

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

JUN 23 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.

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 Houston, Texas
Mail Stop #3308 77056

3b. Phone No. (include area code)

713-296-3412

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL 990' - 990' "D" FNL FWL

Section 12, T 21-S, R 23-E

Latitude 32 379220
Longitude 103 109720

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

8. Well Name and No.

Bone Flats 12, #1

9. API Well No.

30-015-28021

10. Field and Pool or Exploratory Area

South Dagger Draw / Upper Pen Associate

11. Country or Parish, State

U.S.A. Eddy, 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 type="checkbox"/> Other
	<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 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 has completed operations to test the casing on the Bone Flats 12, #1 well on 05/29/2009, at 1015hrs, for the attached charted period per "BLM" requirements and conditions of approval, for a prior request to T/A the above described well. Note, this well integrity test was witnessed by the assigned field personnel and "BLM" Inspector. Included for your review is the original 'Well Integrity Chart', and the most current wellbore, as left.

After 10/30/09 the well must be online or plans to P & A must be submitted.

Accepted for record
NMOCB

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 06/09/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ JD Whitlock Jr

Title

LRET

Date

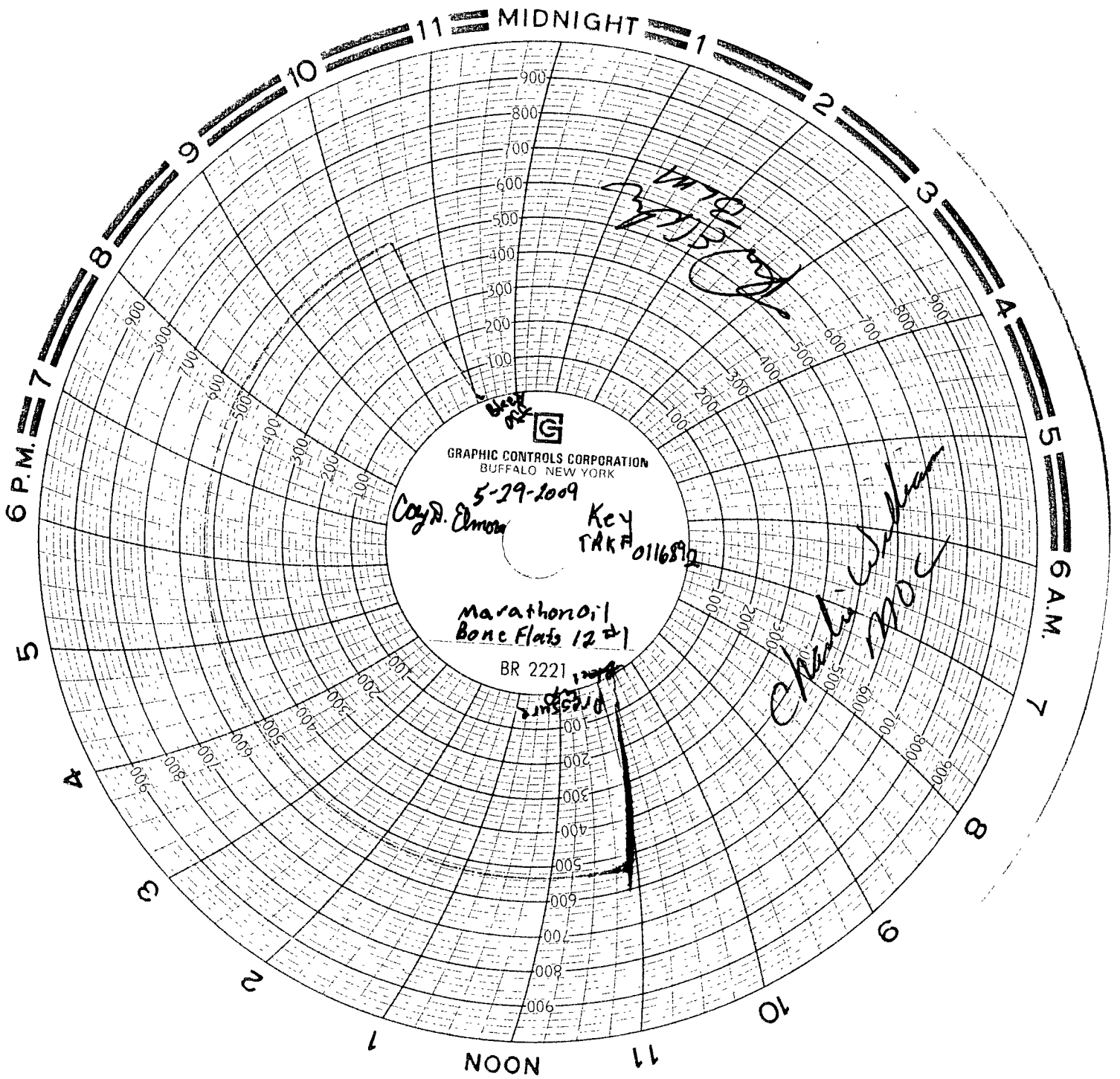
6/22/09

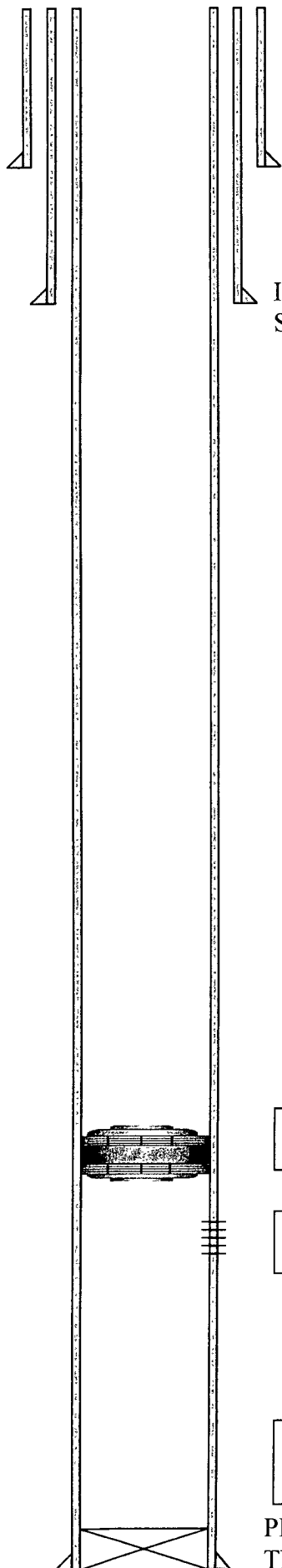
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

CKO

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: 07/08/94
K.B.: 18'

16" Conductor Casing
Set at 52', Cement to Surface
W/readi-mix.

Intermediate Casing: 28 Jts., 9 5/8" 36#, J-55 Csg.
Set at 1230', Cmt. W/800 sks., Circ. 300 sks.

Bone Flats Federal "12" No 1
Updated: 8/30/05
U.L. "D", 990' FNL, 990' FWL
Sec. 12, T-21-S, R-23-E
Eddy Co., N.M.
Lease No.: NM-05608
API No.: 30-015-28021

CIBP Set at 7456' w/ 10' of Cement Dump Bailed On Top

Perforations: 7506'-26', 7550'-68', 7740'-55', 7773'-808', 7858-7900.

Production Casing: 185 Jts., 7" 23#, Csg.
Set at 8090', Cmt. W/1035 sks., Circ. 88 sks.

PBTD: 8080'
TD: 8090'

