

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.  
NMLC065478B

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.  
EMPIRE ABO UNIT 122B

2. Name of Operator  
APACHE CORPORATION

Contact: ALICIA FULTON  
E-Mail: Alicia.fulton@apachecorp.com

9. API Well No.  
30-015-22098

3a. Address  
303 VETERANS AIRPARK LANE  
MIDLAND, TX 79705

3b. Phone No. (include area code)  
Ph: 432-818-1088

10. Field and Pool or Exploratory Area  
EMPIRE ABO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 10 T18S R27E 990FNL 1300FEL

11. County or Parish, State  
EDDY COUNTY, NM

**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"/> Hydraulic Fracturing | <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 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.

apache would like approval to TA the wellbore procedures and wellbore diagrams attached

RECEIVED

DEC 23 2019

DISTRICT 7 - ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #480914 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad

Name (Printed/Typed) ALICIA FULTON

Title SR REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/29/2019

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

Accepted for record - NMOCD

Approved By \_\_\_\_\_  
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.

Title

Date

Office

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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

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

7. If Unit or CA/Agreement, Name and/or No.  
8910138010

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.  
EMPIRE ABO M 122

2. Name of Operator  
APACHE CORPORATION

Contact: ALICIA FULTON  
E-Mail: ALICIA.FULTON@APACHECORP.COM

9. API Well No.  
30-015-22098-00-S1

3a. Address  
303 VETERANS AIRPARK LANE SUITE 3000  
MIDLAND, TX 79705

3b. Phone No. (include area code)  
Ph: 432.818.1088

10. Field and Pool or Exploratory Area  
EMPIRE-ABO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 10 T18S R27E NENE 990FNL 1300FEL

11. County or Parish, State  
EDDY COUNTY, NM

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Apache has completed the below TA

SET CIBP @5700+35' OF CEMENT RAN MIT TO 500# FOR 30 MINUTES  
CHART ATTACHED

REQUEST IS FOR 5 YEAR TA APPROVAL.

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DEC 23 2019

DISTRICT/ARTESIA/O.C.D.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #493233 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 11/21/2019 (19PP3122SE)**

Name (Printed/Typed) ALICIA FULTON

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/20/2019

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

Approved By **ACCEPTED** *Accepted for record - NMOC* **DS** JONATHON SHEPARD  
Title PETROLEUM ENGINEER Date 11/21/2019

