

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

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

Form C-103
May 27, 2004

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.)		WELL API NO. 30-025-37895
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Marathon Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487		7. Lease Name or Unit Agreement Name: W.S. Marshall B
4. Well Location Unit Letter <u>L</u> : <u>2310</u> feet from the <u>South</u> line and <u>1310</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>		8. Well Number 11
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3412' GR		9. OGRID Number 14021
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 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: Initial Well Completion Work <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 on the W.S. Marshall B No. 11 to complete and bring the well on production in the Penrose Skelly Grayburg pool. Please see 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 NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Charles E. Kendrix TITLE Reg. Compliance Rep. DATE 09/08/2006
E-mail address: cekendrix@marathonoil.com
Type or print name Charles E. Kendrix Telephone No. 713-296-2096

For State Use Only

APPROVED BY Chris Williams TITLE SUPERVISOR/GENERAL MANAGER DATE NOV 07 2006
Conditions of Approval, if any:

W.S. Marshall B No. 11 **Initial Completion Work (Penrose Skelly Grayburg)**

- 06/26/2006 RU Baker Atlas. Assemble CBL. RIH tag PBTB @ 4310'. Correlated CBL to Halliburton open hole log f/ 06/20/2006. Ran CBL f/ 4310 to 2300' f/ surface. RU 3 1/8" slick gun, w/ 311T 23 gram charges, w/ 2 JSPF, 120° phasing, w/ Collar locator. Perforate Grayburg formation in four intervals w/ 2 gun runs as follows:
- | Interval | Feet | Shots |
|---------------|-----------|-----------|
| 3793' – 3800' | 7' | 14 |
| 3804' – 3814' | 10' | 20 |
| 3824' – 3836' | 12' | 24 |
| 3840' – 3847' | <u>7'</u> | <u>14</u> |
| Totals | 36' | 72 holes |
- RD Baker Atlas perforating guns. RU Maclaskey pump truck. Pumped water to break down perms w/ acedic acid spotted earlier. Perfs broke down @ 1700 psi. Pumped in 4 bbls water. Bled down pressure and SI well.
- 06/30/2006 RU Halliburton frac equipment. RU Stinger tree. Well on vacuum. Start pumping 7 1/2% HCL acid. Pumped total of 94 bbls acid @ 10.3 BPM @ 1067 psi. Displaced acid w/ gel pad @ 42.2 BPM @ 2046 psi. Pumped total gel pad of 464 bbls. Pumped 820 bbls 1#/gal sand ramping to 9#/gal sand. Avg rate @ 46.4 BPM @ 1874 psi. Flush w/ 86 bbls. SI frac valve. Bleed off surface pressure. RD Stinger Tree saver. RD Halliburton. Total load to recover 1466 bbls acid and sand. Pumped 158,613 lbs Premium white 20/40 sand w/ expedite 225 flow back control additive. SI well.
- 07/04/2006 MIRU PU. RIH w/ 4 3/4" blade bit. Tag top of sand fill @ 4243'. PUH 3 jts. SI well.
- 07/05/2006 RIH w/ 3 jts 2 7/8" tbg. RU power swivel. Circ sand f/ 4343' to 4310'. Circulate hole clean. Laid down power swivel. POOH w/ tbg and bit. RIH w/ 2 jts 2 7/8" open ended tbg, SN, Special Alloy Jt, 5 jts 2 7/8" tbg, 5 1/2" TAC, on 118 jts 2 7/8" J-55 tbg. Pull BOP. Set TAC @ 3688' in 15 pts tension, SN @ 3878', bottom of tbg @ 3972'. Install wellhead. RIH w/ rod insert pump and rods. Install polish rod and stuffing box. SI well.
- 07/06/2006 Finish in hole w/ rods and pump. L&T pump action. RD PU. Leave well clamped off waiting on pumping unit.
- 07/11/2006 Set pumping unit. Hung off and spaced out rods, and started well to production facilities at 12:30 pm.