

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 <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. A-2614
7. Lease Name or Unit Agreement Name S. Eunice 7 Rivers Queen Unit
8. Well No. 408
9. Pool name or Wildcat S. Eunice (7 Rivers Queen)

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> 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 I : 1980 Feet From The South Line and 990 Feet From The East Line Section 35 Township 22S Range 36E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR 3477'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Acidize & frac injection well <input checked="" type="checkbox"/>

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 11/26/91 to acidize and frac the above referenced well.

11-26-91 - MI & RU X-Pert rig #7. ND wellhead. Install 6" 900 series dual BOP w/ 2 3/8" rams and top of blinds on bottom. Unset pkr & lower tbg to check for fill. Tag fill @ 3646' (148' fill) 112' above bottom perf. POOH w/ pkr & tbg. Lost packing element on pkr while TOOH. PU bailer & TIH picking up 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
DISTRICT SUPERVISOR

JAN 24 '92

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Marathon Oil Company
S. Eunice Seven Rivers Queen Unit #408
Continuation of Item 12

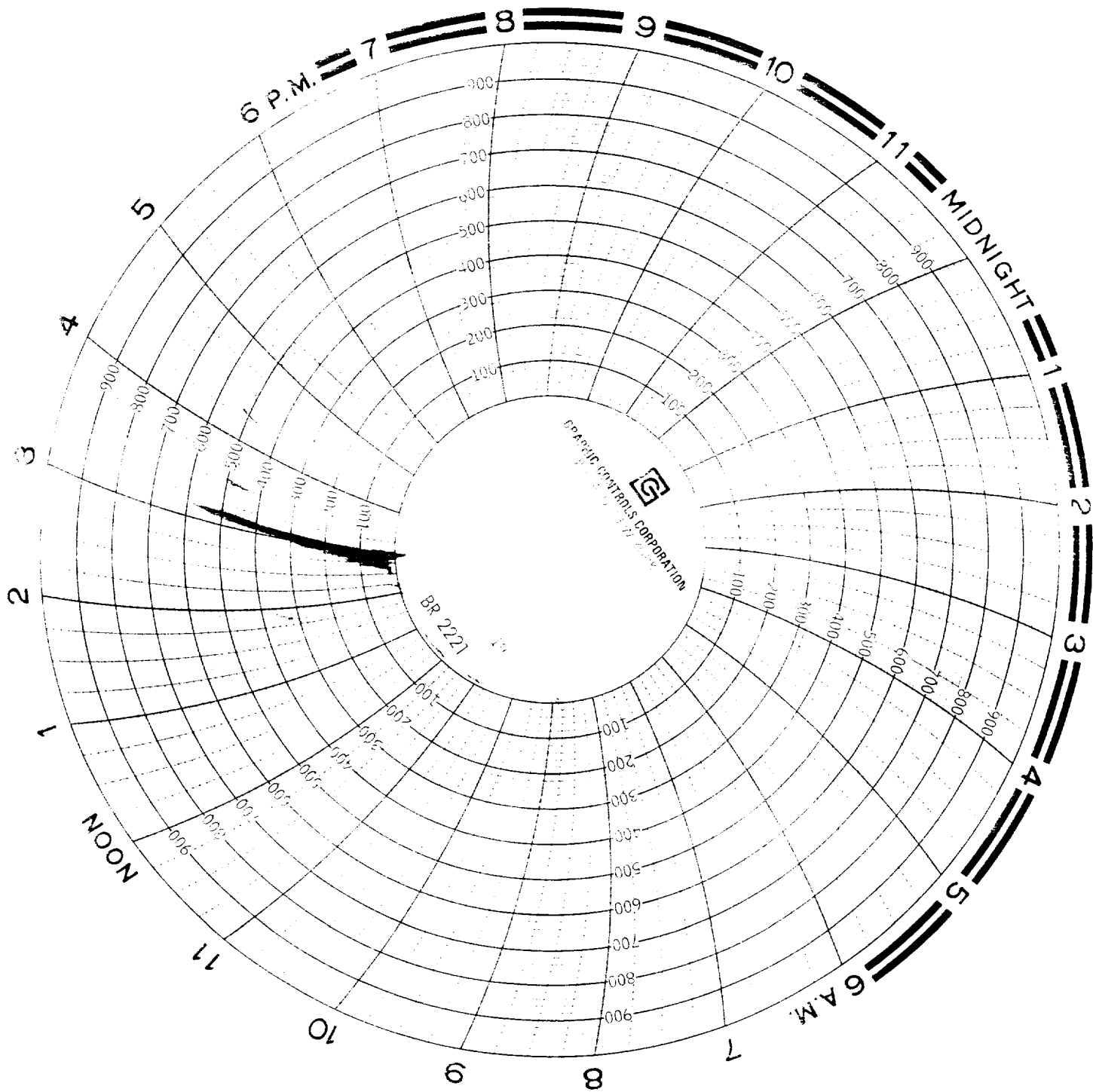
- 11-27-91 - FTIH w/bailer & 2 7/8" tbg. Tag & circulate out fill 3750'-3794'. PBD. POOH w/bailer. PU R-4 pkr & TIH to 120' & test pipe rams to 1000#. Did not hold. Change out adapter flange & retest. Held OK. TIH to 3646'. Could not get any deeper than 3626'. Test csg to 500#. Side door gasket on BOP started leaking. Change