

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA  
**COPY**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

APR 15 2010

5. Lease Serial No. NM-05608  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Marathon Oil Company

3a. Address  
5555 San Felipe Mail Stop #3308  
Houston, Texas 77056

3b. Phone No. (include area code)  
713-296-3412

7. If Unit of CA/Agreement, Name and/or No.  
NM-91035

8. Well Name and No.  
Bone Flats Federal Com 12, #5

9. API Well No.  
30-015-28847

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
UL 'F', 1,980' FNL & 1,650' FWL, Section 12, T-21S, R-23E

10. Field and Pool or Exploratory Area  
South Dagger Draw / Upper Pen Associated

11. Country or Parish, State  
U.S.A. - Eddy County, New Mexico

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input checked="" type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other 'MIT'-Chart Attached
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

After 1-1-2010 the well must be online  
or plans to P & A must be submitted.

\*\*\* Marathon Oil Company has tested the casing on the BONE FLATS 12, FEDERAL COM No. 05, on 03-20-2009, from approximately 9:00AM -11:30PM, to approximately 550psi as a condition of approval for a prior request to T/A the above named well. The test shows that the above named well held pressure at approximately 550psi for the recorded period with no loss. Marathon personnel notified the appropriate agency 24-hours in advance prior to testing. The test was witnessed by on site personnel and a 'BLM' representative. Please see attached, Copy, and Original Test Chart with signatures and dates.

Accepted for record  
NMOCD *DI*

CC: NMOCD, BGG, JAV, RRS, WRF, FIELD

*well is approved to be T/A till 1/1/2010*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Rick R. Schell

