

# NM OIL CONSERVATION ARTESTA DISTRICT

NOV 23 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029435B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
APACHE CORPORATION Contact: EMILY FOLLIS  
E-Mail: Emily.Follis@apachecorp.com

8. Lease Name and Well No.  
NFE FEDERAL COM 58H

3. Address 303 VETERANS AIRPARK LANE SUITE 1000  
MIDLAND, TX 79705

3a. Phone No. (include area code)  
Ph: 432-818-1801

9. API Well No.  
30-015-43088

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SENE Lot 17S Tract 31E 1672FNL 85FEL

At top prod interval reported below SENE 1823FNL 342FWL

At total depth SENE 1823FNL 342FWL

10. Field and Pool, or Exploratory  
CEDAR LAKE; GLORIETA-YES0

11. Sec., T., R., M., or Block and Survey  
or Area Sec 8 T17S R31E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
06/29/2015

15. Date T.D. Reached  
07/13/2015

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/09/2015

17. Elevations (DF, KB, RT, GL)\*  
3868 GL

18. Total Depth: MD 9785  
TVD

19. Plug Back T.D.: MD 9785  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL-CNL-GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

### 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	513		560		218	
12.500	9.625 J55	40.0	0	3514		1400		199	
8.500	7.000 L80	29.0	0	4598		650		178	
8.500	5.000 L80	20.0	0	9747					

### 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4845							

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADOCK	4953	9785	5440 TO 9738			OPEN HOLE- PRODUCING
B)						
C)						
D)						

### 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5440 TO 9738	TOTAL ACID 2862 BBL, & TOTAL SAND 3,034,560#

### 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/09/2015	11/15/2015	24	→	106.0	63.0	1509.0		37.00	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				594	POW	

### 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #323924 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*AB*

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	440	595	ANHDRITE, DOLOMITE W	RUSTLER	440
SALADO	595	1612	ANHDRITE, DOLOMITE W	SALADO	595
TANSIL	1612	1749	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1612
YATES	1749	2029	SANDSTONE	YATES	1749
SEEVEN RIVERS	2029	2650	SANDSTONE, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	2029
QUEEN	2650	3080	SANDSTONE, DOLO, LIMESTONE O/G/W	QUEEN	2650
GRAYBURG	3080	3360	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	3080
SAN ANDRES	3360	4873	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3360

32. Additional remarks (include plugging procedure):  
Glorieta Sandstone O/G/W 4873 - 4953  
Paddock dolomite O/G/w 4953 - TD

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #323924 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/18/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***