

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCD
APR 13 2018
District II ARTESIA O.C.D.

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. a. 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)*
 Sec 3 T17S R31E Mer NMP At surface SWNW 1815FNL 157FWL
 Sec 4 T17S R31E Mer NMP At top prod interval reported below SWNW 1810FNL 329FWL
 Sec 4 T17S R31E Mer NMP At total depth SWNW 1810FNL 329FWL

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 303H

9. API Well No. 30-015-43559-00-S1

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 Parish EDDY 13. State NM

14. Date Spudded 08/05/2017 15. Date T.D. Reached 16. Date Completed D & A Ready to Prod. 12/09/2017 17. Elevations (DF, KB, RT, GL)* 3952 GL

18. Total Depth: MD 10558 TVD 19. Plug Back T.D.: MD 5565 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	13.375 J55	48.0		665		600			
17.500	9.625 J55	36.0		3543		1400			
8.500	7.000 L80	29.0		5312		650			
8.500	5.500 L-80	17.0	5130	10534					

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	5649							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			6010 TO 10558			PRODUCING
B) BLINEBRY	5544	10558				
C)						
D)						

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

Depth Interval	Amount and Type of Material
6010 TO 10558	TOTAL ACID 1865 BBL, TOTAL SAND 2,814,330#

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	12/08/2017	24	→	279.0	330.0	1100.0	1182.0		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	
			→	279	330	1100		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
12/09/2017	12/08/2017	24	→	279.0	330.0	1100.0			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	
			→	279	330	1100		POW	

ACCEPTED FOR RECORD
 APR 13 2018
 Bureau of Land Management
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #399382 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED **

Reclamation Due: 6/9/2018

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	569	718	ANHYDRITE, DOLOMITE W	RUSTLER	569
SALADO	718	1743	ANHYDRITE, DOLOMITE W	SALADO	718
TANSILL	1743	1893	ANHYDRITE, SALT, DOLO, SS OGW	TANSILL	1743
YATES	1893	2172	SANDSTONE OGW	YATES	1893
SEVEN RIVERS	2172	2176	SS, DOLO, LIMESTONE OGW	SEVEN RIVERS	2172
QUEEN	2176	3187	SS, DOLO, LIMESTONE OGW	QUEEN	2176
GRAYBURG	3187	3509	DOLO, LIMESTONE, SS OGW	GRAYBURG	3187
SAN ANDRES	3509	5003	DOLO, LIMESTONE, SS OGW	SAN ANDRES	3509

32. Additional remarks (include plugging procedure):
 GLORIETA 5003 - 5244 SANDSTONE OGW
 PADDOCK 5244 - 5544 DOLOMITE OGW
 BLINEBRY 5544 - TD (10,558)

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 #399382 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 (18DW0041SE)

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST
 Signature _____ (Electronic Submission) Date 01/03/2018

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 ****