

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL API NO.
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. A-2614
7. Lease Name or Unit Agreement Name S. Eunice 7 Rivers Queen Unit
8. Well No. 407
9. Pool name or Wildcat S. Eunice (7 Rivers Queen)
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL 3490'

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 Injection well
2. Name of Operator Marathon Oil Company
3. Address of Operator P.O. Box 552, Midland, TX 79702
4. Well Location Unit Letter J : 1980 Feet From The South Line and 2310 Feet From The East Line Section 35 Township 22S Range 36E NMPM Lea County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: Add perfs, acidize, frac & convert to ☒ WFX-629 Injection well.

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.

Marathon Oil Company initiated operations on 12/1/91 to add perfs, acidize, frac & convert the above referenced well to an injection well.

12-1-91 - MIRU X-Pert #7. Installed rod stripper. LD 3/4" rods. NU 6" 900 manual BOP. POOH. LD 2500' 2 3/8" tbg. SDFN.

12-2-91 - Opened well 0 psi. Finished LD 2 3/8" tbg. Chg rams to 2 7/8". RIH to 120' w/5 1/2" R-4 pkr. Set pkr. Tested pipe rams to 1000 psi. RIH to 3600'. Tested csg to 500 psi. POOH w/R-4 pkr. RIH w/4 3/4" bit on 2 7/8" tbg. Tagged @ 3762'. Washed fill from 3762'-82'. Drilled from 3782'-3800'. Circ. POOH. LD bit. RIH w/5 stds 2 7/8" tbg. SDFN.

(Continued)

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

SIGNATURE Carl A. Bagwell TITLE Engineering Technician DATE 1/14/92
TYPE OR PRINT NAME Carl A. Bagwell TELEPHONE NO. 915/682-1626

