

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-09162

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

South Eunice (7RQ) Unit

8. Well Number **405**

9. OGRID Number
014021

10. Pool name or Wildcat
Eunice, South (Seven 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 ☐ Gas Well ☐ Other **Water Injection**

2. Name of Operator
Marathon Oil Company ATTN: Donna Spears

3. Address of Operator
P.O. Box 3487, Houston, Texas 77253-3487

4. Well Location

Unit Letter **A** : **660** feet from the **North** line and **990** feet from the **East** line
Section **35** Township **22-S** Range **36-E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,476' GL 3,485' KB

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **STEEL** Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water **N/A**

Pit Liner Thickness: **STEEL** mil Below-Grade Tank: Volume **180** bbls; Construction Material **STEEL**

12. 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 ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐
OTHER: ☐

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED PLUGGED WELLBORE DIAGRAM

06/01/07 Friday

Held safety meeting on checking pressures. Contacted NMOCD, Buddy Hill. MIRU Triple rig #22 and plugging equipment. Set steel working pit. SITP 400 psi, SICP 0 psi. Flowed down tubing. ND wellhead, 1 1/2 hrs. NU BOP. Released packer and POOH w/ 115 jts injection tubing and 5 1/2" packer. RIH w/ 5 1/2" HM tbg-set CIBP @ 3,653'. RU cementer, set CIBP @ 3,653', and circulated hole w/ mud. Pumped 25 sx C cmt 3,653 - 3,407'. PUH w/ tubing and pumped 25 sx C cmt 2,572 - 2,326'. PUH w/ tubing to 1,651' and pumped 25 sx C cmt @ 1,651'. PUH w/ tubing to 412' and SD for weekend.

06/4/07 Monday

Held safety meeting on RDMO. RIH w/ tubing and tagged cmt @ 1,429'. PUH to 444' and pumped 25 sx C cmt 444 - 198'. POOH w/ tubing. RIH w/ wireline and perforated casing @ 50', POOH w/ wireline. ND BOP and ND wellhead, circulated 40 sx C cmt 50' to surface. RDMO.

Cut off wellhead & anchors, installed dry hole marker, backfilled cellar.

**Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE  TITLE **James F. Newman, P.E. (Triple N Services)** DATE **06/07/07**

Type or print name
For State Use Only

APPROVED BY:  TITLE _____

Conditions of Approval (if any):

E-mail address: **jim@triplenservices.com** Telephone No. **432-687-1994**
OCD FIELD REPRESENTATIVE II/STAFF MANAGER

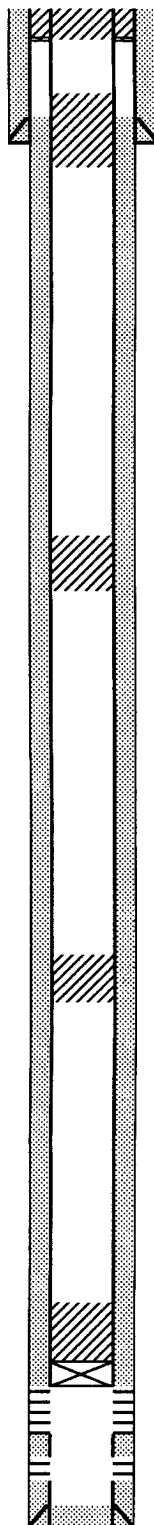
DATE **JUN 12 2007**

PLUGGED WELLBORE SKETCH **Marathon Oil Company**

Date: June 7, 2007

RKB @ 3,485'
 DF @
 GL @ 3,476'

Lease & Well No. : South Eunice Seven Rivers Queen Unit #405
 Legal Description : Unit Letter A, 660' FNL & 990' FEL
Section 35, T-22-S, R-38-E
 County : Lea State : New Mexico
 Field : South Eunice Seven Rivers Queen
 Spud : 4-Dec-67
 API Number : 30-025-09162



**Perf & sqz 25 sx C cmt 50' to surf,
 circulated cement**

**TOC 5 1/2" csg @ 360' (T.S.)
 9 5/8" 32# casing @ 391' w/ 250 sx, circ.**

25 sx C cmt 444 - 198'

7 7/8" hole

**Top Salt @ 1,632'
 25 sx C cmt 1,651 - 1,429' TAGGED**

**Base Salt @ 2,460'
 25 sx C cmt 2,572 - 2,326'**

**Circulated plugging mud
 25 sx C cmt on CIBP @ 3,653 - 3,407'
 Set CIBP @ 3,653'**

**Seven Rivers & Queen perforations 3,650 - 3,765' (squeezed w/ total 1,475 sx)
 Queen perforations 3,692 - 3,748' (squeezed w/ 100 sx)**

Queen perforations 3,770 - 3,776'

5-1/2" 15.5# @ 3,794' cmt'd w/ 1,035 sx, TOC 360' by T.S.



PLUGS SET 06/01/07 - 06/04/07

- 1) Set CIBP @ 3,653'
- 2) 25 sx C cmt on CIBP @ 3,653 - 3,407'
- 3) 25 sx C cmt 2,572 - 2,326'
- 4) 25 sx C cmt 1,651 - 1,429' TAGGED
- 5) 25 sx C cmt 444 - 198'
- 6) Perf & sqz 40 sx C cmt 50' to surf

Casing / Openhole Capacities

5 1/2" 15.5# csg:	7.485 ft/ft3	0.134 ft3/ft
5 1/2" 17# csg:	7.661 ft/ft3	0.131 ft3/ft
8 5/8" 20# csg:	2.733 ft/ft3	0.366 ft3/ft
8 5/8" 24# csg:	2.797 ft/ft3	0.358 ft3/ft
7 7/8" openhole:	2.957 ft/ft3	0.338 ft3/ft
12 1/4" openhole:	1.222 ft/ft3	0.819 ft3/ft

Formation Tops:

Anhydrite	1,458'
Top Salt	1,632'
Base Salt	2,430'
Yates	3,065'
7 Rivers	3,328'
Queen	3,690'

PBTD @ 3,787'
 TD @ 3,796'