

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. 30-025-06825
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-101) 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: W. S. Marshall B
2. Name of Operator Marathon Oil Company	8. Well Number 8
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	9. OGRID Number 14021
4. Well Location Unit Letter L : 2310 feet from the South line and 400 feet from the West line Section 27 Township 21-S Range 37-E NMPM County Lea	10. Pool name or Wildcat Penrose Skelly Grayburg
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3420'	
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: **Plugback and add a Zone** ☒

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 has completed operations to Plug back the Blinebry Oil & Gas (06660) reservoir in the W. S. Marshall B No.8 well and re-completed to the Penrose Skelly Grayburg (50350) Please see the attached document describing the 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 Engineering Technician DATE 02/24/2005

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]

Conditions of Approval, if any:

PETROLEUM ENGINEER
TITLE 2H Blinebry Oil DATE MAR 02 2005

W. S. Marshall B No. 8

Unit L. Section 27, T-21-S, R-37-E
Lea County, New Mexico

- 11/05/2004** RU Pulling Unit. RU to pull rods and pump. RU Hot Oiler. Hot water down Tubing w/ 70 bbls water w/ Paraffin Chemical. POOH and laydown 61 – 7/8” and 167 – 3/4” and 9 – 7/8” steel rods and pump. ND well head. Install BOPE. Unset TAC.
- 11/06/2004** POOH and Talley 190 Jts production tubing. RIH w/ 4 3/4” bit and 5-1/2” scraper on 190 Jts tubing to 5976’. Change out 2-3/8” Pipe Rams to 2 -7/8” Pipe Rams. RIH w/ 20 Jts 2-7/8” tubing for kill string.
- 11/08/2004** RU Perforating equipment . Set CIBP w/ Gamma ray Logging tool. Set CIBP @ 5570’. POOH w/ wireline. Load and test casing and CIBP to 500 psi. RIH dump bail 20’ cement on top of CIBP. Top of Cement @ 5550’. Set RBP w/ collar locator. Set RBP @ 5090’. POOH w/ wireline. RIH w/ 3 -1/8” Slick Gun carrier w/ 311T w/ 23 gram charges w/ 4 JSPF, 90 deg phasing w/ collar locator. Perforate f/ 3746’-3752’. POOH with wireline. RIH w/ 3-1/8” Slick Gun carrier w/ 311T w/ 23 gram charges w/ 4 JSPF, 90 deg phasing w/ collar locator. Perforate f/ 3876’- 3880’ and 3886’- 3890’. POOH with wireline.. RIH w/ 3 - 1/8” Slick gun carrier w/ 311T w/ 23 gram charges w/ 4JSPF, 90 deg phasing w/ collar locator. Peforate f/ 3822’- 3830’ and 3832’ – 3840’. POOH with wireline. RIH w/ 3 -1/8” Slick Gun carrier w. 311T w 23 gram charges w/ 4 JSPF, 90 deg phasing w/ collar locator. Perforate f/ 3766’ – 3770’ and 3784’ – 3790’ POOH with wirline. RIH w/ 3- 1/8” Slick Gun carrier w/ 311T w/ 23 gram charges w/ 4 JSPF, 90 deg phasing w/ collar locator. Perforate f/ 3715’ – 3720’ and 3730’ – 3734’. POOH with wireline. RD Perforating equipment. Total of 196 holes. 5 runs.
- 11/09/2004** RIH w/ RBP, Packer, and 2 -7/8” work string. Set RBP @ 3935’ on 126 Jts. tubing. PUH w/ work string, packer. Packer swinging @ 3673’ on 118 Jts tubing.
- 11/10/2004** RIH. Set RBP @ 3805’ on 122 jts tubing. RU Acidizing equipment. Load tubing. Break down perforations @ 2104 psi. PUH w/ packer. Set packer @ 3641’ on 117 Jts. Start Acid. Acidized grayburg interval 3715’ – 3890’ using 3842 gals 15% HCL. RD acidizing equipment. RU Swab. RIH w/ Swab. Made 10 swab runs.
- 11/11/2004** RU swab. RIH w/ swab. Made 1 swab run. RD swab due to wind. Release packer. Circulate hole clean. RIH release RBP. POOH w/ 2 -7/8” tubing, packer and RBP.

W. S. Marshall B No. 8

Unit L. Section 27, T-21-S, R-37-E
Lea County, New Mexico

- 11/12/2004** POOH w/ kill string. Change out Pipe rams and equipment to run 3 -1/2" tubing. RU tubing tester to hydrotest 3 -1/2" tubing to 8000 psi. RIH w/ packer and 117 Jts 3 -1/2" work string. RD tubing tester. Set packer @ 3656' on 117 Jts 3 -1/2" tubing.
- 11/15/2004** RU Sand frac equipment. Open frac valve on tubing. Start pumping frac job. Break down perforations @ 27.3 Bpm @ 3262 psi. Start pumping pad. Pumped pad 772 bbls pad @ 29.7 BPM @ 2618 psi. Pumped 112 bbls 1#/ gal sand @ 30.1 bpm @ 2656 psi. Pumped 194 bbls 2# gal sand @ 29.9 bpm @ 2560 psi. Pumped 246 bbls 3#/ gal sand @ 29.8 bpm @ 2729 psi. Pumped 258 bbls 4#/ gal and @ 31.3 bpm @ 3624 psi. Pumped 21 bbls flush @ 29.4 bpm @ 5713 psi. Shutdown pumping due to sand screen out. RD frac equipment. Install pressure gauge on tubing frac valve.
- 11/16/2004** RU swab. RIH w/ swab. Hit top of sand fill @ 3550'. POOH. RD swab. RU reverse unit. Pump down tubing into perforations. Pressured tubing to 1600 psi. Pumped 35 bbls water down tubing into perforations. Unset packer. POOH w/ 3 -1/2" work string and packer. Change Pipe rams from 3 -1/2" to 2 -7/8" Rams. RIH w/ retrieving head and 140 Jts 2 -7/8" tubing for kill string.
- 11/17/2004** RIH w/ retrieving head and 152 jts 2-7/8" tubing. Tagged top of sand fill @ 4753' w/ 152 Jts tubing. RU Swivel. Circulate sand reverse with water from 4753' to 5090' (Top of RBP @ 5090'). Circulate hole clean. Release RBP. POOH w/ 2-7/8" tubing, retrieving head and RBP. RIH w/ Mother Hubbard Mud Joint, seating nipple, special alloy tubing joint and 30 jts 2-7/8' production tubing.
- 11/18/2004** Unload rods and pickup tubing and pipe racks. FIH w/ 87 jts 2-7/8" tubing. (Total of 118 joints above seating nipple). TAC @ 3616', Seating nipple @ 3680 and bottom of tubing @ 3711'. Set TAC w/ 12,000 # tension. Remove BOPE. Install well head. Change out equipment to run rods. RIH w/ 2" Rod insert pump and 10 -1" steel rods, 90- 7/8" steel rods and 45 -1" steel rods. Seat pump. Space out pump. Hang well on. Load and test pump. RU flowline.
- 11/19/2004** RDMO pulling unit. Start moving and setting pumping unit.