

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. 03-025-29341
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. 436
9. Pool name or Wildcat South Eunice (7RQ)
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3463' GL 3472' 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 I : 2475 Feet From The South Line and 330 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 <input type="checkbox"/>	REMEDIAL WORK <input checked="" 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: <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 11/14/92, Marathon Oil Company initiated operations to workover SE (7RQ) No. 436 as follows:

(See attachment)

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

SIGNATURE Rod J. Prosceno TITLE Operations Engineer DATE 2/24/92
(915)
TYPE OR PRINT NAME Rod J. Prosceno TELEPHONE NO. 682-1626

(This space for State Use)

MAR 03 '92

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

- 11/14/91 RU pulling unit. Unseated pump. POH w/1 1/2" pump on 3/4" & 7/8" sucker rods. Removed wellhead. Released Baker tubing anchor. Installed 6" 900 Series manual BOPs. Tagged bottom w/mud joint. Tallied out of hole w/mud joint, seating nipple, tubing anchor on 2 7/8" J-55 tbg. PBTD @ 3795'. WIH w/5 1/2" RTTS pkr, seating nipple on 2 7/8" tbg. Set pkr @ 3624'. RU pump truck. Loaded backside w/45 bbls fresh water. Pressured up to 500 psi, held OK. Released pkr. SOH w/pkr, seating nipple on 2 7/8" tbg. Closed pipe rams. SWIFN.
- 11/15/91 FOH w/pkr & seating nipple on 2 7/8" tbg. RIH w/5 1/2" R-4 tension pkr on 2 7/8" tbg. Set pkr @ 120'. Closed pipe rams. Tested pipe rams & csg to 1000 psi, OK. Released pkr. POH. RU Wedge Wireline. Pressure tested lubricator to 1000 psi, OK. RIH w/3 1/8" csg guns. Perforated 5 1/2" csg @ 3666'-88, 3696'-3700', 3704'-14', 3718'-25', 3734'-44', and 3749'-53' w/4 JSPF (228 holes). RD Wedge Wireline. WIH w/5 1/2" RTTS pkr, seating nipple on 2 7/8" tbg (std valve run in place). Bottom of tbg @ 3761'. RU Halliburton. Tested tbg to 5000 psi, OK. Fished std valve, broke circulation. Spotted 150 gals 15% NEFE acid across interval 3661'-3753'. Picked up pkr to 3563'. Reversed 5 bbls 2% KCl wtr down backside. Set pkr. Loaded backside and pressured up to 500#, OK. Tested lines to 5000#, OK. Acidized Queen interval (3661'-3753') w/3500 gals 15% NEFE HCl acid. Used 350 balls for divert. Flushed to bottom perf w/2% KCl wtr. Max press 1458#. AIR 5.12 BPM @ 1054 psi, ISDP 1020#, 5 min SIP 638#, 10 min SIP 478#, 15 min SIP 350#. Shut well in. RD Halliburton. Released pkr @ 3563'. WIH & knocked balls off perfs. Reset pkr @ 3563'. RU swab. Started swabbing w/fluid level 900' from surface. Made 9 runs in 2 hrs. Recovered 53 BW. Final fluid level 3000' from surface. SWI. SDFN.
- 11-16-91 SITP 90 psi. RU Halliburton. Pressured up backside to 500 psi, OK. Pressure tested lines to 5000#, OK. Held brief safety meeting. Sand fraced Queen formation 3661'-3753' w/25,000 gelled fluid containing 53,000# of 20/40 Brady sand and 10,500# 20/40 resin coated sand. Flushed to top perf. (PH 10.2 Vis 33). Went to flush w/8000# resin coated sand gone. Max press 4200#. AIR 18.7 BPM @ 2845 psi. ISDP 1916#. 5 min SIP 839#, 10 min SIP 801#, 15 min SIP 756#. SWI. RD Halliburton. SDFN.
- 11-17-91 SITP vacuum. Started swabbing w/fluid level 600' from surface. Made 8 runs in 2 hrs. Recovered 40 BW. Unable to get swab past 2100'. Sand in tbg. Released 5 1/2" pkr @ 3563'. POH w/pkr, SN on 2 7/8" tbg. WIH w/2 7/8" tbg open ended. Tagged top of sand @ 3648' (105' fill to bottom perf). POH. WIH w/hydrostatic bailer (notched collar on bottom) on 2 7/8" tbg. Cleaned out to 3795'. Pulled 10 stds. Waited 30 min. RIH & tagged bottom @ 3765'. Unable to recover anymore sand. POH w/bailer. WIH w/abiler. Tagged top of sand at 3755'. Cleaned out to 3795'. Pulled 10 stds 2 7/8" tbg. Closed pipe rams. SDFN.
- 11-18-91 Checked for fill w/bailer. Tagged up @ 3795'. POH w/bailer on 2 7/8" tbg. RIH w/mud jt, SN, 4 jts 2 7/8" tbg, Baker tbg anchor on 2 7/8" tbg. Removed manual BOP's. Set tbg anchor w/12,000# tension. Installed tbg hanger. RIH w/gas anchor, 1 1/2" pump on 3/4" and 7/8" sucker rods. Seated pump. Spaced out. Hung well on. Loaded hole and checked pump action, OK. Hooked up well to frac tank. RD pulling unit. Started pumping well.

