

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

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	7. Lease Name or Unit Agreement Name South Eunice (Seven Rivers, Queen) Unit
2. Name of Operator Marathon Oil Company	8. Well No. 409
3. Address of Operator P.O. Box 552, Midland, TX 79702	9. Pool name or Wildcat (Queen) South Eunice (Seven Rivers)
4. Well Location Unit Letter <u>L</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>22S</u> Range <u>36E</u> NMPM <u>Lea</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL 3458'	

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 ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Acidize, frac & convert to injection ☒
WFX-629 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 acidize, frac and convert the above referenced well to an injection well.

12-1-91 - MIRU X-Pert #2. Installed rod stripper. POOH. LD 3/4" rods. NU 6" 900 manual BOP. PU 1 jt 2 3/8" tbg. Tagged @ 3770'. POOH LD 2 3/8" tbg. Chg rams to 2 7/8". RIH to 120' w/5 1/2" R-4 pkr. Set pkr. Tested rams to 1000 psi. POOH w/pkr. RIH w/bulldog bailer & 5 1/2" csg scraper on 2 7/8" tbg to 3700'. 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. 682-1626

(This space for State Use)

ORIGINAL SIGNED BY WELLS DIVISION

APPROVED BY E. STRICKLAND TITLE _____ DATE _____

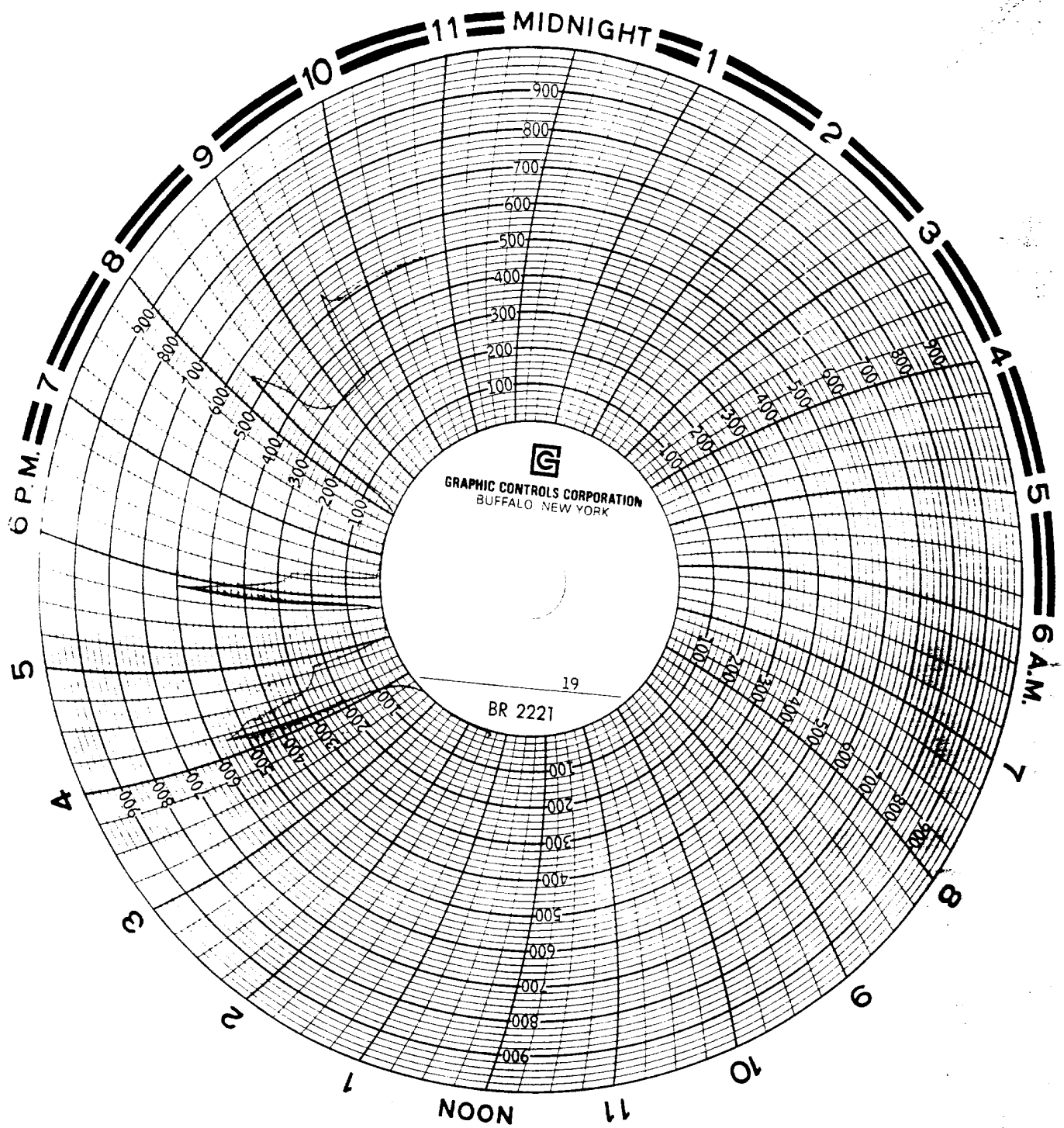
CONDITIONS OF APPROVAL, IF ANY:

