

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. 30-025-29550
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 South Eunice (7RQ) Unit
8. Well No. 440
9. Pool name or Wildcat South Eunice (7RQ)
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3484' GL 3498' KB

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator Marathon Oil Company	3. Address of Operator P. O. Box 552, Midland, TX 79702
4. Well Location Unit Letter G : 2630 Feet From The North Line and 1550 Feet From The East Line Section 35 Township 22S Range 36E NMPM Lea County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3484' GL 3498' KB	

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

On 11/15/91, Marathon Oil Company initiated operations to workover SE (7RQ) No. 440 as follows:

(See attachment.)

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

SIGNATURE Robert J. Prews TITLE Operations Engineer DATE 2/24/92
(915)
TELEPHONE NO. 682-1626

TYPE OR PRINT NAME

(This space for State Use)

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

MAR 03 '92

- 11/15/91 RU pulling unit. Unseated pump. POH w/pump on 3/4" & 7/8" sucker rods. Removed wellhead. Released tbg anchor. Installed 6" 900 Series manual BOP. Tagged bottom w/mud joint. Tallied out of hole w/mud jt, seating nipple, tbg anchor on 2 3/8" tbg. PBTD @ 3784'. Changed pipe rams to 2 7/8". WIH picking up workstring w/5 1/2" RTTS pkr & seating nipple on 2 7/8" N-80 tbg. Set pkr @ 3615'. Tested csg to 500 psi, OK. Released pkr. POH. WIH w/5 1/2" R-4 tension pkr. Set pkr @ 120'. Tested csg & pipe rams to 1000#, OK. POH w/pkr on 2 7/8" tbg. RIH w/ 2 7/8" tbg open ended for killstring. Closed pipe rams. SDFN.
- 11-16-91 POH w/2 7/8" tbg, open-ended. RU Wedge Wireline. RIH w/3 1/8" csg guns. Perforated 5 1/2" csg @ 3693'-3702', 3704'-08', 3710'-16', 3730'-43', 3746'-52' & 3761'-68' w/4 JSPF (180 holes). RD Wedge Wireline. WIH w/5 1/2" RTTS pkr, SN on 2 7/8" tbg (standing valve run in place). Could not run pkr past 3730' (tight spot). Set pkr @ 3615'. Loaded backside & pressured upto 500#, OK. Tested tbg to 5000#, OK. Fished std valve. Tested lines to 5000#, OK. Acidized Queen interval 3693'-3768' w/3500 gals 15% NEFE acid. Used 350 balls for divert. Flushed to bottom perf w/2% KCL wtr. Max press 1277#. AIR 5.14 BPM @ 931#. ISDP 577#. 5 min SIP vacuum. SWI. RD Halliburton. Rel pkr @ 3615'. Knocked balls from perfs to 3730'. Reset pkr @ 3615'. Started swabbing w/fluid 1400' from surface. Made 18 runs in 2 hrs. Rec. 59 BW. Final fluid level 2500' from surface. RU Halliburton. Pressured up backside to 500#, OK. Tested lines to 5000#, OK. Held brief safety meeting. Sand fraced Queen formation 3693'-3768' w/25,000 gals crosslinked gel containing 53,000# 20/40 Brady sand & 10,500# 20/40 resin coated sand. Flushed to top perf (PH 9, Vis 38). Max press 3870#. AIR 19.9 BPM @ 3155#. ISDP 1231#. 5 min SIP 996#, 10 min SIP 831#, 15 min SIP 706#. SWI. RD Halliburton. SDFN.
- 11-17-91 SITP vacuum. RU swab. Started swabbing w/fluid level 1900' from surface. Made 62 runs in 10 hrs. Rec 163 BW. Final fluid level 2100' from surface. SWI. SDFN.
- 11-18-91 SITP 20#. Rel pkr @ 3615'. POH w/pkr, SN on 2 7/8" wokrstring. WIH w/2 7/8" tbg open-ended. Tagged top of sand @ 3729' (perfs 3693'-3768'). POH w/2 7/8" tbg open-ended. WIH w/hydrostatic bailer on 2 7/8" tbg (notched collar on bottom). Cleaned out to 3784'. Pulled 10 stds. Waited 30 min. WIH and tagged sand @ 3773'. Unable to make hole. POH w/bailer. WIH w/bailer. Cleaned out to PBTD 3797'. POH laying down w/bailer on 2 7/8" workstring. Changed pipe rams to 2 3/8". SIH w/mud jt, SN, 4 jts 2 3/8" tbg, Baker tbg anchor on 2 3/8" tbg. Closed pipe rams. SDFN. DC \$2,225
- 11/19/91 FIH w/2 3/8" prod tbg. ND BOP. NU tree. RIH w/pump on 3/4" & 7/8" rods. RD pulling unit. Left well pumping to satellite test separator.
- 11/20/91 Well pumping to south satellite header. No fluid test. Will place thru test separator today.
- 11/21/91 No test-hole in test separator. Put well on test to frac tank.

Attachment to Form C-103
 South Eunice (7RQ) Unit No. 440
 Item 12

11/22/91 Well pumped 10 BO & 245 BW in 20 hrs.

Jts.	Size	Wt.	THD	GRD	CPL	Effective Length	Setting Depth From	To
116	2 3/8	4.7	8RD	J55	EUE	3573.21	14.00	3587.21
* 1	5 1/2 x 2 3/8		Baker	tbg	anchor	2.75	3587.21	3589.96
4	2 3/8	4.7	8RD	J55	EUE	123.67	3589.96	3713.63
1	2 3/8		API	seating	nipple	1.10	3713.63	3714.73
1	2 3/8		Mud	jt.		16.10	3714.73	3730.83

*Tbg anchor set w/12,000# tension. Perfs: 3693-3768 (190 holes)
 PBSD: 3797 (TBG Tally)

11/23/91 Well pumped 0 BO & 254 BW in 24 hrs.

11/24/91 Well pumped 0 BW & 272 BW in 24 hrs.

11/25/91 Well pumped 0 BO & 257 BW in 24 hrs.

11/26/91 Well pumped 0 BO & 241 BW in 24 hrs.

11/27/91 Well pumped 0 BO & 201 BW in 24 hrs.

11/28/91 Well pumped 0 BO & 303 BW in 24 hrs.

11/29/91 Well pumped 0 BO & 250 BW in 24 hrs.

11/30/91 Well pumped 0 BO & 292 BW in 24 hrs.

12/01/91 Well pumped 20 BO & 256 BW in 24 hrs.

12/02/91 Well pumped 0 BO & 258 BW in 24 hrs.

12/03/91 Well pumped 6 BO & 257 BW in 24 hrs.

12/04/91 Well pumped 8 BO & 218 BW in 24 hrs.

12/05/91 Well pumped 10 BW & 268 BW in 24 hrs.

12/06/91 Well pumped 8 BO & 247 BW in 24 hrs. FINAL REPORT.