

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
Antesia  
HOBBSFORM 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.  
NMLC029519B

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 303H9. API Well No.  
30-025-4392110. Field and Pool or Exploratory Area  
LEA, BONESPRING, S11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
APACHE CORPORATIONContact: SORINA FLORES  
E-Mail: sorina.flores@apachecorp.com3a. Address  
303 VETERANS AIRPARK LN #1000  
MIDLAND, TX 797053b. 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 SESW 215FSL 2160FWL  
32.537436 N Lat, 103.549659 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling 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 recompletable 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 recompletable 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 NMB-000736 NATIONWIDE

9/22-9/25/17: Spud, drlg 17-1/2" hole to 1718', notify BLM run csg/cmt, RU Lewis, run 13-3/8" #54.5# J55 BTC csg to TD @ 1718', FC @ 1676', RU BJ, cmt w/Lead: 1150sx Cl C w/1.88% metasilicate, 0.19% defoamer, 3.82% CaCl<sub>2</sub> (1.75yld, 9.13ppg), Tail: 300sx Cl w/1.41% CaCl<sub>2</sub> (1.33yld, 14.8ppg), Circ 256sx to surf, WOC 12hrs

9/26/17: Test BOPE per BLM requirements, test csg 1500psi/30min-OK

9/27-10/1/17: TIH, drlg 12-1/4" hole f/1718-5790'-TD, circ, RU CRT tool, notify BLM of csg/cmt, run 108jts 9-5/8" 40# J55 LTC to TD @ 5790', ECP @ 3511',

submit pressure test  
chart for the perf/squeeze.  
**HOBBS OCD**

DEC 04 2017

RECEIVED

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

Electronic Submission #395712 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Hobbs  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/22/2017 ()

Name (Printed/Typed) SORINA FLORES

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 11/21/2017

**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

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 #395712 that would not fit on the form**

**32. Additional remarks, continued**

DVT @ 3500', Circ, wait on BJ for cmt.

10/2/17: Cmt 1st stage w/Lead: 700sx Cl C w/3.48% gel, 3.93% CaCl<sub>2</sub>, 0.26% low temp retarder (1.8yld, 12.9ppg) Tail: 300sx Cl C w/0.28% low temp retarder (1.33yld, 14.8ppg), drop plug, bump plug, pressure ck ECP @ 3000psi-OK, floats held, drop bomb, open DVT, circ 368sx to surf, 2nd Stage w/Lead: 1050sx Cl C w/3.48% gel, 3.93% CaCl<sub>2</sub> (1.8yld, 12.9ppg) Tail: 200sx Cl C w/0.14% low temp retarder (1.33yld, 14.8ppg), drop plug, displace, ck DVT, Stage 2-no cmt to surf (BLM Paul Flowers on loc), WOC 8 hrs

10/3/17: TOC @ 1930' per temp log, BLM notified, decision to perf & squeeze, RIH w/perf gun, RU BJ, Sqz w/850sx Cl C (1.32yld, 14.8ppg), Circ 42sx to surf (BLM Paul Flowers on loc), WOC 7.5hrs per lab results, ND BOP, notified BLM Paul of BOP test.

10/4/17: NU BOP, test, Test csg 1500psi/30min - OK

10/5/17: TIH to drill out cmt, attempt to test csg, perms not holding, TOH, break bit, WOC retainer & cmt, TIH w/cmt retainer, set @ 1800', RU cmtrs, attempt to get inj rate, retainer leaking, TOH w/retainer assbly, LD same.

10/6/17: TIH, tag top of retainer @ 1798', drill out, full returns, circ, TOH, TIH w/new retainer to 1808', pmp 85sx CL C (1.32yld, 14.8ppg), close annular, sting into retainer, TOH w/retainer assbly, make up bit, junk basket, DC, TIH, WOC.

10/7/17: WOC 8.5hrs, drill cmt retainer & cmt 1806'-1957', test csg @ 1957' 15500psi/30min-OK, notify BLM, TIH, tag cmt @ 3411', drlg cmt & DVT 3411'-3500', drlg DVT f/3500'-3502', test csg @ 3570' 1500psi/30min-OK, RD battle energy tester, TIH f/3570-5727', tag cmt @ 5727', drlg cmt & shoe track f/5727-5752'.

10/8/17: Drill cmt & shoe track to 5790', drill 10' rathole f/5790'-5800', circ, FIT test, pressure up to 376psi/10min-OK, TOH, PU BHA, scribe motor, PU Phoenix dir assbly, TIH, wash to btm, TOH-excessive torque, make up mill, TIH, wk junk basket w/pmps & rotary, mill t/5799, work junk basket 3 more times, TOH

