

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029426A

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.
CEDAR LAKE FEDERAL CA 412H

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.
30-015-43523

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 4 T17S R31E Mer
 At surface NWNE Lot 1 1019FNL 952FEL
 Sec 3 T17S R31E Mer
 At top prod interval reported below NENE 361FNL 334FEL
 Sec 3 T17S R31E Mer
 At total depth NENE 361FNL 334FEL

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 4 T17S R31E Mer

12. County or Parish
EDDY COUNTY
 13. State
NM

14. Date Spudded
06/20/2017
 15. Date T.D. Reached
7-4-2017
 16. Date Completed
 D & A Ready to Prod.
12-14-17

17. Elevations (DF, KB, RT, GL)*
3959 GL

18. Total Depth: MD 11040
TVD 5300
 19. Plug Back T.D.: MD
TVD 4695
 20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-CNL-CCL
 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0		660		600			
12.250	9.625 J55	36.0		3500		1400			
8.500	7.000 L80	29.0		4695		650			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.865	5073							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5044	11040	5573 TO 10731			PRODUCING
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5573 TO 10731	TOTAL ACID 2,293 BBL, TOTAL SAND 3,553,540 #

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 23 2018

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/14/2017	12/31/2017	24	→	288.0	277.0	1248.0			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	
			→				961	POW	

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

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 #400475 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

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	556	715		RUSTLER	556
SALADO	715	1744		SALADO	715
TANSIL	1744	1910		TANSIL	1744
YATES	1910	2180		YATES	1910
SEVEN RIVERS	2180	2799		SEVEN RIVERS	2180
QUEEN	2799	3199		QUEEN	2799
GRAYBURG	3199	3506		GRAYBURG	3199
SAN ANDRES	3506	4981		SAN ANDRES	3506

32. Additional remarks (include plugging procedure):
 San Andres Dolomite, limestone, SS O/G/W 3506 4981
 Gorieta Sandstone O/G/W 4,981 5044
 Paddock Dolomite O/G/W 5,044 TD (11,040')

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 #400475 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 01/11/2018

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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