

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA  
FEB - 3 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.**

<b>SUBMIT IN TRIPLICATE – Other instructions on page 2.</b>		5. Lease Serial No NM-05608
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator Marathon Oil Company		7. If Unit of CA/Agreement, Name and/or No NM-91035
3a. Address 5555 San Felipe / Mail Stop #3308 Houston, Texas 77056	3b. Phone No. (include area code) (713) 296-3412	8. Well Name and No BONE FLATS FEDERAL 12, #2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UL-"E", 1980' FNL & 660' FWL, Section 12, Township 21-S, Range 23-E    Latitude 32 494790 & Longitude 104 562010		9. API Well No. 30-015-28304
		10. Field and Pool or Exploratory Area Indian Basin-S. Dagger Draw / Upper Pen-Associated
		11. Country or Parish, State Eddy

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 checked="" type="checkbox"/> Other Re-Evaluate!
	<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 recompleat 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 recompleat 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 request approval to Temporarily Abandon the above named well. This well is currently uneconomical to produce, and being re-evaluated regading its future plans for production. Please see details for the requested work posted below.

PROCEDURE:

- \*Wait on permit approval before beginning this work.
- \*MIRU coiled tubing 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 3000# BOP.
- \*POOH with 2-7/8" tubing and lay down gas lift mandrel.
- \*RIH with tubing conveyed CIBP.
- \*Set CIBP at 7,730'.

- \*POOH laying down tubing.
- \*Load casing with fresh water.
- \*Make sure chart recorder is installed before pressure testing.
- \*Test casing and CIBP to 500psi per regulatory requirements.
- \*Send in pressure test chart to regulatory department.
- \*Bull plug well head.
- \*RDMO.

After 6-1-09 the well must be online  
or plans to P & A must be submitted.

Accepted for record  
NMOC

cc: BLM, BGG, RRS, WRF, FIELD

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Rick R. Schell	Title Regulatory Compliance Representative
Signature <u>Rick R. Schell</u>	Date 01/16/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /s/ JD Whitlock Jr	Title LPET	Date 1/31/09
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

Spud: 02/22/95  
G.L. Elev.: 3787'  
K.B.: 3803'

Bone Flats #2  
1980' FNL and 660' FWL  
UL "E", Section 12, T-21-S, R-23-E  
Eddy County, New Mexico

Conductor Casing  
16" Set at 76'. Cmt to  
surface w/ Redi-Mix

Surface Casing  
9 5/8" 36# Set at 1212', Cmt.  
w/ 800 sks. Circ. 350 sks.

Gas Assist Plunger Lift Tubing Assembly consisting of:

255 jts 2 7/8" 6.5#, J-55 8rd EUE tubing to 7920'

1 - 2 7/8" x 1 1/4" gas assist mandrel

1 - 2 7/8" seating nipple

1 - 2 7/8" tubing sub

1 1/4" alloy coiled tubing from 7923' (gas assist mandrel) to surface

Perforations: 7774'-7848', 7876'-7894' (2 jsfp)

Broken Gas Lift Assist Plunger assembly. Top of fish  
@ 7693' (sandline depth) or 7715 (slickline depth).

Gas Lift Mandrel

Standing Valve @ 7940'

Production Casing  
7" 23 & 26# Set at 8000',  
Cmt. W/1200 sks. Circ. 110

PBTD: 7954'  
TD: 8000'

