

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160 4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ADD 18 2018
OCD Artesia

FORM APPROVED
OMB No 1004 0137
Expires July 31 2010

WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

5 Lease Serial No
NMLC029426B

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
NMNM134086

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 301H

3 Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND TX 79705
3a Phone No (include area code) Ph 432-818-1801

9 API Well No
30-015-43561-00-S1

4 Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Sec 3 T17S R31E Mer NMP SWNW 1880FNL 183FWL
 At top prod interval reported below Sec 4 T17S R31E Mer NMP SWNW 1892FNL 345FWL
 At total depth Sec 4 T17S R31E Mer NMP SWNW 1892FNL 345FWL

10 Field and Pool, or Exploratory
CEDAR LAKE

11 Sec, T, R, M, or Block and Survey
or Area Sec 3 T17S R31E Mer NMP

12 County or Pansh EDDY
13 State NM

14 Date Spudded 07/09/2017
15 Date T D Reached 7/22/2017
16 Date Completed D & A Ready to Prod 12/14/2017

17 Elevations (DF, KB, RT, GL)*
3952 GL

18 Total Depth MD 10137 TVD
19 Plug Back T D MD 4673 TVD
20 Depth Bridge Plug Set MD TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-CNL-GR-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 J55	48 0		683		600			
12 250	9 625 J55	36 0		3534		1400			
8 500	7 000 L80	29 0	3534	4676		650			
8 500	5 500 L80	29 0	4701	10137					

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	4985							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) GLORIETA YESO			5500 TO 10137			PRODUCING
B) PADDOCK	5243	10137				
C)						
D)						

27 Acid, Fracture Treatment Cement Squeeze Etc

Depth Interval	Amount and Type of Material
5500 TO 10137	TOTAL ACID 1 904 BBL TOTAL SAND 3 012 500 #

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
12/14/2017	12/29/2017	24	→	367 0	344 0	1050 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	
			→	367	344	1050	937	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	
			→						

ACCEPTED FOR RECORD
APR 13 2018
Miriah Negrete
BUREAU OF LAND MANAGEMENT
CARTERSVILLE, GA

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #399718 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

Reclamation Due 6/14/2018

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	568	717	ANHYDRITE DOLOMITE W	RUSTLER	568
SALADO	717	1742	ANHYDRITE DOLOMITE W	SALADO	717
TANSILL	1742	1892	ANHYDRITE SALT DOLO SS OGW	TANSILL	1742
YATES	1892	2171	SANDSTONE OGW	YATES	1892
SEVEN RIVERS	2171	2775	SS DOLOMITE LIMESTONE OGW	SEVEN RIVERS	2171
QUEEN	2775	3186	SS DOLOMITE LIMESTONE OGW	QUEEN	2775
GRAYBURG	3186	3508	DOLO LIMESTONE SS OGW	GRAYBURG	3186
SAN ANDRES	3508	5002	DOLO LIMESTONE SS OGW	SAN ANDRES	3508

32 Additional remarks (include plugging procedure)
Glorieta 5002 - 5243 SANDSTONE
Paddock 5243 - TD (10 137) DOLOMITE

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 #399718 Verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (18DW0043SE)**

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 01/05/2018

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

**** REVISED ** REVISED ****