*✓*  
*retainer was given*



## **BLACK & TAN 27 FEDERAL COM 303H (continued)**

- 10/9-10/10/17: Make up mill & junk basket, TIH, mill to 5800', TOH, Clean, TIH w/magnet & junk basket to 1200', clean out, TIH, circ, TOH, clean, TIH
- 10/11/17: Tag btm @ 5800', wk junk basket, drill to 5820', circ off btm, wk junk basket, tag btm, TOH, make up Phoenix dir, TIH, drlg 8-3/4" vertical hole f/5820-6982'.
- 10/12-10/14/17: Drlg f/6982-10478', pmp sweep, circ prior to C/O hole to 10ppg brine, C/O hole f/8.8ppg to 10.0ppg @ 10478'.
- 10/15-10/17/17: Drlg to 10957', circ & cond mud f/9.9 to 10.0ppg, TOO H for possible motor failure, W&R f/10769-10597', dwn link Phoenix MWD, drlg f/10957-12050', circ high vis sweeps, run Phoenix WL gyro f/surf to 11980', RD Phoenix.
- 10/18/17: TOO H f/logs, LD BHA, RU WL logging equip, log w/triple combo, CMR & spectral gamma f/12058 (loggers TD) to 6500'.
- 10/19/17: Log w/triple combo (gamma, neutron, density, resistivity), CMR & spectral gamma f/6500-5790' (interm csg point), Log w/GR & CNL f/5790-surf, RD logging tools, RU sidewall coring tools, function test & calibrate, RIH, side wall core 8 samples, coring tool sticking to wellbore, TOH, PU & MU clean out BHA, TIH, C&C wellbore, TOH f/12050-9966'
- 10/20/17: TOH f/9966-surf w/clean out assbly, RU WL & sidewall coring tools, RIH, drill sidewall cores 10-66.
- 10/21/17: TOH w/sidewall core tool f/9277-surf, recover 52 core samples, M/U new core bbls, RIH, cut core 67-15, TOH recover 49 samples, RU logging tools, RIH, log f/12058- 8500' w/FMI, sonic scanner, gamma, log f/8500-5790' w/sonic scanner & gamma, TOH.
- 10/22/17: RD WL loggers, TIH w3-1/2" cmt stinger on /5" DP to 9133', C&C, RU BJ, pmp 320sx CI H w/0.33% retarder, 0.24% high temp susp agent, 0.19% dispersant (1.25yld, 15.2ppg), TOH f/12050' to 10100', C&C, no cmt to surf, BLM notified of tagging of cmt plug, no witness necessary.
- 10/23/17: Circ, wash f/10100-11100', tag cmt plug w/20 klbs per BLM @ 11011', weight held/10min, Notified BLM-John Statom, pmp 410sk CI H w/0.61% retarder, 0.21% dispersant (0.94yld, 17.5ppg), displaced cmt, TOH f/11011'-9085', load wiper ball, C&C, TOH f/9085-2092', H2S alarm went off, evacuate, ASI cleared loc, TOH f/2092-surf, LD stinger DP, M/U dress off assbly, TOH f/surf-9712'.
- 10/24/17: TIH f/9712-10128' w/cmt plug dress off assbly, tag plug @ 10128' to 10708' (50' above KOP), C&C, TOH f/12708-560' for sidetrack assbly.
- 10/25-10/26/17: PU dir BHA, circ, sync Phoenix tool, orient for sidetrack, tag btm 10708', slide drill f/10708-10738', unable to sidetrack orig wellbore, TOO H, PU OH whipstock, circ, TOO H for clean out assbly f/10738-3774'.
- 10/27/17: TOH, make up bit & reamers, dress off cmt plug for whipstock, TIH & ream f/9936-10738', drill f/10738-10755', circ, TOH w/reamers, break & LD same, makeup whipstock & mill assbly, TIH w/whipstock t/3400'.
- 10/28-10/29/17: TIH & set whipstock @ 10747', verify w/gyro, top of whipstock 10717', mill window f/10717-10736', TOH & LD mill assbly, TIH w/8-3/4 curve assbly, RU Scientific WL gyro, slide drill f/10736-10747'.
- 10/30-11/2/17: Slide drill f/10747-10784', lost sync w/gyro, chg out gyro tool, RIH, still not synced due to vibrations, TOH, make up new bit, TIH w/no issues back to 10768', RU WL gyro, tool not synced, pullout gyro, chg out caliper, RIH w/gyro, slide drill f/10784-11571', TOH w/curve assbly, notify BLM of BOP test, RU Battle testers.
- 11/3-11/7/17: Test BOP, make up lateral assbly, TIH, drill lateral f/11571-15791', TD @ 15791', circ, TOO H w/lateral assbly for logging tools.
- 11/8-11/9/17: LD directional tools, PU Cordax logging tools, TIH to 15791', TOH & log (density, porosity, resistivity), notify BLM of csg/cmt job, RD logging tools, RU Byrd csg.
- 11/10/17: Run 5-1/2" prod csg f/surf-15791', FC @ 15741', MJ @ 14689', MJ @ 10691', XO f/BTC to GBCD @ 10650'.
- 11/11/17: Cmt w/Lead: 1315sx CI H w/10% bentonite, 5#/sk salt, 0.35% retarder, 0.2% defoamer, 0.01#/sk anti-static (2.32yld, 11.9ppg) Tail: 1600sx TXI Lite w/0.4% fluid loss additive, 0.3% retarder, 0.01gal/sk defoamer, 0.01#/sk anti-static (1.33yld, 13.2ppg), Circ 376sx to surf, WOC 12 hrs per BLM, RR 11/11/17.
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