr SITP 0, Sw 165 BLW/11 hrs, LH Sw 15 BF S/O tr of oil, no sh gas.
- 2-4-83 13 Hr SITP 0, Sw 2 BNO + 43 BLW/5 hrs, FL 1800' to SN @ 3334, no sh gas, LH Sw 5 BF S/O 5% oil, rel pkr @ 3335 & ran down & tag sd @ 3470, wash 4' sd off RBP & latch on RBP @ 3474 & POH.
- 2-5-83 GIH w/2-7/8" BPMA, 4' x 2-7/8" tbg perfs, SN & 111 jts 2-7/8 tbg, btm of BPMA @ 3464, SN @ 3429, remove BOP & inst head, ran 1" x 10' GA & 2-1/2 x 1-1/2 x 12 pump, 2' x 3/4" rod sub, 5 - 1-1/2" K-bars, 80 - 3/4" rods + 51 - 7/8" rods.
- 2-6-83 Rel Burk Unit @ 9 AM 2-5-83, turn to Prod.
- 2-7-83 Set pumping unit, lay flowline.
- 2-8-83 Finished connecting flowline & build well head, start pump @ 10 AM.
- 2-9-83 Queen perfs 3418-3466. P 2 BNO + 26 BLW/24 hrs.
- 2-10-83 P 4 BNO + 104 BLW/20 hrs.
- 2-11-83 P 12 BNO + 108 BLW/24 hrs, Gas TSTM.
- 2-14-83 P 42 BNO + 144 BLW/72 hrs.
- 2-15-83 P 14 BNO + 37 BLW + 2 MCF/24 hrs.
- 2-16-83 P 14 BNO + 35 BLW + 1 MCF/24 hrs.
- 2-17-83 P 14 BNO + 32 BLW + 2 MCF/24 hrs.

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