Attachment to Form C-103
 South Eunice (7RQ) Unit No. 436
 Item 12

11/19/91 Well made 0 BF overnite. Well not pumping. Lowered rods, tagged bottom. Well would not pump. SD pumping unit.

11/20/91 RU kill truck. Loaded hole w/10 bbls fresh water. Tested tbg to 500#, OK. Long stroked pump to 500#, OK. Pumped well to frac tank. Well quit pumping. Unseated pump. POH w/pump & rods. Changed out pump. RIH w/pump & rods. Seated pump. Hung well on. Loaded hole & checked pump action, OK. Placed well on test to frac tank. Left pulling unit rigged up.

11/21/91 Well showing good pump action. Well pumped 17 BO & 153 BW in 21 hrs.

11/22/91 Well pumped 0 BO & 199 BW in 24 hours.

Jts.	Size	Wt.	THD	GRD	CPL	Effective Length	Setting Depth From	To
116	2 7/8	6.5	8RD	J55	EUE	3,606.46	14.00	3620.46
* 1	5 1/2 x 2 7/8		Baker tubing anchor			2.75	3620.46	3623.21
4	2 7/8	6.5	8RD	J55	EUE	123.20	3623.21	3746.41
1	2 7/8		API seating nipple			1.10	3746.41	3747.51
1	2 7/8		Mud jt.			14.95	3747.51	3762.46

*Tbg anchor set w/12,000# tension. Perfs: 3661-3753 (242 holes)
 PBDT: 3795 (TBG Tally)

11/23/91 Well pumped 0 BO & 200 BW in 24 hrs.

11/24/91 Well pumped 0 BO & 185 BW in 24 hrs.

11/25/91 Well pumped 0 BO & 150 BW in 24 hrs.

11/26/91 Well pumped 0 BO & 225 BW in 24 hrs.

11/27/91 Well pumped 0 BO & 209 BW in 24 hrs.

11/28/91 Well pumped 0 BO & 185 BW in 24 hrs.

11/29/91 Well pumped 0 BO & 162 BW in 24 hrs.

11/30/91 Well pumped 0 BO & 213 BW in 24 hrs.

12/01/91 Well pumped 0 BO & 217 BW in 24 hrs.

12/02/91 Well pumped 0 BO & 215 BW in 24 hrs.

12/03/92 Well pumped 10 BO & 155 BW in 24 hrs.

Attachment to Form C-103
South Eunice (7RQ) Unit No. 436
Item 12

12/04/91 Well pumped 8 BO & 177 BW in 24 hrs.

12/05/91 Well pumped 9 BO & 161 BW in 24 hrs.

12/06/91 Well pumped 7 BO & 150 BW in 24 hrs. FINAL REPORT