

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. 30-025-12124
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: Edith Butler A
8. Well Number 1
9. OGRID Number 14021
10. Pool name or Wildcat Paddock (49210)

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.) 3336' GR
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>L</u> : <u>1980</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>18</u> Township <u>22-S</u> Range <u>38-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 Blinebry Recomplete Paddock ☒

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 Blinebry formation in the Edith Butler A #1, and recomplete to the Paddock formation. 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 07/20/2006

Type or print name Charles E. Kendrix

E-mail address: cekendrix@marathonoil.com
Telephone No. 713-296-2096

PETROLEUM ENGINEER

For State Use Only

APPROVED BY [Signature] TITLE _____ DATE AUG 16 2006

Conditions of Approval, if any:

2A Blinebry Oil

Edith Butler A No. 1

Plug back Blinbry Re-complete in Paddock

- 03/13/2006 MIRU PU. POOH w/ rods & rod pump. Install BOPE. Unset TAC. POOH w/ 165 jts 2 3/8" tbg, TAC, 12 jts 2 3/8" tbg, 1 ceramic jt, SN, & mud jt. RIH w/ 4 3/4" bit, 5 1/2" casing scraper & 20 jts 2 3/8" tbg. for kill string. SI
- 03/14/2006 Cont in hole w/ bit & casing scraper to 5490'. POOH w/ bit & scraper. RIH w/ CIBP. Set CIBP @ 5435'. PUH 4 jts circ hole clean w/ 90 bbls fresh water. Pressure test CIBP & casing to 1000 psi. Held Press. RU acid truck w/ 20 bbls Acedic acid. Spot acid f/ 4402'-5242. Rig down acid truck. POOH w/ tbg & setting tool. Closed blind rams to shut in well.
- 03/15/2006 RU Baker Atlas wireline. Install & test lubricator to 1000 psi. RIH w/ Logging tool. Run GR/CCL/CNL log f/ PBTD @ 5434' to 2400'. POOH w/ wireline logging tools. Perforate well w/ 3 1/8" slick guns w/ 311T 23 gram charges w/ 1 JSPF, 120° phasing, w/ collar locator (perforated in acedic acid) Perforated six intervals in three gun runs as follows:
- | Interval | Feet | Shots |
|-------------|------|----------|
| 5110'-5114' | 4' | 5 |
| 5136'-5140' | 4' | 5 |
| 5160'-5164' | 4' | 5 |
| 5176'-5180' | 4' | 5 |
| 5196'-5200' | 4' | 5 |
| 5236'-5240' | 4' | 5 |
| Totals | 24' | 30 shots |
- RIH w/ dump bailer. Dumped 20' cement on CIBP @ 5434'. New PBTD @ 5414'. RD Baker Atlas. Close blind rams to SI well.
- 03/16/2006 Change out equipment and BOP to 3 1/2' rams. Laid down 2 3/8" tbg. RIH w/ 5 1/2" pkr on 3 1/2" work string. Hydro-testing tbg to 8000 psi. Set Pkr @ 3009' on 96 jts 3 1/2" tbg. Load & test casing annulus to 500 psi. Held Press. RU Macklasky pump truck. Test surface lines to 5000 psi. Start pumping water break down perfs @ 2000 psi. displace acedic acid w/ 30 bbls fresh water. RD pump truck. SI well. RDMO PU. Waiting on sand frac for Paddock.
- 03/24/2006 MIRU PU. SD.
- 03/25/2006 RU Halliburton Frac Equipment. Test surface lines to 9000 psi. Start pumping acid. Pumped 2000 gals 7 1/2% HCL acid. Displace acid w/ 70 bbls gel. Wait on acid for five minutes. Establish rate of 25.2 BPM @ 3300 psi. Pumped 355 bbl pad. Pumped 314 bbls 1#/gal sand ramping up to 5#/gal sand @ 26 BPM @ 4043 psi. Cut to flush on 3# sand, 190 bbls short. Pumped 63 bbls flush. Stopped flush short due to maximum press of 5034 psi. Shut in Frac valve. RD Halliburton. Total load to recover 779 bbls acid & sand frac load. Pumped 32,045 lbs Premium Brown 16/30 sand w/ Halliburton Expedite 225 added. SI well.

03/27/2006 SITP=550 psi. Blow down tbg press. Unset pkr. POOH laying down 3 1/2" work string. Change out BOP rams to 2 7/8". RIH w/ notched collar, and 157 jts 2 7/8" tubing. Leave tubing above perfs. SI well.

03/28/2006 Cont in hole w/ 2 7/8" tbg. Tag top of sand fill @ 5230'. Circ well clean w/ reverse unit to 5414' PBTD. POOH w/ tbg & notched collar. RIH w/ Mud jt. SN, 1 special alloy jt, 2 jts 2 7/8" tbg, 5 1/2" TAC, 159 jts 2 7/8" tbg. TAC @ 4956', SN @ 5049', Bottom of tbg @ 5080'. Set TAC in 15 pts tension. SI Well.

03/29/2006 Remove BOP. Install wellhead. RIH w/ rod pump & rods. Load and test pump action. RDMO PU. Waiting on pumping unit to be set.

03/31/2006 Set Pumping Unit and Started well producing to facilities.