NM OIL CONSERVATION
ARTESIA DISTRICT
OCD Artesia

Form 3160 4
(August 2007)

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

RECEIVED

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
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 549H

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
30-015-43508-00-S1

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

At surface SWNW 2510FNL 715FWL

At top prod interval reported below SWNW 1957FNL 324FEL

At total depth SWNW 1957FNL 324FEL

10 Field and Pool, or Exploratory
CEDAR LAKE

11 Sec , T , R , M , or Block and Survey or Area Sec 5 T17S R31E Mer NMP

12 County or Parish
EDDY

13 State
NM

14 Date Spudded
03/30/2017

15 Date T D Reached
04/14/2017

16 Date Completed
☐ D & A ☒ Ready to Prod
04/15/2017

17 Elevations (DF, KB, RT, GL)*
3795 GL

18 Total Depth MD 9891 TVD 4863

19 Plug Back T D MD 9891 TVD

20 Depth Bridge Plug Set MD TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-RENEGADE

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	0	498		520			
12 250	9 625 J55	40 0	0	3495		1550			
8 500	7 000 L80	29 0	0	4863		700			
8 500	5 500 L80	20 0	4860	9491					

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	4639							

25 Producing Intervals

	Formation	Top	Bottom
A)	GLORIETA YESO		
B)	BLINEBRY	5744	9491
C)			
D)			

26 Perforation Record

Perforated Interval	Size	No Holes	Perf Status
5744 TO 9491			OPEN HOLE

27 Acid Fracture Treatment Cement Squeeze Etc

Depth Interval	Amount and Type of Material
5744 TO 9491	TOTAL SAND 4 469 681# TOTAL ACID 3 132 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
07/11/2017	07/26/2047	24	→	243 0	109 0	0 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
			→	243	109	0	449	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
07/11/2017	07/26/2017	24	→	243 0	109 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
			→	243	109	659	448	POW

ACCEPTED FOR RECORD
APR - 8 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #383211 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Reela Martin Dac: 10/18/2017

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	360	572	ANHYDRITE,DOLOMITE W	RUSTLER	360
SALADO	572	1403	ANHYDRITE,DOLOMITE W	SALADO	572
TANSILL	1403	1582	ANHYDRITE SALT DOLO SS O/G/W	TANSILL	1403
YATES	1582	1834	SANDSTONE O/G/W	YATES	1582
SEVEN RIVERS	1834	2447	SS DOLO LIMESTONE O/G/W	SEVEN RIVERS	1834
QUEEN	2447	2895	SS,DOLO LIMESTONE O/G/W	QUEEN	2447
GRAYBURG	2895	3219	DOLO LIMESTONE SS O/G/W	GRAYBURG	2895
SAN ANDRES	3219	4665	DOLO LIMESTONE,SS O/G/W	SAN ANDRES	3219

32 Additional remarks (include plugging procedure)
GLORIETA - SANDSTONE O/G/W 4665 - 4750
PADDOCK - DOLOMITE O/G/W 4750 - 5200
BLINEBRY - DOLOMITE O/G/W 5200 - TD (9491)

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 #383211 Verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/12/2017 (17DW0113SE)

Name (*please print*) EMILY FOLLIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 07/31/2017

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 fradulent statements or representations as to any matter within its jurisdiction

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