

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.
NMLC029435B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

8. Well Name and No.
NFE FEDERAL COM 47H9. API Well No.
30-015-4350710. Field and Pool, or Exploratory
CEDAR LAKE; GLORIETA-YESO11. County or Parish, and State
EDDY COUNTY COUNTY, NM**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
	<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/BLA. 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

01/11/16: SPUD WELL.

01/11/16: Surf 17-1/2" hole; 13-3/8", 48#, H40 STC csg set @ 476'; ran 8 centralizers.

01-12-16: Lead Cmt: 28 bbls/100 sx Cl C (14.6 ppg, 1.52 yld)
Tail Cmt: 111 bbls/470 sx Cl C (14.8 ppg, 1.33 yld).
Circ 16 bbls/60 sx to surf.
Surf csg pressure test: 1,200 psi/30 min - OK.

01-12-16 to 01-14-16: Drld fr 476' - 3,505'.

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 29 2016

RECEIVED
See Email for additional
InformationAccepted for record
NMOC
3/1/16

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

Electronic Submission #330099 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/29/2016 ()

Name (Printed/Typed) MARGARET A DRENNAN

Title DRILLING TECH III

Signature (Electronic Submission)

Date 01/28/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Kenneth Rennick

Date

FEB 20 2016

PETROLEUM ENGINEER

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Approved By _____ Title _____
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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #330099 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.

01-14-16 to 01-15-16: Lead Cmt 430 bbls/1,300 sx 35/65 Poz C (12.90 ppg, 1.84 yld).
Tail Cmt 70 bbls/300 sx CI C (14.8 ppg, 1.32 yld).
Circ 182 bbls/555 sx to surf.

01-15-16: Inter csg pressure test: 2,000 psi/30 min - OK.

01-15-16 to 01-22-16: Drld fr 3,505 - 9,068'.

Prod 8-1/2" hole, 7", 29#, HCL-80, LTC csg set @ 9,060'., fr 0' - 4,888'
Ran tapered string 5-1/2", 20#, L-80, LCT fr 4,888' - 9,060' with Packers Plus; ran 29 centralizers.

DVT: 4,462.72'

01-22-16: Lead Cmt: 149 bbls/420 sx Poz C (12.6 ppg, 1.99 yld)
Tail Cmt: 54 bbls/210 sx CI C (13.0 ppg, 1.44 yld).
Circ 56 bbls/158 sx to surf.

TD well @ 9,068'

01-23-16: RR



Rennick, Kenneth <krennick@blm.gov>

NFE Federal Com 47H - Subsequent Report2 messages

Rennick, Kenneth <krennick@blm.gov>

Wed, Feb 10, 2016 at 9:58 AM

To: "Drennan, Margaret" <margaret.drennan@apachecorp.com>

Hello Again Ms. Margaret Drennan,

Similar deal as with the 48H.

But this time I notice that the DVT is located at 4463, which is shallower for the DVT for the 48H.

Were packers run to isolate the Gloriata for this well?

Thank You in Advance!!

Kenneth Rennick

—

Kenneth Rennick

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

Drennan, Margaret <Margaret.Drennan@apachecorp.com>

Tue, Feb 16, 2016 at 8:58 AM

To: "Rennick, Kenneth" <krennick@blm.gov>

Mr. Rennick,

I apologize for not getting back with you sooner. I checked with the Geologist, they show the Glorieta is from 4,665' – 4,750'. The drilling engineer confirmed that there were packers set at 4,804.40'-4,809', 4,618.71'-4,623' and 4,516.50'-4,524' and cemented to surface. Circulating 56 bbls/158 sx to surface. Please let me know if you need anything further.

Again, sorry for the delay.

Respectfully,

Margaret Drennan

From: Rennick, Kenneth [mailto:krennick@blm.gov]
Sent: Wednesday, February 10, 2016 10:59 AM
To: Drennan, Margaret <Margaret.Drennan@apachecorp.com>
Subject: NFE Federal Com 47H - Subsequent Report

[Quoted text hidden]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
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NMLC029435B

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

8. Well Name and No.
NFE FEDERAL COM 47H9. API Well No.
30-015-43507-00-X110. Field and Pool, or Exploratory
CEDAR LAKE11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: MARGARET A DRENNAN
E-Mail: margaret.drennan@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. 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 5 T17S R31E SWNE 2535FNL 715FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<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	Well Spud
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BLM-CO-1463 NATIONWIDE/NMB000736

01/11/16: SPUD WELL.

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

Electronic Submission #328413 verified by the BLM Well Information System

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 01/13/2016 (16PP0112SE)

Name (Printed/Typed) MARGARET A DRENNAN

Title DRILLING TECH III

Signature (Electronic Submission)

Date 01/13/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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**Kenneth Rennick****FEB 10 2016**
PETROLEUM ENGINEER

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BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****