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 Carlsbad

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

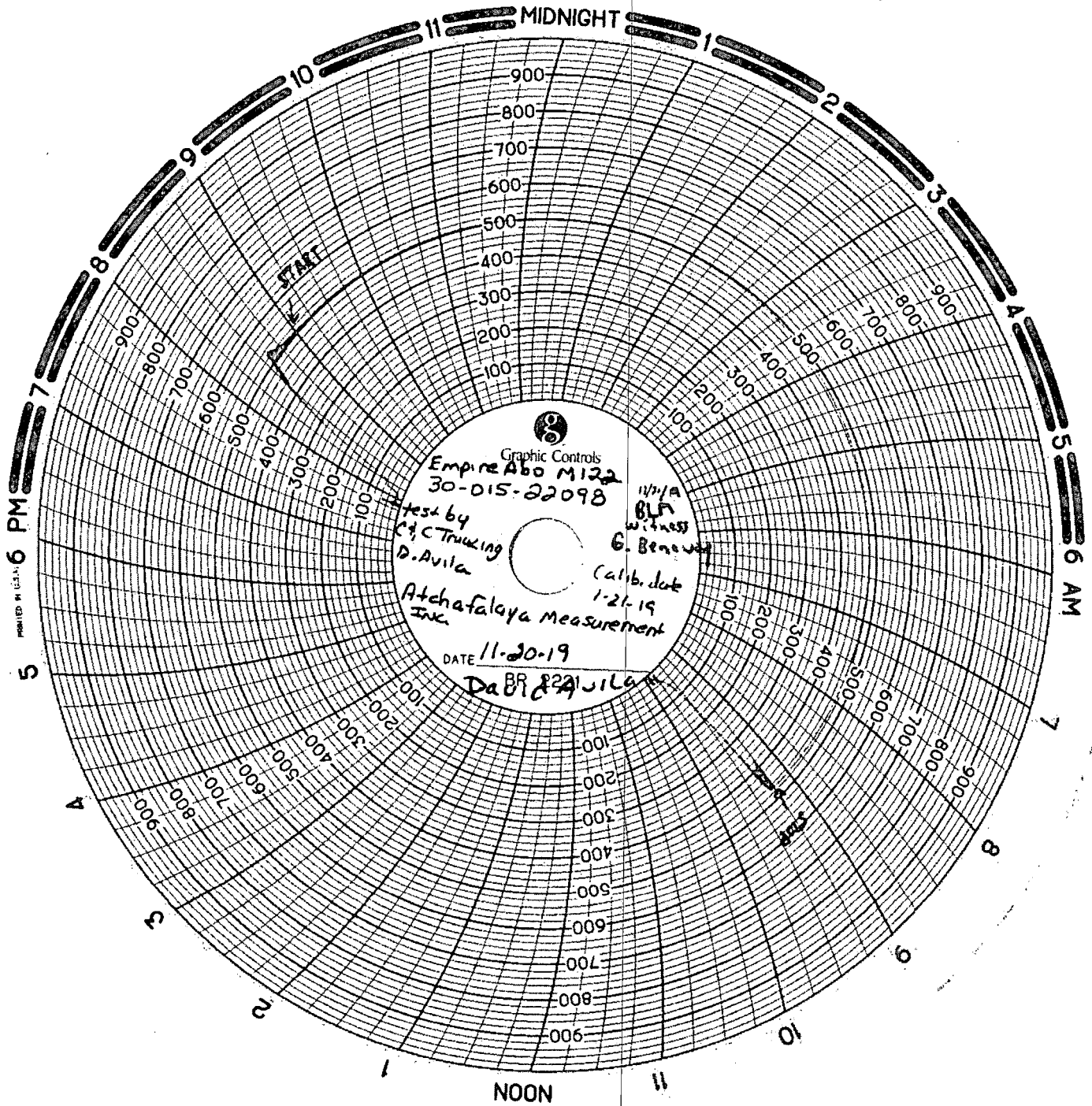
## Revisions to Operator-Submitted EC Data for Sundry Notice #493233

|                | Operator Submitted   | BLM Revised (AFMSS)   |
|----------------|--|---|
| Sundry Type:   | TA<br>SR   | TA<br>SR  |
| Lease:         | NMLC065478B  | NMLC065478B   |
| Agreement:     |  | 8910138010 (NMNM70945X)   |
| Operator:      | APACHE CORPORATION<br>303 VETERANS AIRPARK LANE<br>MIDLAND, TX 79705<br>Ph: 432-818-1000               | APACHE CORPORATION<br>303 VETERANS AIRPARK LANE SUITE 3000<br>MIDLAND, TX 79705<br>Ph: 432.818.1000     |
| Admin Contact: | ALICIA FULTON<br>SR REGULATORY ANALYST<br>E-Mail: Alicia.fulton@apachecorp.com<br><br>Ph: 432-818-1088 | ALICIA FULTON<br>SR. REGULATORY ANALYST<br>E-Mail: ALICIA.FULTON@APACHECORP.COM<br><br>Ph: 432.818.1088 |
| Tech Contact:  | ALICIA FULTON<br>SR REGULATORY ANALYST<br>E-Mail: Alicia.fulton@apachecorp.com<br><br>Ph: 432-818-1088 | ALICIA FULTON<br>SR. REGULATORY ANALYST<br>E-Mail: ALICIA.FULTON@APACHECORP.COM<br><br>Ph: 432.818.1088 |
| Location:      |  |   |
| State:         | NM   | NM  |
| County:        | EDDY   | EDDY  |
| Field/Pool:    | EMPIRE ABO   | EMPIRE-ABO  |
| Well/Facility: | EMPIRE ABO UNIT 122B<br>Sec 10 T18S R27E 990FNL 1300FEL  | EMPIRE ABO M 122<br>Sec 10 T18S R27E NENE 990FNL 1300FEL  |

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DISTRICT 7 ARTESIA O.C.D.



