

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION  
ARTESIA DISTRICT

SEP 26 2016

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029435B1a. 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.  
NMNM1340862. Name of Operator  
APACHE CORPORATION

Contact: EMILY FOLLIS

E-Mail: Emily.Follis@apachecorp.com

8. Lease Name and Well No.  
CEDAR LAKE FEDERAL CA 646H3. Address 303 VETERANS AIRPARK LANE SUITE 1000  
MIDLAND, TX 797053a. Phone No. (include area code)  
Ph: 432-818-18019. API Well No.  
30-015-43443

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

At surface Sec 6 T17S R31E Mer  
SWNW 1980FNL 330FWLAt top prod interval reported below Sec 5 T17S R31E Mer  
SWNW 1998FNL 547FWLAt total depth Sec 5 T17S R31E Mer  
SWNW 1998FNL 547FWL10. Field and Pool, or Exploratory  
CEDAR LAKE: GLORIETA-YESO11. Sec., T., R., M., or Block and Survey  
or Area Sec 6 T17S R31E Mer12. County or Parish  
EDDY COUNTY13. State  
NM14. Date Spudded  
12/09/201515. Date T.D. Reached  
12/21/201516. Date Completed  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, KB, RT, GL)\*  
3759 GL18. Total Depth: MD 9827  
TVD 487019. Plug Back T.D.: MD 9827  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL-CBL-GR-CCL22. 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's. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8.500	5.500 L80	20.0		9797					
17.500	13.375 H40	48.0	0	460		650			
12.250	9.625 J55	40.0	0	3511		1820			
8.500	7.000 L80	29.0	0	4292		630			

## 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	4548							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO/PADDOCK	4625	9827	5095 TO 9788			OPEN HOLE PRODUCING
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
5095 TO 9788	TOTAL SAND 4,811,640# & TOTAL ACID 3055 BBL

## 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
08/13/2016	08/29/2016	24	→	273.0	759.0	1380.0	37.0		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	
			→				2780	POW	

## 28a. Production - Interval B

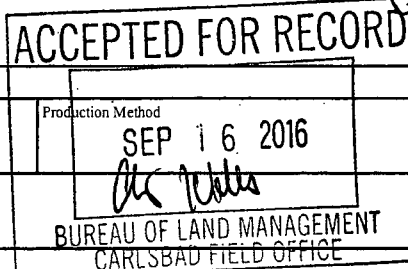
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #349614 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due 2/13/2017



## 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	300	456	ANHYDRITE, DOLOMITE W	RUSTLER	300
SALADO	456	1362	ANHYDRITE, DOLOMITE W	SALADO	456
TANSIL	1362	1517	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1362
YATES	1517	1787	SANDSTONE O/G/W	YATES	1517
SEVEN RIVERS	1787	2385	SS, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	1787
QUEEN	2385	2804	SS, DOLO, LIMESTONE O/G/W	QUEEN	2385
GRAYBURG	2804	3107	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	2804
SAN ANDRES	3107	4542	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3107

## 32. Additional remarks (include plugging procedure):

GLORIETA 4542 - 4625 SANDSTONE O/G/W  
PADDOCK 4625 - TD(9827) DOLOMITE O/G/W

## 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 #349614 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) EMILY FOLLISTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 08/31/2016

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 \*\***