gasket & retest. Held OK. PU & set pkr @ 3590'. Did not spot acid. Establish injection rate on wtr @ 4.7 BPM @ 1370#. Start acid. Pump 4150 gals 15% NEFE acid @ 5.6 BPM @ 1530#. Did not see ball action. Saw 100 psi increase @ end of acid job. ISIP 973#, 5" SIP 750#, 10" SIP 620#, 15" SIP 515#. Shut well in for 1 hr. had 0# on tbg. Fluid @ surf. Made 9 swab runs. Fluid @ 1800'. Rec 53 bbls acid wtr. SI. SDFN.
- 11-28-91 - Had 30 psi on tbg @ start of day. Fluid @ 950'. Made 1 swab run. Recovered 6 bbls wtr. RU Howco to frac. Psi up on backside to 500 psi. Test lines to 5000 psi. Pump 3000 gals 2% KCl wtr @ 12-13 BPM @ 16-2200 psi. Frac w/16,000 gals gelled fluid & 34,300# 20/40 sand w/sand concentrations of 1-6 lbs. Avg inj rate 20 BPM @ 2676 psi. Max psi 3746 on pad. ISIP 1063 psi. 5 min 930. 10 min 851. 15 min 790 psi. RD Halliburton. SWI. SDFN.
- 11-29-91 - SD for holiday.
- 11-30-91 - Opened well (vacuum). Fluid level @ 2100'. RU swab. Made 25 swab runs in 6 1/2 hrs. Fluid level @ 3200'. Swabbed back 120 bbls. POOH. RIH w/ bulldog bailer. Cleaned fill from 3750'-3794'. POOH. LD 2 7/8" work-string. Chg rams to 2 3/8". RIH to 1000' w/2 3/8" tbg. SDFN.
- 12-1-91 - Opened well 0 psi. POOH w/2 3/8" IPC tbg. RIH w/2 3/8" IPC tbg (4.7#, J-55) w/5 1/2" Baker AD-1 tension pkr. Landed pkr @ 3572', Circ 60 bbls of 2% KCl wtr down annulus. ND BOP. NU wellhead. Set pkr @ 3572'. Tested to 500 psi. RD unit. Resume water injection.

RECEIVED

MAN 23 1992

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MOBBS OFFICE



South Eunice Unit #408

Packer Test (Amplas)

500 psi $\frac{1}{2}$ hr.

11/30/91

BC. Holmes
MARATHON OIL CO