

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
**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

**RECEIVED**  
**NOV 10 2008**  
**OIL CONSERVATION DIVISION**  
**HOBBS (11)**

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-025-33919</b> ✓	
5. Indicate Type of Lease STATE <input type="checkbox"/> <b>FEE</b> <input checked="" type="checkbox"/> ✓	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name <b>BERTHA BARBER</b> ✓	
8. Well Number <b>#16</b> ✓	
9. OGRID Number <b>14021</b> ✓	
10. Pool name or Wildcat <b>Monument ; Abo</b> ✓	

**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** ☒ Gas Well ☐ Other ☒

2. Name of Operator  
**Marathon Oil Company** ✓

3. Address of Operator  
**P.O. Box 3487 Houston, Texas 77253-3487** **Mail Stop #3308**

4. Well Location  
Unit Letter **'K'** **2140'** feet from the **South** line and **1650'** feet from the **West** line  
Section **5** Township **20-S** Range **37-E** NMPM County **LEA** ✓

11. Elevation (Show whether DR, RKB, RT, GR, etc.  
GL: **3354'** / KB: **3570'**

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"/>
<b>TEMPORARILY ABANDON</b> <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <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 is requesting a Temporary Abandonment status for the above mentioned well, Bertha Barber #16.**

Procedure:

- **RU WSU. POOH**
- **RIH with tubing conveyed CIBP and set same at 5590'.**
- **Circulate casing full of fresh water and test same to 500 psi per regulatory requirements.**
- **POOH laying down tubing. RD WSU.**

**\*NOTE:** Fresh water to be used, no solids or waste will be generated.

Condition of Approval : Notify OCD Hobbs office 24 hours prior to running MIT Test & Chart

NMOCD T/A WELL TEST WILL BE ACCEPTABLE ONLY WHEN WELL IS AS IT WILL BE LEFT FOR T/A PERIOD.

Rig Release Date:

The rig release date estimated to be November 2008.

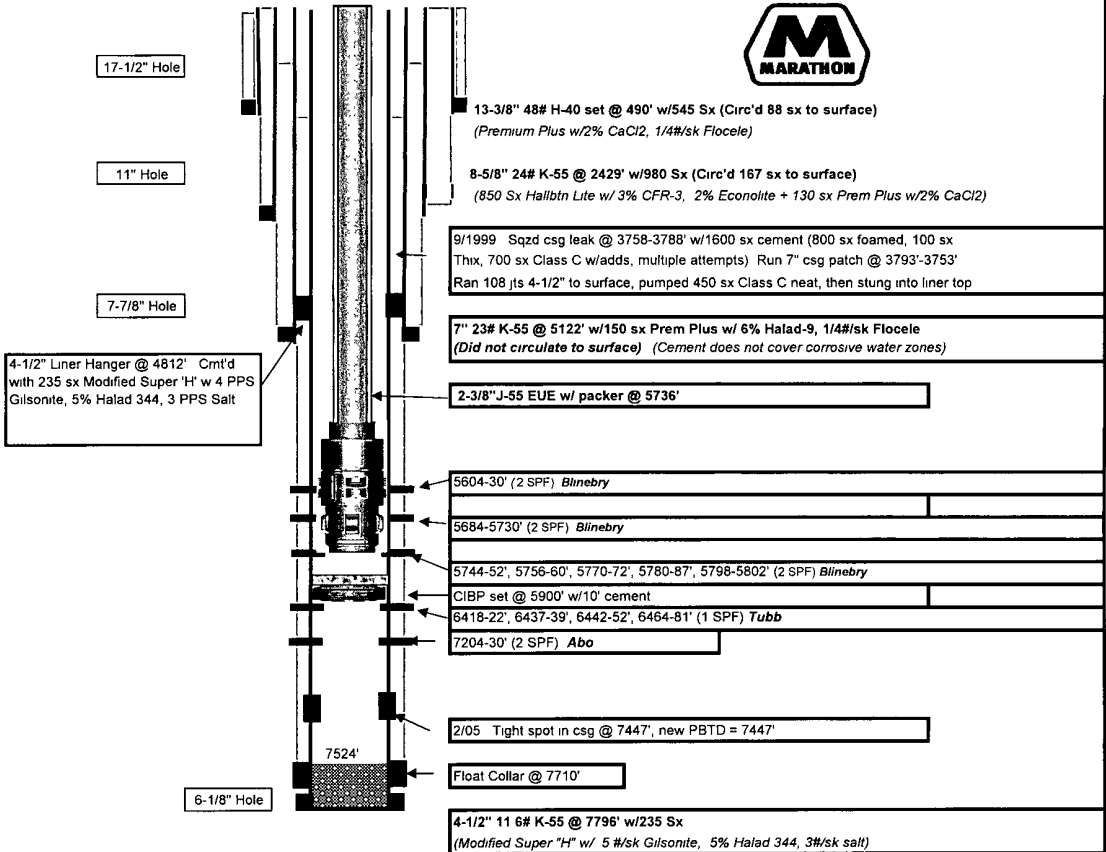
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rick R Schell TITLE: Regulatory Compliance Representative DATE: 4-NOV-2008