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APR 10 1992

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

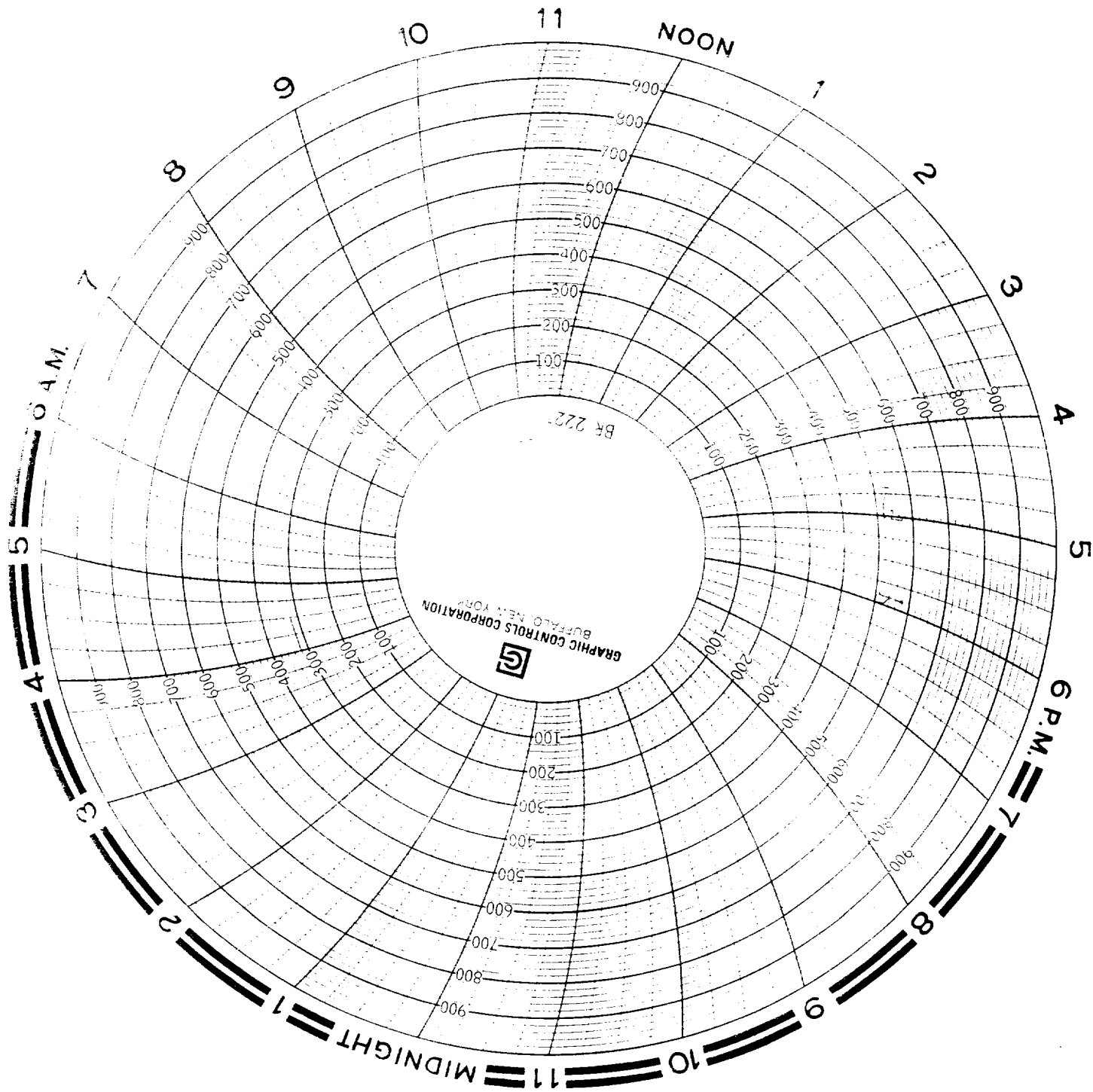
R. N. R. on

Post 1/4/92

E

Marathon Oil Company
S. Eunice 7 Rivers Queen Unit, #407
Continuation of Item 12

- 12-3-91 - Opened well 0 psi. POOH w/killstring. RU Wedge. Tested lub to 1000 psi. RIH w/guns. Perf 5 1/2" from 3780'-3758' w/4 JSPF. Perf from 3754'-3700' using 2 JSPF. RD Wedge. RIH w/5 1/2" RTTS. Set @ 3556'. Tested annulus to 500 psi. Tested tbg to 5000 psi, held OK. Released pkr. Fished std valve. RI to 3778'. Spotted 150 gals 15% NEFE acid across perfs. Pulled up to 3556'. Rev 5 bbls down annulus. Reset pkr. Tested annulus to 500 psi. Acidized perfs from 3700'-3790' using 4000 gals 15% NEFE acid. Dropped 400 balls. 1422 psi. Max press 1550 psi. Min press 1000 psi. Avg rate 5.5 BPM. ISIP 100 psi. 5 min 500 psi, 10 min 50 psi & 15 min 0 psi. Shut in 1 hr. RU swab. Swabbed back 48 bbls in 9 runs. PU to 1500' w/RTTS. SDFN.
- 12-4-91 - Opened well 25 psi. POOH w/2 7/8" tbg. RIH Hydro tested tbg. Held safety meeting. RU Halliburton frac lines. Tested to 5000 psi. Pkr set @ 3556'. Tested & held annulus @ 500 psi. Pumped 3000 gals 2% KCl wtr @ 10 BPM @ 970 psi. Frac perfs w/total of 16,000 gals gelled fluid & 34,300 lbs 20/40 sand w/1-6 lbs of sand concentration. Avg inj rate 20 BPM @ 2425 psi. Max press 3719 psi. ISIP 920 psi. 5 min 743 psi. 10 min 638 psi. 15 min 569 psi. SDFN.
- 12-5-91 - Opened well 0 psi. RU swab. FL @ 1700'. Made 45 swab runs in 8 hrs. FL @ 2400'. Released pkr. Tagged TD @ 3730'. POOH to 1000'. SDFN.
- 12-6-91 - Opened well 0 psi. POOH w/5 1/2" RTTS. RIH w/bulldog bailer on 2 7/8" tbg. Tagged fill @ 3700'. Cleaned fill to 3800'. PU. Wait 1/2 hr. RI. Tagged @ 3796'. Cleaned fill to 3800'. POOH. LD 2 7/8" workstring. Chg rams to 2 3/8". RIH w/2 3/8", 4.7#, J-55 Duoline tbg w/5 1/2" AD-1 pkr. Landed pkr @ 3626'. ND BOP. NU head. Circ packer fluid. Set & tested packer to 500 psi for 1/2 hr. RD. S.I. awaiting injection line.



12/5/91

South Eunice Unit #407

Packer Test

500psi 1/2 hr.

R.C. Holmes

Marathon Oil Co.