

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS** <sup>OCd Artesia</sup>  
*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.  
NMLC029435B

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
NFE FEDERAL COM 48H

9. API Well No.  
30-015-43442-00-X1

10. Field and Pool, or Exploratory  
CEDAR LAKE

11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
APACHE CORPORATION

Contact: MARGARET A DRENNAN  
E-Mail: margaret.drennan@apachecorp.com

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

3b. Phone No. (include area code)  
Ph: 432-818-1150  
Fx: 432-818-1198

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T17S R31E Lot 5 1915FNL 330FWL

**12. CHECK 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"/> Fracture Treat	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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

12/23/15: SPUD WELL.

12/23/15: Surf 17-1/2" hole; 13-3/8", 48#, H-40, STC csg set @ 451'; ran 7 centralizers.  
Lead Cmt 26 bbls/100 sx CI C (14.6 ppg, 1.49 yld).  
Tail Cmt 107 bbls/450 sx CI C (14.8 ppg, 1.33 yld).  
Circ 23 bbls/81 sx to surface.

12/24/15: Surf csg pressure test: 1,200 psi/30 min - OK.

12/24/15 to 12/26/15: Drl'd fr 451' to 3,505'.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
FEB 17 2016  
RECEIVED

Accepted for record  
RD NMLC00 2/26/16

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

Electronic Submission #328096 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/11/2016 (16PP0097SE)

Name (Printed/Typed) MARGARET A DRENNAN Title DRILLING TECH III

Signature (Electronic Submission) Date 01/08/2016

**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 \_\_\_\_\_

ACCEPTED FOR RECORD  
PETROLEUM ENGINEER  
FEB - 9 2016  
Kenneth Bennick  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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 provide to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Additional data for EC transaction #328096 that would not fit on the form**

**32. Additional remarks, continued**

Inter 12-1/4" hole, 9-5/8", 40#, J-55, LTC csg set @ 3,505'; ran 29 centralizers.

12/26/15 - 12/27/15: Lead Cmt 492 bbls/1,500 sx 35/65 Poz C (12.9 ppg, 1.84 yld). Tail Cmt 71 bbls/300 sx CI C (14.80 ppg, 1.32 yld).

12/27/15: Circ 122 bbls/372 sx to surf.  
Interm csg pressure test: 2,000 psi/30 min - OK.

12/28/15 to 01/04/16: Drld fr 3,505' to 10,170'.

01/04/16: Prod 8-1/2" hole, 7" 29#, L-80, LTC csg set @ 10,157', fr 0'-4,714'  
Ran tapered string 5-1/2", 20#, L-80, LTC fr 4,714'-10,157', with Packers Plus; ran 28 centralizers.

DVT: 4,713.62'.

Lead Cmt: 150 bbls/420 sx Poz C (12.6 ppg, 2.0 yld). Tail Cmt: 53 bbls/210 sx CI C (13.0 ppg, 1.42 yld).  
Circ 45 bbls/126 sx to surf.

TD well @ 10,170'.

01/05/16: RR.



Rennick, Kenneth <krennick@blm.gov>

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## NFE Federal Com 48H - Subsequent Report Locations of 2 Additional Packers

2 messages

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**Rennick, Kenneth** <krennick@blm.gov>  
To: margaret.drennan@apachecorp.com

Mon, Feb 8, 2016 at 10:52 AM

Hello Ms. Margaret Drennan,

I hope all is well!!

I am reviewing the subsequent for the reference well.

Everything is in order. However, I am interested in knowing the locations of the 2 packers isolating the Glorieta formation. Note these packers were referred to in Page 1 of the Drilling Program, right below Section 2 of the Casing Program.

So if you may provide this information that will be greatly appreciated.

Best Regards,

Kenneth Rennick

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Kenneth Rennick

Petroleum Engineer  
Bureau of Land Management  
Carlsbad Field Office  
(575) 234-5964  
krennick@blm.gov

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**Drennan, Margaret** <Margaret.Drennan@apachecorp.com>  
To: "Rennick, Kenneth" <krennick@blm.gov>  
Cc: "Flores, Sorina" <Sorina.Flores@apachecorp.com>

Mon, Feb 8, 2016 at 3:51 PM

Good Afternoon Mr. Rennick,

I asked about this well; the Geologist claims the Glorieta is from 4,526'-4,589'. The Engineer ran a DVT at 4,713.62' (below the Glorieta) and cemented to surface (covering the Glorieta). Circulating 45 bbls/126sx to surface. Please let me know if you need any additional information, I will do my best to get it back to you immediately.

Respectfully,

Margaret Drennan

**From:** Rennick, Kenneth [mailto:krennick@blm.gov]

**Sent:** Monday, February 08, 2016 11:52 AM

**To:** Drennan, Margaret <Margaret.Drennan@apachecorp.com>

**Subject:** NFE Federal Com 48H - Subsequent Report Locations of 2 Additional Packers

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