

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.

30-025-09173

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

A-2614

7. Lease Name or Unit Agreement Name

South Eunice (7RQ) Unit

8. Well No.

410

9. Pool name or Wildcat

South Eunice (7RQ)

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

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P. O. Box 552, Midland, TX 79702

4. Well Location

Unit Letter M : 330 Feet From The South Line and 330 Feet From The West Line

Section 36 Township 22S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3455' GL 3467' KB

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☒

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

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 11/19/91, Marathon Oil Company initiated operations to workover SE (7RQ) No. 410 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 2/18/92

(915)

TYPE OR PRINT NAME

Rod J. Prosceno

TELEPHONE NO. 682-1626

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 03 '92

Attachment to Form C-103

South Eunice (7RQ) Unit No. 410

Item 12

- 11/19/91 RU pulling unit. ND treet. NU BOP. Release Baker AD-1 pkr. PU 8 jts + 8' of 2 7/8" tbg & tag. SOH w/tbg. SDFN.
- 11/20/91 POH w/Baker AD-1 pkr on 2 3/8" plastic coated tbg. Tagged bottom @ 3726' (perfs 3651'-3736'). WIH w/R-4 tension pkr on 2 7/8" workstring to 120'. Tested csg & BOP to 1000 psi, OK. FOH. (Note: Controls on manual triple BOP not working correctly.) Changed out BOP's. RIH w/hydrostatic bailer on 2 7/8" workstring. Cleaned out to PBTD 3770'. POH w/bailer. SIH w/5 1/2" RTTS pkr, SN on 2 7/8" workstring. Closed pipe rams. SDFN.
- 11/21/91 TIH w/2 7/8" tbg & 5 1/2" RTTS pkr to 3612'. Set pkr. Psi up on annulus to 500 psi. Did not hold. Leaking around adapter flange. Tighten & retest. Did not hold. Change out BOP. Test annulus to 500 psi, held OK. Run 4 jts to 3740'. Test tbg & lines to 5100 psi, held OK. Fish standing valve. Spot 150 gals 15% NEFE 3740'-3574'. PU pkr to 3550'. Reverse 5 bbls down annulus. Set pkr @ 3550'. Put away spot acid w/200 gals wtr. Broke down @ 1059' psi @ 1.38 BPM. Pump 4000 gals acid (15% NEFE) w/1200# rock salt in 900 gal gelled 10# brine. Over displace perfs by 5 bbls w/1200 gals KCL flush. 3 stage block. #1 psi incr 1670-1870 psi. #2 psi incr 1580-1900 psi. #3 psi incr 1550-1860 psi. Flush to perfs @ 5 BPM @ 1800-1850 psi. ISIP 1504. 5 min 1025. 15 min 911. SWI 1 hr. 500 psi on tbg. Flow back 13 bbls to frac tank. Make 5 swab runs. Swab 27 bbls fluid @ 1700' & going down each run. Unseat pkr. TIH to 3740' to check fill. No fill. Reset pkr @ 3550'. Psi up on backside to 500 psi. Hold safety meeting. Test lines to 5000 psi. Start pad 6000 gals 18 BPM @ 3700-3400 psi. Start 12/20 sand @ 1-3 ppg @ 2425 psi @ 20 BPM. Start 12/20 sand @ 3-6 ppg. When 3-6# sand got to form, psi started coming up to 3216 psi. Cut sand & got to flush. Form screened out @ 4890 psi w/448 gals flush away. Est top of sand in tbg 1850 approx. ISIP 1002 psi. 5 min 747 psi. 10 min 678 psi. 15 min 600 psi. SDFN.
- 11/22/91 Tbg on slight vacuum @ start of day. TIH w/sinker bar on sand line. Had approx 50' sand in tbg above pkr. Attempt to pump down. Tbg psi up to 2600 psi w/2 bbls 2% KCL wtr. SDFN. Waiting on coil tbg unit to clean sand out of tbg.
- 11-23-91 SITP 2250#. Left psi on tbg from yesterday. TIH w/sinker bar. Tag up @ 3500'. RU Cudd and CO sand in tbg to 3770'. RD Cudd. RU Swb, IFL @ 100' FS, made 21 swb runs. FFL @ 2800' FS. Swb 86 BF. All wtr. Swb hung on last run. Stuck in SN. SI. SDFN.
- 11-24-91 0# SITP. Could not work sand line free. Cut sand line & pour new rope socket. Start swb IFL @ 800'. Made 21 runs with FFL @ 2800'. Rec 70 BF, all wtr. Release pkr & TIH & Tag fill @ 3740', 4' below perfs @ 3736'. 30' fill. TOH w/pkr & tbg. PU bailer & TIH. CO to PBTD of 3770'. POOH & LD 108 jts 2 7/8" tbg. SDFN.
- 11-25-91 FTOOH w/2 7/8" tbg, LD. RU testers & TIH testing 2 3/8" PC tbg to 5000# above slips. Ran Baker MDL AD-1 & 114 jts 2 3/8" tbg. Circ 75 bbls pkr fluid dwn annulus. Set pkr @ 3478' & test annulus to 500#. Did not hold. Leaking at wellhead. Tighten up Bonnet on head & retest. Did not hold. Get parts from National in Hobbs. Install new tbg slips, hanger bowl & gland nut. Retest to 500#. Held for 20" test. RD & release rig @ 3:00 p.m.