

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 04 2018  
**Operator**

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

**SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED**  
*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. NMNM113962
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. SALT FORK 3-4 FEDERAL COM 1H
9. API Well No. 30-015-43665
10. Field and Pool or Exploratory Area LEO;BONE SPRING, SOUTH
11. County or Parish, State EDDY COUNTY, NM

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator APACHE CORPORATION Contact: SORINA FLORES E-Mail: sorina.flores@apachecorp.com	
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 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 3 T19S R30E Mer NMP NESW 2364FSL 2258FWL 32.688512 N Lat, 103.960549 W Lon	

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 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; NMB000736

7/16/17: Spud (pre-set surf), drlg 17-1/2" hole to 479'

7/17/17: TOH, run 13-3/8" 48# J-55 STC csg to 479', FC @ 434', cmt w/550sx Cl C w/1% CaCl2(1.33yld 14.8ppg), circ 269sx to surf. WOC. RR preset rig 7/17/17.

7/21-7/25/17: MIRU drilling rig, test cst to 121 psi/30 min, drlg 12-1/4" hole f/479'-3959' TOOH, run 9-5/8" 40# J-55 LTC csg to 3959', FC @ 3912, DVT @ 3500'.

7/26/17: RU BJ, cmt 1st stage w/ Lead w/250sx Cl C w/0.19% retarder(1.33yld,

**Accepted For Record  
NMOC**

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

Electronic Submission #387456 verified by the BLM/Well Information System  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 09/18/2017

Name (Printed/Typed) SORINA FLORES	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 09/05/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE: SEP 0 2017**

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 #387456 that would not fit on the form**

**32. Additional remarks, continued**

14.8ppg)full returns (Michael Balliett, BLM, witness), cmt 2nd stage:  
Lead: 1150sx Cl C w/3.48% gel(1.8yld, 12.9ppg) Tail: 200sx Cl C w/0.19%  
retarder(1.33yld, 14.8ppg), 492sx cmt to surf. WOC 12hrs before cut csg,  
set dwn BOP, remove spools, final cut, set B section, test wellhead 2000psi,  
center BOP, WOC 24hrs before testing BOP.

7/27/17: Test csg 1500psi/30min. TIH.

7/28/7/30/17: Drlg 8-1/2" hole f/3959'-7845', run Phoenix gyro, TOOH, TIH  
w/curve BHA. KOP @ 7845'.

7/31-8/2/17: Drlg curve f/7845'-8802', TOH f/lateral assembly, TIH, drlg rathole  
f/8802'-8897', TOH.

8/3/17: TIH, wash thru dog legs f/8004'-8860' W&R f/8868'-8895', rotate drill  
f/8895'-13762', 24 hr TD notice to BLM of up coming prod csg run & cmt.

8/4-8/5/17: Rotate drill f/13762'-15485'.

8/6/17: Circ clean up cycle @ TD, pmp slug, TOH f/15485'-15060', pulling tight,  
unable to pull on elevators, screw in & wash to 15364', circ clean up cycle 1  
stand off btm.

8/7/17: Pull on elevators f/15364' - 15033', pipe stuck, work stuck pipe, wait  
on freepoint, free @ 15755', pmp dwn stringshot, hole packed off, attempt to  
regain circ.

8/8-8/17/17: Regain circ from being packed off, run 2 attempts at shooting off  
pipe @ 14723', failed, pmp dwn free point tool, ck free in 1000' increments,  
pipe restricted @ 8003', run string shot & back off pipe @ 7939', back off  
successful, RD renegade, circ on top of fish @ 7939', TOH w/DP f/7939'-5319'.  
TOOH f/fishing BHA, TIH, screw into fish @ 7933', jar on fish make 2' up  
hole, jars wore out, manual back off, TOH to replace jars. TOH w/fishing  
asmbly, left 18.46' of fishing asmbly in hole, MU overshot (see attachment)

Salt Fork 3-4 Federal Com 1H (continued EOW report)

8/8/17-8/17/17 (cont): TIH to shoe, cut

drlg line, TIH, latch on fish w/overshot, freepoint w/Brannco, 100% stuck @ 8046', TOH w/fishing tools, no fish in grapple. Replace slip dies, make up overshot, TIH, latch onto fishing asmbly, TOH w/fish, make up drlg jars, TIH w/DC's, screw into fish, jar on fish, Jarring & back reaming on fish, broke free @ 15011' bit depth, TOF @ 7902', back ream t/14622', Back ream & jar f/14622-14479', broke free, circ btms up, TOH w/fish, LD jars, left tools & bit in hole, TOF @ 14391', cut drlg line, TIH w/reamers, bit t/9299' bit depth, 7873' reamer depth, ream thru curve, ream & back ream thru curve, ream down, tag TOF @ 14372', circ clean, TOH w/reamers t/5792, TOH w/key seat wiper f/5792', LD reamers, make up overshot & wash pipe, LD DC's to access HWDP, TIH, latch on to fish, jar on fish, set jars, mad 5/10ths of foot up, Jar on fish, attempt to Wk dwn w/torque, no progress, overshot slipped off fish, C&C, TOH, LD fishing BHA, PU tricone, TIH For wiper run t/14372' (TOF), C&C, TOH slip/cut, RU CRT, run prod csg.

8/18/17: Run 7" 26# HCP 110 csg f/surf'-7829', MJ @ 7775', XO @ 7829', Run 5-1/2" 17# HCP 110 csg f/7831'-14365', FC @ 14351' (tag TOF @ 14372')

8/19/17: RU BJ, cmt w/ Lead (scavenger): 100sx Cl H w/8.4% gel, 0.21% retarder (2.97yld, 11ppg)  
Stage 2 Lead: 800sx Cl H w/8.4% gel, 0.17% defoamer, 0.29% retarder, 5.45% CaCl<sub>2</sub>  
(13.1yld, 11.9ppg) Tail: 988sx TXI Lightweight w/0.3% fluid loss, 0.23% retarder (1.33yld, 13.2ppg)  
Could not pmp entire tail cmt due to cmt setting up in chunks within Silo, decision made to displace  
After pmpg 234 bbls tail cmt. Circ 70bbls cmt to surf, ND BOP

8/20/17: WOC per BLM COA, RR 8/20/17