

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Carlsbad Field Office**  
FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018  
OCD

**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.*

As of Case Serial No. NMLC029395A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
TONY FEDERAL 28

9. API Well No.  
30-015-33000-00-S1

10. Field and Pool or Exploratory Area  
CEDAR LAKE-GLORIETA-YESO

11. County or Parish, State  
EDDY COUNTY, NM

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
APACHE CORPORATION  
Contact: ALICIA FULTON  
E-Mail: ALICIA.FULTON@APACHECORP.COM

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 19 T17S R31E SWNE Lot G 1750FNL 2310FEL

**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 checked="" type="checkbox"/> Other Workover 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.

APACHE IS REQUESTING APPROVAL ON THE BELOW WORK

Re-perf existing producing interval w/ casing gun (4 spf, 60' phasing)

- 4,623-27?
- 4,634-39?
- 4,714-18?
- 4,750-54?
- 4,755-59?
- 4,760-65?
- 4,850-59?

*Gc 12-3-18*  
Accepted for record - NMOCD

RECEIVED

NOV 28 2018

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #443758 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 11/13/2018 (19PP0368SE)**

Name (Printed/Typed) ALICIA FULTON Title SR. REGULATORY ANALYST

Signature (Electronic Submission) Date 11/12/2018

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

Approved By JONATHON SHEPARD Title PETROLEUM ENGINEER Date 11/19/2018

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 \*\***

**Additional data for EC transaction #443758 that would not fit on the form**

**32. Additional remarks, continued**

4,872-82?

Pick up packer(s) and acidize w/ 1,650 gallons per stage

FULL PROCEDURES ATTACHED WITH WELLBORE DIAGRAM

**Well Info**

Legal Well Name: TONY FEDERAL #028  
API/Surface Loc: 3001533000  
Spud Date: 10/9/2003  
Original Drilling Rig Release:  
Target Formation:  
Field Name: CEDAR LAKE (BP)  
County: Eddy  
State/Province: New Mexico  
Surface Legal Location:

**Bottom Hole Location:**

Bottom Hole Legal Location:  
TONY FEDERAL #28 - Original Hole  
East-West Distance (ft): From E or W Line:  
TONY FEDERAL #28 - Original Hole  
North-South Distance (ft): From N or S Line:  
Original Drilling Rig Release:  
Original KB Elevation (ft): 3,648.0  
Ground Elevation (ft): 3,639.0  
KB-Ground Distance (ft): 9.0  
Total Depth (All) (ftKB): Original Hole - 5,182.0  
Total Depth AG (TVD) (ftKB):

**Stimulation Jobs**

Volume Clean Total (bbl):  
Total Clean - Recovered Volume (bbl):  
Proppant Total (lb):  
Treat Rate Max (bbl/min):  
Treat Pressure Max (psi):  
Number of Treatment Intervals:  
Min Top Depth (ftKB):  
Max Btm Depth (ftKB):

**Kick Offs & Key Depths**

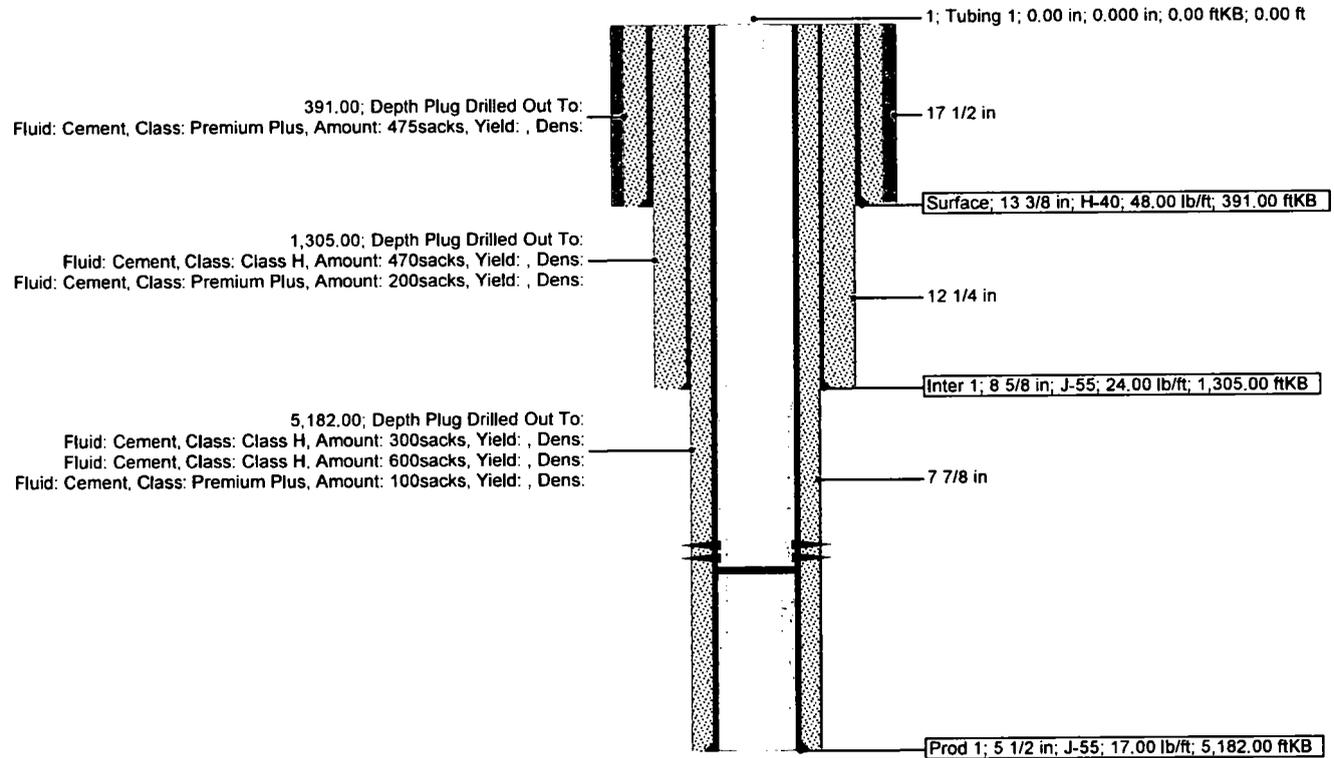
Type: Top Depth (ftKB):  
Total Depth (ftKB): 5,182.0  
PBTD (All) (ftKB): Original Hole - 5,153

**Perforations**

Top Depth (ftKB): 4,612  
Top Depth (ftKB): 4,612  
Bottom Depth (ftKB): 4,904

Production, TONY FEDERAL #28 - Original Hole, 11/10/2018 12:44:10 PM

Vertical schematic (actual)





November 10, 2018

Tony Federal # 28  
API # 30-015-33000  
Eddy County, NM

Production Casing: 5-1/2" 17# @ 5,182'  
Current Producing Interval: 4,612-4,904'

**Objective:**

POOH with rods/tbg, clean well, perf, acidize and RTP

**Procedure:**

1. POOH rod pump and rods
2. Send pump in for repairs
3. Pick up bailer and clean well down to PBTD @ 5,150'
4. MIRU wireline
5. Re-perf existing producing interval w/ casing gun (4 spf, 60° phasing)
  - 4,623-27'
  - 4,634-39'
  - 4,714-18'
  - 4,750-54'
  - 4,755-59'
  - 4,760-65'
  - 4,850-59'
  - 4,872-82'
6. Pick up packer(s) and acidize w/ 1,650 gallons per stage
7. Lay down workstring and rental packer(s)
8. Pick up BHA, production tbg, pump and rods
9. RTP