

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 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.
NMLC029426B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
NMNM1340868. Well Name and No.
CEDAR LAKE FEDERAL CA 954H9. API Well No.
30-015-45029-00-X110. Field and Pool or Exploratory Area
GLORIETTA11. 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. 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 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)

Accepted for record - NMOCD

6/25/18: SPUD, Drlg 17-1/2" hole to 566' TD, TOH. Notify BLM, Omar, of intent to run csg/cmt, 13-3/8" 48# H-40 STC csg to 566'(shoe @ 566', FC @ 525')

6/26/18: RU Par 5, cmt LEAD w/ 550sx CI C w/2% CaCl2(1.33yd, 14.8ppg), Circ 202sx to surf, WOC 8hrs. Notify BLM of BOP test, test BOP w/Battle Energy per BLM requirements.

6/27/18: Continue BOP test, test csg 1500psi/30min-ok, PU 12-1/4" dir assbly, Drill out cmt, H2S alarm (ASI cleared), Drlg 12-1/4" hole f/566-1424'.

6/28/18: Drlg f/1424-3501' TD, C&C, TOH, notify BLM of csg/cmt run.

RECEIVED

SEP 06 2018

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #431197 verified by the BLM Well Information System

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/16/2018 (18DLM0574SE)

Name (Printed/Typed) SORINA L FLORES

Title SUPV OF DRILLING SERVICES

Signature (Electronic Submission)

Date 08/14/2018

THIS SPACE FOR FEDERAL OFFICE USE

ACCEPTED FOR RECORD

Approved By

Title

AUG 16 2018

Date

/s/ Jonathon Sheparc

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 any statement 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 #431197 that would not fit on the form

32. Additional remarks, continued

6/29/18: RU Byrd csg, Ran 9-5/8" 40# J-55 LTC csg to 3501'(shoe @ 3501', FC @ 3452'), well monitored by ASI while running csg, cmt 9-5/8" csg w/LEAD: 1000sx 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 242sx to surf, RD Par 5, pressure up to 500psi on backside & hold, Notify BLM of BOP test. WOC

6/30/18: WOC, Notify BLM, Michael, of BOP test-ok to proceed w/o witness, test csg 1500psi/30min-OK. PU 8-1/2" vertical prod BHA.

7/1/18: Rotate & drill 8-1/2" hole f/3501-5017' KOP, C&C, run WL gyro

7/2-7/3/18: TOH, LD 6-1/2" DC, PU curve BHA, TIH, drill 8-1/2" curve f/5017-5895' TD of curve, C&C, TOH, LD curve BHA.

7/4-7/6/18: W&R through tight curve f/4984-5895', Drill 8-1/2" lateral f/5895-9998', Circ, losing 2-30bph, pmp slug, TOH for bit.

7/7-7/11/18: LD lateral BHA, MU new BHA, TIH w/new lateral assbly, drlg f/9998-15682' TD.

7/12/18: Circ, pmp slug, TOH w/lateral BHA.

7/13/18: Notify BLM, Stevens, of csg/cmt job, TIH w/reamer assbly, Circ.

7/14/18: LDDP, RU CRT & Byrd csg, run 7" csg f/surf to 4993' (7" DVT @ 4993', 7" MJ @ 4995', 7" XO @ 5018', run packers plus & 5-1/2" 20# L80 LTC csg f/5020-15660' TD.

7/15/18: Burp csg, Circ, drop bomb, open DVT, cmt csg w/LEAD: 550sx Poz C w/5% salt, 6% gel, 0.2% retarder, 0.4#/sk defoamer (2.03yld, 12.6ppg) TAIL: 210sx PVL w/1.3% salt, 5% expanding agent, 6% gel, 0.2% retarder, 0.4#/sk defoamer (1.47yld, 13.0ppg), Circ 276sx to surf, ND BOP, Intstall TA cap, RR 7/16/18