

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. 30-025-37592
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: Marshall B
8. Well Number 13
9. OGRID Number 14021
10. Pool name or Wildcat Penrose Skelly Grayburg 50350

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	11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 3413'
2. Name of Operator Marathon Oil Company	
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	
4. Well Location Unit Letter <u>N</u> : <u>990</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>27</u> Township <u>21-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>	
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 ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Plug back San Andres Re-complete Grayburg ☒

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 completion in the W.S. Marshall B NO 13 well, and recomple the well to the Grayburg formation. Please see the attachment for details of well work.

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 02/12/2007

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 Geologist DATE MAR 08 2007
Conditions of Approval, if any:

W. S. Marshall B No. 13

Plug-back San Andres Re-complete to Grayburg

11/04/2006 MIRU PU. Leave SA completion producing to facilities until Monday.

11/06/2006 Stand by well left producing to facilities.

11/07/2006 Blew down & killed well. ND wellhead, NU BOPE, Torrus annular. RU spoolers. POOH w/ 136 jts 2 7/8" tbg, esp cable, 17 stage esp pump, 99 stage pump, 31 stage pump, seal, & motor. Laid down ESP. RD spoolers. RIH w/ kill string. SI well.

11/08/2006 POOH w/ kill string. RIH w/ & set CIBP @ 3950' on 129 jts 2 7/8" tbg. Circ hole. Test CIBP & csg to 2000 psi. Held press. PUH w/ 2 jts tbg. RU Acid pump truck. Pump 504 gals 10% Acetic Acid & displaced w/ 18 bbls water. Acid spotted over perf area. RD acid pump truck. POOH w/ tbg. SI well.

11/09/2006 RU wireline. Test lubricator to 1000 psi. RIH w/ 3 1/8" Triple fire slick gun carrier w/ 311T 23 gram charges, 1 & 2 JSPF, 120 ° phasing, w/ collar locator. Perforate top down in acedic acid w/ 2 gun runs in 5 intervals as follows:

Interval	Feet	Shots
3682' - 3688'	6'	12
3766' - 3770'	4'	4
3804' - 3810'	6'	12
3836' - 3840'	4'	4
3872' - 3876'	4'	4
Totals	24'	36 holes

Assemble dump bailer and dump 20' cmt on top of CIBP @ 3950'. RD wireline. Load casing broke down perforations w/ 1400 psi on acedic acid. Bled off press. RIH w/ 5 1/2" pkr on 2 7/8" SN, & 118 jts 2 7/8" tbg. Set pkr @ 3610'. L & T casing annulus to 500 psi. SI well.

11/10/2006 RU acid pump truck. Test surface lines to 5000 psi. Pump 2 bbls water to est. rate. Pump 2100 gals 15% HCL acid and flushed w/ 40 bbls water. Dropped ball sealers while pumping last of acid. Well did not ball out. SI well. RD acid pump truck. Bled off tbg press. Released pkr & RIH w/ 13 jts to knock off balls. POOH w/ tbg & pkr. RIH w/ RBP on 12 jts tbg. Set & tested RBP and BOPE blind rams to 1000 psi. Remove BOPE. Install frac valve. Pressure test frac valve, casing, wellhead, flowback manifold, and RBP to 2500 psi. Held press. RIH w 12 jts. Unset RBP. POOH. Close frac valve, remove BOPE. SI Well

11/14/2006 RU Halliburton frac equip. RU stinger tree saver. Test surface lines to 5000 psi. Start pumping gel pad established rate & pumped 1200 bbls pad. Pumped 860 bbls 2#/gal sand ramping to 8#/ gal sand. Pumped 46 bbls 8# / gal sand. Pumped 86 bbls flush. SI frac valve. Bled off surface lines. RD stinger tree saver. RD Halliburton frac equip. Total load to recover 2281 bbls w/ 200,080 lbs of 20/40 Ottawa sand w/ Halliburton additive Expedite 225 flow back control added. SI well.

11/15/2006 Remove frac valve. Install BOPE. RIH w/ 2 7/8" notched collar on 28 jts tbg. SI well

11/16/2006 Cont in hole tag top of sand @ 2576'. Circulate hole clean f/ 2576' to 3796'. POOH w/ 20 jts tbg. Leave 104 jts for kill string. SI Well.

11/17/2006 RIH w/ tbg. Tag sand fill @ 3796'. RU power swivel. Cleaned out sand f/ 3796' to PBTD @ 3927'. POOH w/ tbg. RU hydro tester. Test tbg in hole. RIH w/ 2 jts 2 7/8" J-55 tbg (open ended), SN, Special alloy tbg jt, 8 jts 2 7/8" tbg, 5 1/2" TAC, 115 jts 2 7/8" tbg, & 12' of 2 7/8" tbg subs. RD tbg tester. Set TAC in 15 pts tension @ 3569', SN @ 3846', & bottom of tbg string @ 3905'. RIH w/ rod insert pump and rods. SI well.

11/18/2006 Finished in hole w/ rods & pump. L & T pump action. Good pump action, but pumping unit is to long a stroke for pump. SI well.

11/20/2006 Shortened pumping unit stroke length, and started well pumping to facilities.