Title Regulatory Compliance Representative

Signature

*Rick R. Schell*

Date 03/26/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

/s/ JD Whitlock Jr

Title

*LPET*

Date

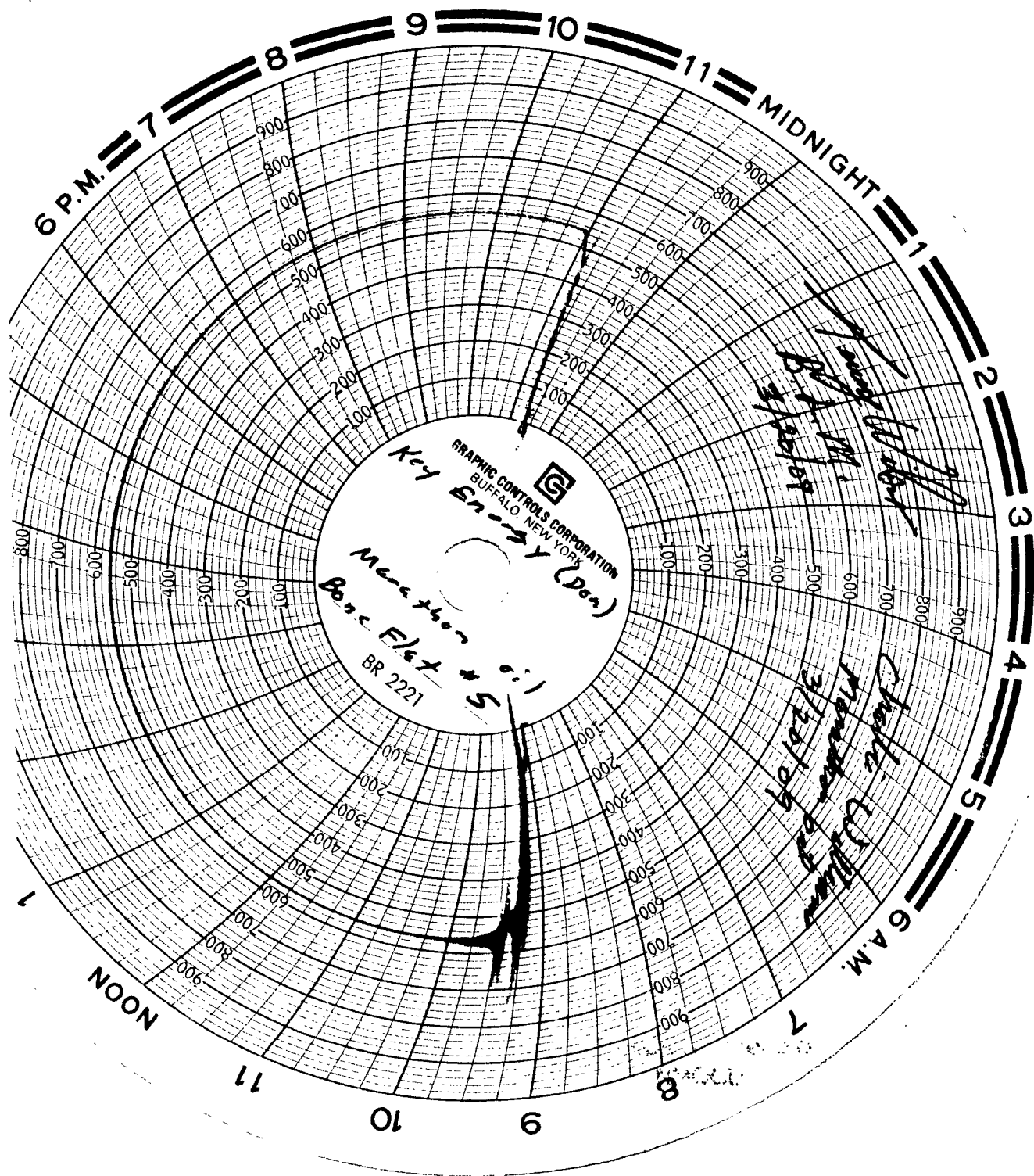
*4/13/09*

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

*CFO*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**  
**OCD-ARTESIA**  
**FEB 24 2009**

FORM APPROVED  
OMB No 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

Serial No.  
NM 05608

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

7. If Unit of CA/Agreement, Name and/or No  
NM 91035

8. Well Name and No  
BONE FLATS FEDERAL COM-12, #5

9. API Well No  
30-015-28847

10. Field and Pool or Exploratory Area  
South Dagger Draw Upper Pen Associated

11. Country or Parish, State  
EDDY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
MARATHON OIL COMPANY

3a. Address  
5555 SAN FELIPE Mail Stop #3308  
HOUSTON, TEXAS 77056

3b. Phone No. (include area code)  
713-296-3412

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
UL "F", 1980' FNL & 1650' FWL SECTION 12, T 21-S, R 23-E

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

\*\* Marathon Oil Company is requesting a Temporary Abandonment status for the above named well. Justification: Current oil pricing precludes further risky completions. Wellbore may be needed for SWD at a future date. Wellbore does not pose an environmental risk. Proximity of wellbore is not located in an environmentally sensitive area, or near a resident or population.

NOTE: (Wait, for 'BLM'-Approval)  
(Estimated Spud & Rig Release: FEB 2009)

**Procedure:**

- Wait on permit approval before beginning this work.
- RIH with tubing conveyed CIBP.
- MIRU Coiled tubing unit and kill truck.
- Kill well with fresh water.
- POOH with 1 1/4" coiled tubing and gas lift plunger system.
- RD coiled tubing unit.
- MIRU pulling unit and reverse unit.
- Kill well with fresh water.
- Install and test 3000# BOP.
- POOH with 2 7/8" tubing and lay down gas lift mandrel.

- RIH with tubing conveyed CIBP.
- Set CIBP at 7,440'.
- POOH laying down tubing.
- Load casing with fresh water.
- Test casing and CIBP to 500 psi per regulatory requirements.
- Make sure chart recorder is installed before pressure test.
- Send in pressure test chart to regulatory department for filling.
- Bull plug well head.
- RDMO.