Bone Flats "12" Federal No. 1 Well History

- 7/8/04:** Drilled and completed as an Upper Penn development well with 7" casing, PBTD of 7978'. Spot 300 gallons of 20% HCL at 7858'. Perforated 7" casing at 7858'-70' with 2 SPF. Swabbed and tested perforations with no oil cut. Set cement retainer at 7848' and squeezed perforations with 100 sacks of cement. Perforated Canyon at 7740'-7755'; 7773'-7808' with 2 SPF. Set RTTS at 7712' and acidized perforations with 3500 gallons of 20% NEFE. Ran production packer.
- 8/13/94:** Acidize perforations 7740-55' & 7773-7808' with 1000 gallons of 15% NEFE acid.
- 12/21/94:** POOH with Baker LOC-SET production packer. RIH with tubing and tubing anchor. RIH with 1 3/4" insert pump on 99 1 1/4" fiberglass and 155 1" rods. Installed Lufkin C640-305-120 with 8495B cranks.
- 6/10/95:** Acidized Canyon perms via PPI w/10375 gals. Returned to rod pump.
- 11/5/95:** Change out bad insert pump.
- 12/1/95:** Rod part. Parted in 10th fiberglass rod. Visually inspected fiberglass rods and laid down 4 bad rods.
- 2/8/96:** Rod part. 5th fiberglass rod.
- 3/23/96:** Rod part. Parted in 28th fiberglass rod. Visually inspected fiberglass rods and laid down 12 bad rods.
- 4/16/96:** Rod part. 66th fiberglass rod.
- 5/1/96:** Rod part. 90th fiberglass rod.
- 7/10/96:** Change out bad insert pump. Lots of paraffin noted.
- 1/21/97:** Well not pumping. Unseated pump. Noticed casing had 1200# on back side. Found casing valves closed. Re-seated pump. Opened up casing valves. Well pumped up OK.
- 2/3/97:** Well not pumping. Hot oil treated well. Pumped up OK
- 5/12/98:** Rods unscrewed. Lower rods & screw on to fish. Tighten rods & long stroke pump 3-4 times. Good pump action.
- 9/8/98:** Reported as parted. Long stroked w/good pump action. Rods not parted! Load and test tbg to 600 PSI.
- 9/11/98:** Tubing leak. Scanalugged tubing. Laid down 48 jts total. Mostly rod wear. Installed 38 rods with molded on rod guides.
- 3/6/99:** Work over to perforate and acidize lower Canyon & Cisco. POOH scanalugging tubing. 152 jts yellow band, 87 jts blue band, 9 jts green band. Tagged retainer @ 7858'. Drilled out retainer. Cleaned out hole to 8080'. Circ hole clean. Perforated upper Penn from 7858'-7900', 7766' - 7808', 7740'-55', 7550'-7568', 7506'-26' w/4 jspf 120 deg phasing. RIH w/PPI tool and acidized lower Canyon perms w/3000 gals 15% HCl using 120 ball sealers. Treated perms

7708' – 7506' in 2' increments w/50 gpf 15% HCl for a total of 5000 gals. Retrieved ball catcher and swabbed well. Ran bit & scraper to 8052'. Bailed out fill from 8052' to 8080'. RIH with production string. Put on rod pump. Kicked well off to station.

- 5/8/99:** Upsize pump. POOH w/rods & pump. Hot oiled due to heavy paraffin. Laid down 1 1/4" pump. RIH w/2" pump with 1 1/4" x 8' gas anchor. Load and test tubing. Notify pumper. Kicked well off to station.
- 5/20/99:** Reported as rod part. POOH w/ pump & rods, not parted. X/O pump. RIH with pump & rod string. Load & test to 500 PSI. Notified pumper. Kicked well off to station.
- 12/3/99:** Pump change. POOH w/rods & pump. Standing valve not holding. RIH w/1 3/4" insert. Load & test tbg. Notified pumper. Kicked off to station.
- 4/12/00:** Reported as tubing leak. MIPU, did not rig up. Load tubing and test to 1000# (OK). Turned on pumping unit & had good pump action. Re-set tubing BPV to 200-250# and left pumping.
- 4/27/00:** Well not pumping. MIRUPU. Longstroked well for 30 minutes and had no pump action. Unseat pump & POOH (heavy FeS & Paraffin). L/D sinkerbars & pump. RIH & hang off rods (no pump). Unable to drop SV due to scale & paraffin.
- 5/16/04:** Well uneconomical to produce. POOH & L/D pump. Left rods swinging in the hole. Bullplugged pumping tee.
- 2/23/07:** POOH laying down rods. Well uneconomic to produce.
- 5/22/09:** Release TAC and POOH w/ tubing. RIH and set CIBP at 7456'. Dump Bail 10' of cement on top of CIBP. Temporarily Abandon Wellbore.