

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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. 30-025-25130
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

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-301) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name: Mark Owen
2. Name of Operator Marathon Oil Company	8. Well Number 7
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	9. OGRID Number 14021
4. Well Location Unit Letter N : 660 feet from the South line and 2310 feet from the West line Section 35 Township 21-S Range 37-E NMPM County Lea	10. Pool name or Wildcat Penrose Skelly Grayburg (50350)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3367' 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:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input 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: Re-complete to Grayburg	<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 San Andres formation, and re-complete the Mark Owen No. 7 to the Penrose Skelly Grayburg pool
Please see attached work summary for details of well work done.

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 07/18/2006

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 PETROLEUM ENGINEER DATE JUL 31 2006

Conditions of Approval, if any:

2A Eunice San Andres South

Mark Owen No. 7

Plug back San Andres Complete to Grayburg

- 02/17/2006 MIRU PU. POOH w/ rods & rod pump. Install BOPE. Unset TAC & POOH w/ production tbg. RIH w/ kill string. SI well.
- 02/20/2006 RU Baker Atlas wireline. Dump bail 20' of cement on CIBP @ 6550' to isolate Wantz Abo & Wantz Granite Wash perms. POOH w/ dump bailer. RIH w/ CIBP and collar locator. Set CIBP @ 3950' to isolate San Andres perms. POOH w/ wireline and setting tool. Load casing w/ 23 bbls fresh water, and pressure tests to 2000 psi. Held Press. Rig up Baker Atlas perforating equipment. Test lubricator to 1000 psi. Perforate Grayburg formation w/ 3 1/8" guns w/ 311T 23 gram charges w/ 1 JSPF, 120° phasing w/ three gun runs f/ four intervals as follows:
- | Interval | Feet | Shots |
|-----------|----------|----------|
| 3760-3784 | 24 | 24 |
| 3797-3803 | 6 | 6 |
| 3827-3845 | 18 | 18 |
| 3869-3873 | <u>4</u> | <u>4</u> |
| Totals | 52' | 52 shots |
- RIH w/ dump bailer. Dump 20' of cement on CIBP @ 3950' to isolate San Andres perms. RD Baker Atlas. RIH w/ 5 1/2" treating pkr, SN, and 119 jts 2 7/8" tbg. Set pkr @ 3674'. Load and test casing to 500 psi. Held Press. SI.
- 02/21/2006 RU acid pump truck. Test surface lines to 5000 psi. Pump 2100 gals 15% HCL Acid. Dropped 50 7/8" ball sealers. Well balled out to 4000 psi. Surged balls off perms. Pumped flush 30 bbls water. SI well. RD pump truck. Unset pkr. RIH w/ 7 jts tbg to knock ball sealers. SI well. RIH w/ 2 7/8" plugged perforated sub, SN, 1 Special Alloy jt, 7 jts 2 7/8" tbg, 2 7/8" X 5 1/2" TAC, on 119 jts 2 7/8" tbg. TAC set @ 3667' in 12 pts tension. SN @ 3915'. Bottom of tbg @ 3919'. PBTD @ 3930' w/ cement. RIH w/ rods & rod pump. Load & test pump action. Start well pumping.