

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION DISTRICT
OCD Artesia
APR 18 2018
RECEIVED

FORM APPROVED
OMB No 1004 0137
Expires July 31 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well Oil Well Gas Well Dry Other

b Type of Completion New Well Work Over Deepen Plug Back 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)*
At surface Lot 1 1108FNL 962FEL
At top prod interval reported below Lot 4 424FNL 356FWL
At total depth Lot 4 424FNL 356FWL

5 Lease Serial No NMLC029426B

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 409H

9 API Well No 30-015-43520-00-S1

10 Field and Pool, or Exploratory CEDAR LAKE

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

12 County or Parish EDDY 13 State NM

14 Date Spudded 01/08/2017 15 Date T D Reached 01/20/2017 16 Date Completed D & A Ready to Prod 01/21/2017

17 Elevations (DF, KB, RT, GL)* 3956 GL

18 Total Depth MD 9515 TVD 19 Plug Back T D MD 5551 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
12 250	9 625 J55	40 0		3500		1400			
8 500	5 500 L80	20 0		9498					
17 500	13 375 H40	48 0	0	660		600			
8 500	7 000 L80	20 0	5094	9498		660			

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	5439							

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) BLINEBRY			5954 TO 9508			PRODUCING - GL-YESO 96831
B) GLORIETA YESO						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze Etc

Depth Interval	Amount and Type of Material
5954 TO 9508	TOTAL ACID 1666 BBL TOTAL SAND 2 645 500 #

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
12/09/2017	12/27/2018	24	→	239 0	334 0	1242 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	
	SI		→	239	334	1242	1397	POV	

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	
	SI		→						

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 #399888 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

Reclamation Due: 7/21/17

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)
UNKNOWN

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, tube tool open, flowing and shut-in pressures and recoveries

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
RUSTLER	562	707	ANHYDRITE, DOLOMITE W	RUSTLER	562
SALADO	707	1742	ANHYDRITE DOLOMITE W	SALADO	707
TANSILL	1742	1895	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1742
YATES	1895	2175	SANDSTONE	YATES	1895
SEVEN RIVERS	2175	2791	SS DOLO, LIMESTONE O/G/W	SEVEN RIVERS	2175
QUEEN	2791	3200	SS DOLO LIMESTONE O/G/W	QUEEN	2791
GRAYBURG	3200	3519	SS DOLO LIMESTONE O/G/W	GRAYBURG	3200
SAN ANDRES	3519	4996	DOLO LIMESTONE SS O/G/W	SAN ANDRES	3519

32 Additional remarks (include plugging procedure)

Glonya 4996-5055' Sandstone
Paddock 5055 - 5588
Blinbery 5588 - 9515'(TD)

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 #399888 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 (18DW0044SE)

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/08/2018

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 ****