

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 18 2018
OCD Artesia

FORM APPROVED
OMB No 1004 0137
Expires July 31 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

5 Lease Serial No NMLC029435A
6 If Indian, Allottee or Tribe Name
7 Unit or CA Agreement Name and No NMNM134086
8 Lease Name and Well No CEDAR LAKE FEDERAL CA 762H
9 API Well No 30-015-44398-00-S1
10 Field and Pool, or Exploratory CEDAR LAKE
11 Sec, T, R, M, or Block and Survey or Area Sec 7 T17S R31E Mer NMP
12 County or Parish EDDY
13 State NM
17 Elevations (DF, KB, RT GL)* 3716 GL
22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr Other
2 Name of Operator APACHE CORPORATION
Contact EMILY FOLLIS E-Mail Emily.Follis@apachecorp.com
3 Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705
3a Phone No (include area code) Ph 432-818-1801
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 7 T17S R31E Mer NMP At surface SESE 450FSL 75FEL 32 843002 N Lat 103 905716 W Lon Sec 8 T17S R31E Mer NMP At top prod interval reported below SESE 890FSL 330FEL Sec 8 T17S R31E Mer NMP At total depth SESE 890FSL 330FEL
14 Date Spudded 09/03/2017
15 Date T D Reached 09/29/2017
16 Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod 09/30/2017
18 Total Depth MD TVD 10250
19 Plug Back T D MD TVD 4813
20 Depth Bridge Plug Set MD TVD
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-CNL-GR-CCL

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		414		500			
12 250	9 625 J55	36 0		3550		1400			
8 500	7 000 L80	29 0		4860		660			
8 500	5 500 L80	20 0		10250					

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	5133							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) GLORIETA YESO			5814 TO 10101			PRODUCING
B) BLINEBRY	5246	10101				
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

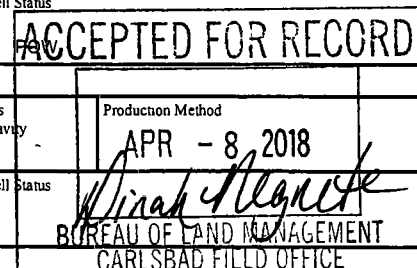
Depth Interval	Amount and Type of Material
5814 TO 10101	TOTAL ACID 1912 BBL TOTAL SAND 2 995 315 #

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
12/02/2007	12/09/2017	24	→	418 0	353 0	453 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	
			→	418	353	453	844		

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 #398301 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 3/30/18

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	265	436	ANHYDRITE, DOLOMITE W	RUSTLER	265
SALADO	436	1345	ANHYDRITE, DOLOMITE W	SALADO	436
TANSILL	1345	1509	ANHYDRITE, SALT DOLO, SS OGW	TANSILL	1345
YATES	1509	1789	SANDSTONE OGW	YATES	1509
SEVEN RIVERS	1789	2418	SANDSTONE, DOLO, LIMESTONE OGW	SEVEN RIVERS	1789
QUEEN	2418	2795	SANDSTONE, DOLO LIMESTONE OGW	QUEEN	2418
GRAYBURG	2795	3106	DOLOMITE LIMESTONE SS OGW	GRAYBURG	2795
SAN ANDRES	3106	4621	DOLOMITE LIMESTONE SS OGW	SAN ANDRES	3106

32 Additional remarks (include plugging procedure)
 Gloneta Sandstone O/G/W 4 621 4678
 Paddock Dolomite O/G/W 4 678 5246
 Blinbry Dolomite O/G/W 5246 TD(10 250)

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 #398301 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 (18DW0036SE)**

 Name (please print) EMILY FOLLIS

 Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

 Date 12/18/2017

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