

OCD Artesia  
**NM OIL CONSERVATION DISTRICT**  
ARTESIA DISTRICT  
JAN 31 2018

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMLC029426A

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 302H

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.  
30-015-43560-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SWNW 1855FNL 173FWL  
At top prod interval reported below SENE 1850FNL 333FEL  
At total depth SENE 1850FNL 333FEL

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  
07/09/2017

15. Date T.D. Reached  
08/02/2017

16. Date Completed  
 D & A  Ready to Prod.  
08/03/2017

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

18. Total Depth: MD 9823  
TVD

19. Plug Back T.D.: MD  
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		660		✓ 600			
✓ 12.250	9.625 J55	36.0		3525		✓ 1400			
17.500	13.375 H-40	48.0	0	650		270		0	
12.250	9.625 J-55	36.0	0	3500	1800	690		0	
8.500	7.000 L-80	26.0	0	4761		220		2500	
✓ 8.500	7.000 L80	29.0	3525	9785		✓ 650			

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	5035							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			5493 TO 9785			PRODUCING
B) PADDOCK	5245	9785				
C)						
D)						

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

Depth Interval	Amount and Type of Material
5493 TO 9785	TOTAL SAND 2,783,610#, TOTAL ACID 1,904 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
12/19/2017	12/19/2017	24	→	295.0	196.0	1089.0			POW
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	295	196	1089	664		

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  
JAN 13 2018  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #399123 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

Reclamation due by 02/03/2018

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	570	719	ANHYDRITE, DOLO W	RUSTLER	570
SALADO	719	1744	ANHYDRITE, DOLO W	SALADO	719
TANSILL	1744	1894	ANHYDRITE, SALT, DOLO, SS OGW	TANSILL	1744
YATES	1894	2173	SANDSTONE OGW	YATES	1894
SEVEN RIVERS	2173	2777	SS, DOLO, LIMESTONE OGW	SEVEN RIVERS	2173
QUEEN	2777	3188	SS, DOLO, LIMESTONE OGW	QUEEN	2777
GRAYBURG	3188	3510	DOLO, LIMESTONE, SS OGW	GRAYBURG	3188
SAN ANDRES	3510	5004	DOLO, LIMESTONE, SS OGW	SAN ANDRES	3510

32. Additional remarks (include plugging procedure):

GLORIETA 5004-5245 SANDSTONE OGW  
PADDOCK 5245-TD(9785') DOLOMITE OGW

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 #399123 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 (18DW0039SE)**

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 12/28/2017

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 \*\***

**Additional data for transaction #399123 that would not fit on the form**

**23. Casing and Liner Record, continued**

<b>Hole Size</b>	<b>Size/Grade</b>	<b>Wt. (#/ft.)</b>	<b>Top(MD)</b>	<b>Btm(MD)</b>	<b>Stg Cmnr</b>	<b>Sx,Type Cmnr</b>	<b>Slurry Vol</b>	<b>Cement Top</b>	<b>Amt Pulled</b>
8.500	5.500 L80	20.0	4732	9785					
8.500	5.500 L-80	17.0	4761	9811					

**Revisions to Operator-Submitted EC Data for Well Completion #399123**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMLC029426A	NMLC029426A
Agreement:		NMNM134086 (NMNM134086)
Operator:	APACHE CORPORATION 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705 Ph: 432-818-1801	APACHE CORPORATION 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705 Ph: 432.818.1000
Admin Contact:	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com  Ph: 432-818-1801	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com  Ph: 432-818-1801
Tech Contact:	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com  Ph: 432-818-1801	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com  Ph: 432-818-1801
Well Name: Number:	CEDAR LAKE FEDERAL CA 302H	CEDAR LAKE FEDERAL CA 302H
Location: State: County: S/T/R: Surf Loc:	NM EDDY COUNTY Sec 3 T17S R31E Mer 1855FNL 173FWL	NM EDDY Sec 3 T17S R31E Mer NMP SWNW 1855FNL 173FWL
Field/Pool:	CEDAR LAKE;GLORIETA YESO	CEDAR LAKE
Logs Run:	CBL,CNL,GR,CCL	CBL CNL GR CCL
Producing Intervals - Formations:	PADDOCK	GLORIETA YESO PADDOCK
Porous Zones:	RUSTLER SALADO TANSIL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	RUSTLER SALADO TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES
Markers:	RUSTLER SALADO TANSIL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	RUSTLER SALADO TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES