

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD  
Hobbs

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.  
NMNM60393

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
BLACK & TAN 27 FEDERAL COM 301H

9. API Well No.  
30-025-44017

10. Field and Pool or Exploratory Area  
LEA, BONESPRING, S

11. County or Parish, State  
LEA COUNTY, NM

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

JAN 16 2018  
RECEIVED

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
APACHE CORPORATION  
Contact: SORINA FLORES  
E-Mail: sorina.flores@apachecorp.com

3a. Address  
303 VETERANS AIRPARK LN #1000  
MIDLAND, TX 79705

3b. Phone No. (include area code)  
Ph: 432-818-1167

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T20S R34E Mer NMP SWSW 220FSL 670FWL  
32.537448 N Lat, 103.554493 W Lon

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 Drilling Operations
	<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 recomplete 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 recompletion 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.

BLM-CO-1463 NATIONWIDE; NMB-000736

11/15-11/18/17: Notify Paul Floweres @ BLM of spud 3hrs prior, Spud 11/15/17, drlg 17-1/2" hole to 1723' TD, run 13-3/8" 54.5# J55 BTC csg to 1722' FS @ 1722', FC @ 1685', RU BJ, cmt w/Lead: 1100sx Cl C w/1.88% metasilicate, 0.19% defoamer, 3.82% CaCl2 (1.75yld, 13.5ppg) Tail: 300sx Cl C w/1.41% CaCl2 (1.33yld, 14.8ppg) Circ 516sx to surf (Paul Flowers w/BLM witness cmt job) WOC as per BLM COA's

11/18/17: WOC, install 13-3/8" SOW x 13-5/8" 3M csg head, BLM notified to witness BOP test-unable to attend, test csg head weld to 800psi, test failed, grind & re-weld same, re-test, test failed, released Man Welding, Battle

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

Electronic Submission #399510 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Hobbs  
Committed to AFSS for processing by JENNIFER SANCHEZ on 01/04/2018 ( )

Name (Printed/Typed) SORINA FLORES

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 01/03/2018

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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 \*\*

KZ

**Additional data for EC transaction #399510 that would not fit on the form**

**32. Additional remarks, continued**

Energy called out, re-weld same, test to 800psi (70% of collapse) for 15 min, NU BOPE.

11/19/17: Test csg 1500psi/30min-OK, annular not functioning properly, need new element, ND annular, install new element, NU annular, test BOP, MU fishing BHA, TIH, wash & tag fish, TOH, retrieve fish, LD fishing BHA, PU interm BHA.

11/20-11/24/17: PU 12-1/4 Interm BHA, TIH, drill out shoe track, Rotate & slide drill 12-1/4" hole f/1723'-3960', encountered total losses, transfer fluid, build LCM sweeps, pmp LCM pill, FW to activate, rotate & drill f/3960-3978', regained 90% returns, switch to 10#brine, drill 12-1/4" hole f 3978-5797', csg point, circ, TOH, RU Byrd csg, run 9-5/8" 40# J55 csg to 5797', DVT @ 3485', RU BJ, cmt 1st stage Lead: 450sx Cl C Poz w/4% gel, 5% CaCl2, 0.3% low temp retarder (1.79yld, 12.9ppg) Tail: 300sx Cl C w/0.3% low temp retarder (1.33yld, 14.8ppg) Stage 2 Lead: 2200sx Cl C PozBlend w/4% gel, 5% CaCl2 (1.79yld, 12.9ppg) Tail: 200sx Cl C w/0.15% low temp retarder (1.33yld, 14.8ppg), Patricia H w/BLM witness cmt job, no cmt to surf, set a 12hr wait period before temp survey run, WOC per BLM.

11/25/17: WOC, run temp log, TOC @ 740', BLM notified, Run 1" pipe, tag TOC @ 813', cmt w/BJ 270sx Cl C Neat (1.33yld, 14.8ppg) Circ 25sx to surf, WOC 8 hrs per BLM, cut csg, install B-sec, Notify BLM of test, NU BOP w/Battle Energy.

11/26/17: Finish NU BOP, test, test csg 1500psi/30min-OK, make up drill out assbly, TIH, drill DVT @ 3485', test csg 1500/30min-OK, TIH, drill out FC & shoe track, drill f/5797-5807', Circ, TOH for 8-3/4" vertical assembly.

11/27-11/29/17: /drill 8-3/4" Interm vertical section f/5807- 10198', TOH for bit due to low ROP, chg out bit/motor, TIH to 10109' wash last stand to btm, downlink MWD tool.

11/30/17: Finish downlink MWD, drill 8-3/4" to 10707, KOP, Circ, run Phoenix WL gyro, TOH, PU 8-3/4" curve assembly.

12/1/17: TIH to 10707', slide to 10866', TOH due to low build rates, TIH to re-take survey points w/WL gyro, RU VES gyro, run same.

needed to get sundry approved prior to drilling.

**BLACK & TAN 27 FEDERAL COM 301H (continued)**

12/2-12/3/17: Run WL gyro w/VES, TOH to chg curve motor due to low build rates, TIH, slide f/10866-11385, circ, TOH f/lateral assembly.

12/4/17: Continue TOH w/curve assembly, make up 8-1/2" lateral assembly, TIH to 11385', displ to brine/oil on the fly while drlg 8-1/2" hole f/11385-11778', circ, TOH due to inclination climbing.

12/5/17: Circ, TOH w/lateral assembly to ck scribe & offset due to sliding & inclination climbing, wait on orders, make up new BHA, TIH t/11778', slide & rotate drill f/11778-11898.

12/6-12/8/17: Slide & rotate f/11898-15914' TD, downlink MWD, Circ, TOH, notify BLM of csg/cmt job (Christine). ?

12/9/17: RU CRT & Byrd csg, Run 5-1/2" prod csg f/surf to 13947'.

12/10/17: Run 5-1/2" prod csg (float) f/13947-15914', FS @ 15914', FC @ 15864, Latch collar @ 15842', Toe sleeve @ 15816', MJ @ 14796', MJ @ 10651' XO F/BTC t/GBCD @ 10672', prep for cmt, RU BJ cmt w/Lead: 1360sx CI H Poz w/10% bentonite, 5#/sk salt, 0.35% retarder, 0.2% defoamer, 0.01#/sk anti-static (2.32yld, 11.9ppg) Tail: 1420sx TXI Lite w/0.4% fluid loss, 0.3% retarder, 0.01gal/sk defoamer, 0.01#/sk anti-static, Circ 436sx cmt to surf, WOC 12 hrs per COAs.

12/11/17: RR 12/11/17 @ 0600hrs.