# Apache Corporation

Work Objective

current

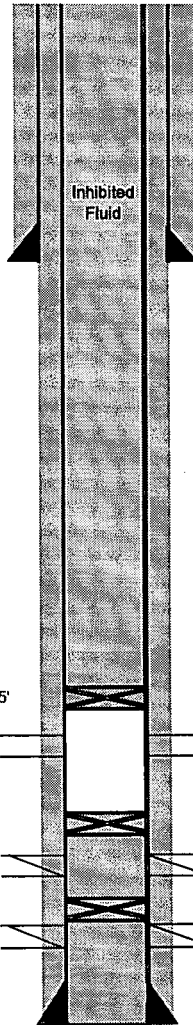
Region Office  
District /Field Office  
AFE Type

Permian / Midland  
W District

|            |                   |            |              |
|------------|-------------------|------------|--------------|
| Start Date |                   | End Date   |              |
| Lease      | Empire Abo Unit M | KB/GL      | 12/3500'     |
| Well Name  | Empire Abo Unit M | Well No.   | #122B        |
| Field      | Empire (BP)       | TD @       | 6200'        |
| County     | Eddy              | P8TD @     | 5895'        |
| State      | New Mexico        | ETD @      |              |
| AFE #      | TBD               | API #      | 30-015-22098 |
| Gross AFE  | TBD               | Spud Date  | 5/17/1977    |
| Apache WI  | 37.833400%        | Comp. Date | 6/30/1977    |

| Description  | O.D.   | Grade | Weight | Depth | Cmt Sx  | TOC         |
|--------------|--------|-------|--------|-------|---------|-------------|
| Surface Csg  | 8 5/8" | K-55  | 24#    | 1000' | 425 sx  | Circ        |
| Inter Csg    |        |       |        |       |         |             |
| Prod Csg     | 5 1/2" | K-55  | 14#    | 6198' | 2570 sx | Circ 130 sx |
| Casing Liner |        |       |        |       |         |             |

11" hole



| Date      | Zone | Actual Perforations | JSPF | Total Perfs |
|-----------|------|---------------------|------|-------------|
| 6/12/1977 | Abo  | 5962-68'            | 2    | 8           |
| 6/17/1977 | Abo  | 5918-28             | 2    | 20          |
| 8/15/1998 | Abo  | 5770-5818'          | 2    | 98          |
|           |      |                     |      |             |
|           |      |                     |      |             |
|           |      |                     |      |             |

| Date      | Zone | Stimulation / Producing Interval                    | Amount |
|-----------|------|---|--------|
| 6/12/1977 | Abo  | Acidz perfs 5962-68' w/ 500 g 15% HCL-NE            |        |
| 6/17/1977 | Abo  | Acidz perfs 5918-28' w/ 6000 g 80/40 15% HCL/Xylene |        |
| 8/15/1998 | Abo  | Acidz perf 5770-5818' w/ 2000 g acid + 100 BS       |        |
|           |      |   |        |
|           |      |   |        |
|           |      |   |        |
|           |      |   |        |
|           |      |   |        |
|           |      |   |        |

Set CIBP @ 5700' w/35'  
cmt set via wireline

Abo:  
5770-5818'

Abo:  
5918-28'

Abo:  
5962-68'

TD: 6200'

7 7/8" hole

| Well History / Failure  |  |
|---|--|
| 6/77: Set CR @ 5948' & sqz perfs 5962-68' w/200 sx  |  |
| 8/86: Set CR @ 5895' & sqz perfs 5918-28' w/ 100 sx. Perf U. Abo 5770-5818' & Acidz w/ 2000 g acid + 100 BS |  |
| 9/08: LD tbg, replace w/ YB. RTP.   |  |
| 9/14: Pmp chng. Replace rod boxes on 50 7/8" rods & 50 3/4" rods. RTP.                                      |  |
|   |  |
|   |  |
|   |  |
|   |  |

Apache Representative

Contract Rig/Number

Apache Engineer

David Cummings

Operator

WBD by: Shayne Moody