

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 27. If Unit or CA/Agreement, Name and/or No.
NMNM70945X

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
EMPIRE ABO UNIT 018A2. Name of Operator
APACHE CORPContact: ISABEL HUDSON
E-Mail: Isabel.Hudson@apachecorp.com9. API Well No.
30-015-007063a. Address
303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432.818.114210. Field and Pool or Exploratory Area
EMPIRE; ABO (22040)

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

Sec 1 T18S R27E 2310FNL 1980FWL

11. County or Parish, State

EDDY COUNTY, TX

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"/> 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Workover Operations
	<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 has performed the following work:

01/03/2017 MIRUSU & Rev unit & kill well. POOH w/ pump & rods. MIRU Empire Services. POOH tbg. Prep to RIH w/CMT retainer & hydrotest tbg.

01/04/2017 Kill well. PU 4.5? CMT retainer on 2-3/8? J-55 tbg. Hydrotest all TBG. Set retainer @ 5542?. Load CSG & test to 500# for 15 mins. Prep to squeeze perfs.

01/05/2017 MIRU Par 5 Services. Test lines. Pump 700 sks C+. Prep to finish Abo squeeze.

01/06/2017 SD due to weather. Prep to finish ABO squeeze.

8-29-17
Accepted for record - NMOCD

NM OIL CONSERVATION

ARTESIA DISTRICT

AUG 29 2017

RECEIVED

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

Electronic Submission #363990 verified by the BLM Well Information System
For APACHE CORP, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH/MCKINNEY on 01/24/2017()

Name (Printed/Typed) ISABEL HUDSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/17/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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 **

Additional data for EC transaction #363990 that would not fit on the form

32. Additional remarks, continued

01/09/2017 MIRU Par 5 Services. Start pumping CMT. Pumped 2 BBLS CMT into formation.

01/10/2017 Tag up on CR @ 5542?. Do CR. WO CMT

01/11/2017 Tag up on CMT @ 5550?. Drill out solid CMT from 5550? ? 5917?. CIRC hole clean. Prep to DO CMT to PBTD.

01/12/2017 Break CIRC. DO solid CMT from 5917? ? 6040?. Fell through to PBTD @ 6051?. Circ hole clean w/ 2% KCL. MIRU Renegade WL Services. RIH w/ 3-1/8" perf guns & perf Upper Abo @ 5626?-30?, 5654?-62?, 5698?-704?, 5750?-56?, 5860?-70?, 5891?-94?, 5902?-06?, 5968?-75?, 5992?-6018?, 3 SPF, 60 degree phasing 222 holes. POOH w/ perf guns & RDMO Renegade WL Services. Prep to RIH w/ TBG & PKR. Acidize Upper Abo.

01/13/2017 RIH w 4.5" PKR on 2-3/8" J-55 TBG. Set PKR @ 5544? & test to 500#. MIRU Cudd Energy Services. Titrate acid to 15.3% Acidize Upper Abo from 5626? ? 6018? w/ 2,300 gals 15% HCL @ 5.0 BPM, 1396#. Drop 2500# of rock salt w/ 42 BBLS of 10# brine in 2 stage @ 5.0 BPM, 1403#. RDMO Cudd Energy Services. SI for 1 hr. Release PKR & wash salt from 5981? to PBTD @ 6051? POOH w/tbg & pkr. Prep to RIH w/ production equip.