Type or print name: Rick R Schell E-mail address: RRSCHELL@MarathonOil.com PHONE: 713-296-3412

For State Use Only  
APPROVED BY: [Signature] TITLE: OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE: NOV 13 2008  
Conditions of Approval (if any):

Well Name & No		BERTHA BARBER NO 16		Field	MONUMENT		Date 10/10/08	
County	LEA	API	3002533919	State	NEW MEXICO	By	R S Bose	
Spudded	12/28/1997	Comp Drlg	1/18/1998	Location	2140' FSL & 1650' FWL, Section 5, Township 20S, Range 37E, UL 'K'			



GL 3554' KB 3570'  
PBTD 5880 TD 7800'

Well History

June '97	Perf'd Abo (2 SPF) @ 7204-30' RIH & set treating packer @ 7240' Spot acid across perfs, then acidized w/ 2000 gal 15% Ferchek w/600 ball sealers Max PSI= 6000, Min PSI = 5352, Max Rate = 3 1, avg rate = 2 1, avg PSI = 5733 ISDP = 4460, 5 min = 1521, 10 min = 710 Made 5 swab runs and well kicked off flowing 68 BO, est gas rate 1 mmcfpd on 24/64" choke, FTP = 600/800 psi
Sept '99	Squeezed csg leak @ 3758-3788' w/1600 sx cement (800 sx foamed, 100 sx Thix, 700 sx Class C w/adds, multiple attempts) Run 7" csg patch @ 3793'-3753' Ran 108 jts 4-1/2" to surface, stung into liner, pumped 450 sx Class C neat
Oct '99	Spot acid across Tubb interval Perf Tubb from 6418-22', 6437-39', 6442-52', and 6464-81' @ 1 JSPF, total 66 holes RIH w/ RTTS packer and set @ 6321' Acidized Tubb perfs 6418-81' with 3000 gals 15% Ferchek SC dropping 125 ball sealers, balled out after 90 balls Max pressure = 6730, avg pressure = 3739 psi, max rate 5 bpm, avg rate 4 5 bpm ISIP = 3836 psi, 5 min = 2106, 10 min = 1591, 15 min = 1308 psi Blew well down to frac tank and flowed 120 bbls oil to frac tank, FTP = 200 psig on 72/64" choke Frac Tubb perfs in 3 stages screening out at 8000 psig with max sand conc of 4 4 ppg and total of 32,224# sand Stage 1 - Pumped 20,000 gals Delta frac with avg press 5,267 @16 8 bpm Stage 2 - 10,628 gals w/ 2 6 ppg sand, avg press 6,752 @ 18 1 bpm Stage 3 - 2,340 gals w/4 ppg sand, avg press 7,746 @ 17 4 bpm Screen out @ 8000 psig Flowed 80 bbls frac load & sand to frac tank and well died RIH and tagged sand @ 7037' RIH w/ 2-3/8" prod tubing Swab well w/ avg oil cut of 40% RIH w/ pump & rods TAC @ 6062', SN @ 6349', btm tubing @ 6382' 11/1/99 Test 41 BO, 68 MCF, 2 BW in 24 hours on pump
Jan '00	MIRUPU POOH w/rods & tubing RIH, tag fill @ 6911' Clean out w/ foam air to 7100' (RBP) POOH w/ RBP RIH w/ treating packer and set @ 7124' Pump 4000 gals 15% acid w/ 40 BS Swab Release pkr, RIH to 7364' Swab POOH w/ tubing & pkr RIH w/ 2-3/8" tubing ND BOP Set TAC and NU wellhead RIH w/ pump & rods
May '07	MIRUPU POOH w/rods & tubing RIH w/ CIBP and set at 5900' & dumped 10' cement on top Selectively perf Blinebry from 5604-5802' RIH w/ treating packer and set @ 5505' Pump 8000 gals 15% HCl acid w/ 352 BS, had good ball action & ball out to 5000 psig Swab Release pkr & POOH RIH w/ tubing and rods and PWOP Well produced 630 bwpd with FL @ 4295' NFAP
July '07	MIRUPU POOH w/rods & tubing RIH w/ CIBP and set at 5737' RIH w/ tubing, pump & rods and PWOP Well produced 680 bwpd with FL @ 4192' NFAP
Sept '07	MIRUPU POOH w/rods & tubing RIH w/ CIBP and set at 5670' RIH w/ tubing, pump & rods and PWOP Well produced ~650 bwpd with high FL
Mar '08	Dnrl-out CIBP @ 5672 and 5738' RIH with tubing and packer Set pkr @ 5736' and swab test RDMO