

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD ArtesiaFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELL**  
*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.  
NMLC029426B

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**7. If Unit or CA/Agreement, Name and/or No.  
NMNM1340868. Well Name and No.  
CEDAR LAKE FEDERAL CA 953H9. API Well No.  
30-015-44982-00-X110. Field and Pool or Exploratory Area  
FREN-GLORIETA-YESO11. County or Parish, State  
EDDY COUNTY, NM**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 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 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 NMB-000736 (NATIONWIDE)

6/5/18: SPUD, Drlg 17-1/2" hole to 570' TD, TOH.

6/6/18: Notify BLM of intent to cmt surf csg, Run 13-3/8" 48# H-40 STC csg to 570'(shoe @ 570', FC @ 527'), RU Par 5, cmt LEAD w/ 550sx Cl C w/2% CaCl2(1.33yld,14.8ppg), Circ 177sx to surf, WOC 8hrs.

6/7/18: Install test plug, notify BLM of BOP test, test BOP, test csg 1500psi/30min-ok, Notiy BLM rep, Mandela, of BOP test results, PU 12-1/4" dir assbly, Drill 12-1/4" hole f/507-707".

6/8/18: Drlg f/707-3505' TD of interm hole, notify BLM, Michael, of csg/cmt run.

GC 9-7-18  
Accepted for record - NMOC

RECEIVED

SEP 06 2018

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #431047 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/15/2018 (18PP2468SE)

Name (Printed/Typed) SORINA L FLORES

Title SUPV OF DRILLING SERVICES

Signature (Electronic Submission)

Date 08/14/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

AUG 16 2018

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

Jonathon Shepard

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 #431047 that would not fit on the form**

### **32. Additional remarks, continued**

6/9/18: Ran 9-5/8" 40# J-55 LTC csg to 3505'(shoe @ 3505', FC @ 3457'), well flowing approx. 5-6 bph while running csg, well monitored by ASI while running csg, break circ, C&C hole for cmt, H2S reading @ 20ppm, no alarms due to wind blowing NW away f/sensors, mustered all un-needed personnel to South side of location, supt notified, decision made to continue circ as long as no alarms, ASI monitored H2S until reading was 0 ppm., cmt 9-5/8" csg w/LEAD: 1100sx Cl C w/5% salt, 6% gel, 0.5% PF-079, 0.125#/sk CF, 1#/sk Kolseal, 0.4#/sk defoamer (1.9yld, 12.9ppg) TAIL: 300sk Cl C w/0.2% retarder (1.32yld, 14.8ppg), Circ 508sx to surf, RD Par 5, WOC.

6/10/18: WOC, Notify BLM, Michael, of BOP test-ok to proceed w/o witness, test csg 1500psi/30min-OK.

6/11/18: PU 8-1/2" vertical BHA, rotate & drill 8-1/2" hole f/3505-4590', TD vertical hole, KOP @ 4590, circ, had H2S alarm, ASI notified, ASI checked equip, replaced sensor, ASI gave clear to proceed, TOH.

6/12-6/13/18: TIH w/8-1/2" curve assbly, slide drill 8-1/2" curve f/4590-4760', TOH due to low build rates, MU new motor w/new bit, drill curve f/4760-5425', circ, TOH for lateral assembly, TIH.

6/14-6/18/18: TIH drill 8-1/2" lateral f/5425-7516', manage losses w/LCM sweeps & lower weight mud, slide drill f/7516-15305', TOH for reamer run.

**CEDAR LAKE FEDERAL CA 953H 30-015-44982**

Continued End Of Well Summary:

6/19-6/20/18: TOH w/8-1/2" lateral assembly, LD BHA, MU reamer assembly, TIH, reaming f/5494-14002', W&R f/14002'-15305', no issues.

6/21-6/22/18: TOH to run csg, Notify BLM, Omar, of csg/cmt job, Run 5-1/2" 20# L80 LTC w/packers plus f/surf to 15286' TD (shoe @ 15286', Toe @ 15277', Airlock @ 8029', debris sub @ 4728', 5-1/2" to 7" XO @ 4626' DVT @ 4601'), burp csg.

6/23/18: RU Par 5, Open DVT, cmt w/LEAD: 500sx CI C w/5% salt, 6% gel, 0.2% retarder, 0.4#/sk defoamer (20.3yld, 12.6ppg), TAIL: 210sx PVL w/1.3% salt, 5% expanding agent, 0.5% fluid loss, 0.1% anti-settling agent, 0.4#/sk defoamer(1.48yld, 13.0ppg), Circ 257sx to surf, RD Par 5, WOC, RR 6/23/18