

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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1301 W. Grand Ave., Artesia, NM 88210
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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. 30-025-37756
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: South Eunice Seven Rivers Queen Unit
8. Well Number 441
9. OGRID Number 14021
10. Pool name or Wildcat Eunice Seven Rivers Queen, South
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3495' GR
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. 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"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Plug back Grayburg/ RC to 7RQ <input checked="" type="checkbox"/>

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.

Marathon Oil Company has completed operations to plug back the Grayburg formation and re-complete the South Eunice Seven Rivers Queen Unit No. 441 to the Seven Rivers Queen pool. This well was formerly called E.S. Owens 26 No.1 as a grayburg producer in the non-unit pool. Please see attachment for details of well work 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 Charles E. Kendrix TITLE Reg. Compliance Rep DATE 03/23/2007

Type or print name Charles E. Kendrix

E-mail address: cekendrix@marathonoil.com

Telephone No. 713-296-2096

For State Use Only

APPROVED BY [Signature] TITLE _____ DATE APR 11 2007

Conditions of Approval, if any:

South Eunice Seven Rivers Queen Unit No. 441 **Re-completion to Eunice Seven Rivers Queen, South** (This well was formerly E.S. Owens 26 No 1 in the Grayburg formation)

02/09/07 MIRU PU. RU Reverse unit. Set frac tanks. Unbeam well and POOH w/ rods and rod insert pump. SI well.

02/12/07 Kill well. Installed BOPE. POOH w/ production tbg and BHA. RIH w/ 20 Jts 2 7/8" tbg for killstring. SI well.

02/13/07 POOH w/ killstring. RIH w/ 4 3/4" bit, & 5 1/2" csg scraper, on 132 jts 2 7/8" tbg. Did not tag. POOH w/ tbg, csg scraper, & bit. RIH w/ 5 1/2" CIBP to 3840'. Set CIBP. Circ hole clean w/ 100 bbls 2% KCL water. Pressure test CIBP & csg to 2000 psi. POOH w/ 4 jts tbg. RU McKlaskey Acid truck. Pump 5 bbls 7 1/2% Acid & spot w/ 19.75 bbls 2% KCL water. RD Acid truck. POOH w/ remaining tbg. SI Well.

02/14/07 RU Baker Atlas perf equip. RU & Test lubricator to 1000 psi. RIH w/ 3 1/8" gun carrier w/ 311T 23 gram charges w/ 120° phasing/ w/ collar locator. Get on depth and shoot top down in acid. Five intervals in 3 gun runs as follows:

Interval	Feet	Shots
3586' - 3594'	8'	16
3608' - 3612'	4'	4
3617' - 3620'	3'	6
3633' - 3646'	13'	13
3686' - 3696'	10'	10
Totals	38'	49 shots

Assemble dump bailer and RIH w/ top of CIBP dump cement on CIBP @ 3840'. Load casing and break down perfs w/ NEFE HCL 71/2% acid w/ 20 bbls water. RIH w/ 5 1/2" RBP w/ ball catcher, 5 1/2" pkr, 2 7/8" SN, on 115 jts 2 7/8" tbg. SI well.

02/15/07 Cont in hole w/ RBP w/ ball catcher, 5 1/2' pkr, & SN. Set RBP @ 3732' on 122 jts 2 7/8" tbg. PUH & set pkr @ 3658' on 120 jts. Load annulus above pkr w/ 12 bbls. Left annulus open to pit to observe for communication between upper and lower perfs. RU McClaskey acid truck. Test lines to 6000 psi. Pump 4 bbls water caught pressure. Establish rate of 4 BPM @ 2400 psi. Switched to acid. Pumped 10 bbls 15% HCL acid and flushed w/ 30 bbls water. Dropped ball sealers and well balled out @ 4,000 psi. Stop pumping and let well press fall to 920 psi. Started back Pumping and observed communication with upper perfs. Stopped pumping and closed casing valve to pit. Well went on vacuum. SI well. Unset pkr and PUH. Reset pkr @ 3506. Test casing annulus to 500 psi. Test treating lines to 6000 psi. Acidize all perfs 3586-3596 w/ 28 bbls of 15% NEFEHCL acid while dropping 75 ball sealers. Flushed w/ 40 bbls water. Had good ball action w/ well balled out @ 4000 psi. Unset pkr, retrieved RBP. PUH to 360'. Set RBP. POOH w/ tbg. Test BOPE blind rams and plug to 1000 psi. Remove BOPE, install frac valve. Pressure test frac valve, casing, wellhead, flow back manifold, and RBP to 2500 psi. Install BOPE. RIH w/ 12 jts tbg. Unset RBP. POOH Close frac valve remove BOP. SI well.

02/18/07 RU Halliburton frac equip. RU stinger tree. Open production casing annulus and leave open during frac job. Test surface lines to 6000 psi. Pump gel pad. Pumped 216 bbls to catch press, establish rate. Pumped 731 bbls frac w/ 1000 lbs mesh sand. Pumped 727 bbls gel w/ 73,080 lbs 20/40 sand. Pumped 168 bbls gel w/ 33,432 # 20/40 sand. Pumped 101 lbs gel w/ 22,841 # 20/40 sand. Pumped 84 bbls flush w/ 1412 # 20/40 sand as flush. Total 1943 bbls gel w/ 132659# 20/40 sand. RD Stinger tree saver. Shut in frac valve. RD Halliburton. SI Well.

02/19/07 CP=90 psi. Blew down casing. Remove frac valve. Install BOPE. RIH w/ 2 7/8" notched collar on 124 jts tbg. Tag sand fill @ 3770' (below bottom perf). RU Power swivel. Pump 360 bbls 2% KCL water w/ reverse unit, could not break circulation. Lay down power swivel. POOH w/ 9 jts tbg. Left bottom of tbg above perfs. SI well.

02/20/07 TP=200, CP=90, Blew down well pressure. POOH w/ tbg. RIH w/ notched collar, 2 flappers, 13 jts 2 7/8" tbg, 3 1/8" bailer, 2 7/8" perforated tbg sub, and 10 jts tbg. Shut down due to high winds.

02/21/07 TP=350, CP 420 psi. Blow down pressure, kill well w/ 20 bbls 2% KCL water. Cont in hole w/ tbg. Clean out Sand fill f/ 3770' to 3823' PBTd (top of cement on CIBP @ 3840). POOH w/ tbg, bailer, and notched collar. RU tbg tester. RIH while hydrotesting tbg. RIH w/ 2 7/8" collar, 2 jts 2 7/8" J-55 tbg, SN, Special Alloy jt, 6 jts 2 7/8" tbg, 5 1/2" tbg anchor, 114 jts 2 7/8" tbg. Set TAC @ 3480' w/ 12 pts tension, Seating nipple @ 3695', bottom of tbg @ 3757'. Install wellhead. SI well.

02/22/07 TP=20, CP=400. Blew down pressure. Kill well w/ 20 bbls 2% KCL water. RIH w/ rod insert pump & rods. at pump, load and test pump action. Leave well pumping to facilities @ 3:00 pm.