Accepted for reco  
NMOCB

\*Note: Fresh water to be used, and no solids or waste are to be generated. There are no plans to remove any fluids from the well during this work, we plan to top off the well with fresh water once the plug is set. The only fluid on location during this work will be fresh water.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

RICK R. SCHELL

RRSCHELL@MarathonOil.com

Title REGULATORY COMPLIANCE REPRESENTATIVE

Signature

*Rick R. Schell*

Date 02/09/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*/s/ JD Whitlock Jr*

Title

*LIE7*

Date

*2/20/09*

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

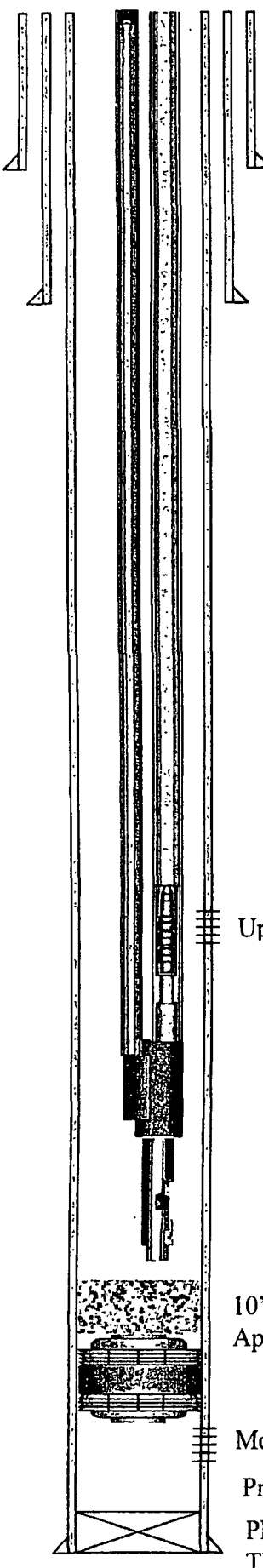
*CFO*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

*Approval Subject To MIT*



Spud: 10/9/96  
G.L. Elev.: 3788'  
K.B.: 3803.5'

Bone Flats Federal "12" #5  
Updated 08/30/05  
1980' FNL and 1650' FWL  
UL "D", Section 1, T-21-S, R-23-E  
Eddy County, New Mexico  
API No.: 30-015-28847

Conductor Casing: 16' of 13 3/8";  
Cmt to surface

Intermediate Casing: 28 Jts., 9 5/8"  
Set at 1210', Did not circ., Cmt to surface via 1"

Upper Penn Perforations: 7487-7500, 7511-7526, 7557-7565, 7754-7830, 7857-7878

10' cement on top of CIBP set @ 9198'  
Approx. PBTD @ 9188'

Morrow Perforations: 9466'-9478', 9492'-9498' & 9502'-9512'.

Production Casing: 7" Set at 9675', Cmt. W/1210sks. Circ. 200 sks.

PBTD: 9198'  
TD: 9675'

Bone Flats Federal "12" No. 5  
Well History

- 03/08/97:** Drilled and completed well as a 9,600' Morrow/Upper Penn development well, with 7" casing landed at 9675', PBTD of 9618' and Morrow perms from 9466'-9478', 9492'-9498' & 9502'-9512'.
- 11/04/98:** Recomplete well in Middle & Upper Morrow, test, then recomplete as Upper Penn producer. Perforated Morrow from 9250'-9260'. Swabbed & tested. Perforated Morrow from 9330'-9338' & 9405'-9421'. Swabbed & tested. L/D Morrow production equipment. RIH & set CIBP at 9198', isolating Morrow pay zones. Dump bailed 10' of cement on top of CIBP. Perforated Upper Penn zones from 7878'-7857', 7830'-7754', 7565'-7557', 7526'-7511', & 7500'-7487'. Acidized perms via PPI tool w/ 125 gpf 15% HCl. Swabbed well. Installed rod pump equipment.
- 06/27/99:** Acidize well. Pulled rods & pump, lots of paraffin, had to hot oil tubing & rods to pull out of hole. Treated well w/1500 gals 20% HCl down tubing. Re-ran rod pump equipment.
- 07/13/01:** Pull rod pump equipment and install gas lift assist equipment.