6000

8

Marathon Oil Company
South Eunice (Seven Rivers, Queen) Unit #409
Continuation of Item 12

- 12-2-91 - Opened well 25 psi. Bled down. RI w/bailer. Cleaned fill from 3750'-3778'. POOH. RIH w/5 1/2" RTTS w/standing valve in place. Set pkr @ 3550'. Tested csg to 560 psi. OK. Tested 2 7/8" tbg to 5000 psi (leaking). Fished standing valve. POOH w/30 stds 2 3/8". Dropped std valve. Retested tbg to 5000 psi (leak). Fished valve. POOH. RIH tighten all collars. Set 5 1/2" RTTS @ 3550'. Tested annulus to 500 psi. Tbg to 5000 psi. Fished std valve. RU Halliburton. Tested lines to 5000 psi. Acidized perfs from 3653'-3739' using 4000 gals 15% NEFE acid. Dropped 400 balls. Max press 1068 psi. Min press 718 psi. Avg press 1035 psi. Avg rate 5.15 BPM. SI 1 hr (96 psi). RU swab. Swabbed back 40 bbls in 9 runs. Note: Backside pressure incr 130 psi while acidizing. SDFN.
- 12-3-91 - Released pkr @3550'. RIH to 3778'. POOH. RU hydro test. TIH testing tbg. Replaced 1 bad coupling. RU Halliburton frac crew. Held safety meeting. Set pkr @ 3550'. Tested & held 500 psi on annulus. Tested lines to 5000 psi. Pumped 3000 gals 2% KCl wtr @ 8 BPM @ 840 psi. Frac perfs w/16,000 gals gelled fluid & 34,000 lbs 20/40 sand w/concentration of 1-6 lbs. Avg inj rate 20 BPM @ 2315 psi. Max psi 2556. ISIP 841 psi. 5 min 606 psi. 10 min 477 psi. 15 min 382 psi. SDFN.
- 12-4-91 - Opened well 20 psi. RU swab. FL @ 1700'. Made 70 swab runs in 8 hrs. Rec 128 bbls load wtr. FL @ 3200'. Released pkr. Tagged fillup @ 3725'. PU to 2500' w/RTTS. SDFN.
- 12-5-91 - Opened well 0 psi. POOH w/5 1/2" RTTS. RIH w/bulldog bailer. Tagged fill @ 3752'. Cleaned fill to 3778'. Pulled 5 stds. Wait 1/2 hr. RI. Tagged @ 3778'. POOH. LD 2 7/8" tbg. Chg rams to 2 3/8". RIH w/114 jts 2 3/8", 4.7#, J-55 Duoline tbg w/5 1/2" AD-1 pkr. Landed pkr @ 3495'. ND BOP. NU head. Circ pkr fluid. Set & tested pkr to 500 psi for 1/2 hr. RD. SI. Awaiting injection line.



RECEIVED

JAN 23 1992

HOBBBS OFFICE

12/4/91

South Eumec Unit #409

packer Test.

300 PSI 1/2 hr.

B.C. Holmes
Marathon Oil Co.