

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

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

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** 3a. Phone No. (include area code)  
**MIDLAND, TX 79705** 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** 19. Plug Back T.D.: **MD 9785** 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) <b>PADOCK</b>	<b>4953</b>	<b>9785</b>	<b>5440 TO 9738</b>			<b>OPEN HOLE- PRODUCING</b>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>5440 TO 9738</b>	<b>TOTAL ACID 2862 BBL, &amp; TOTAL SAND 3,034,560#</b>

**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
<b>11/09/2015</b>	<b>11/15/2015</b>	<b>24</b>	<b>→</b>	<b>106.0</b>	<b>63.0</b>	<b>1509.0</b>		<b>37.00</b>	<b>ELECTRIC PUMP SUB-SURFACE</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			<b>→</b>				<b>594</b>	<b>POW</b>	

**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
			<b>→</b>						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			<b>→</b>						

*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	Tbg. 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	Tbg. 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.

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