

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCB NM OIL CONSERVATION  
Artesia DISTRICT

DEC 02 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC029426B	
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		6. If Indian, Allottee or Tribe Name	
2. Name of Operator APACHE CORPORATION		7. Unit or CA Agreement Name and No. NMNM134086	
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		8. Lease Name and Well No. CEDAR LAKE FEDERAL CA 148H	
3a. Phone No. (include area code) Ph: 432-818-1801		9. API Well No. 30-015-43409-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 470FNL 330FEL At top prod interval reported below NENE 471FNL 331FWL At total depth NENE 471FNL 331FWL		10. Field and Pool, or Exploratory CEDAR LAKE-GLORIETA-YESO	
14. Date Spudded 11/24/2015		11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R31E Mer NMP	
15. Date T.D. Reached 12/07/2015		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/14/2016		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3947 GL			
18. Total Depth: MD TVD	9741 5307	19. Plug Back T.D.: MD TVD	9711 5307
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL-CBL-GR		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)	

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
17.500	13.375 H-40	48.0	0	695		650	153	0	
12.250	9.625 J-55	40.0	0	3515		1100	345	0	
8.500	7.000 L-80	29.0	0	9720	4850	600	199	0	

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) PADDOCK	5198	9840	5777 TO 9613			OPEN HOLE PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5777 TO 9613	TOTAL SAND 2,880,744# , TOTAL ACID 2523 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
09/14/2016	09/24/2016	24	→	301.0	427.0	838.0	37.0		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	
			→	301	427	838	1418	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
			→						
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

DAVID R. GLASS  
OCT 27 2016

DAVID R. GLASS

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

ELECTRONIC SUBMISSION #353112 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

PETROLEUM ENGINEER

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

RECLAMATION DUE:

MAR 14 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	Fig. Press Hwg. St	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	Fig. Press Hwg. St	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	599	745	ANHYDRITE, DOLOMITE W	RUSTLER	599
SALADO	745	1779	ANHYDRITE, DOLOMITE W	SALADO	745
TANSILL	1779	1941	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1779
YATES	1941	2230	SANDSTONE O/G/W	YATES	1941
SEVEN RIVERS	2230	2850	SS, DOLO, LIMESTONE O/G/W	QUEEN	2850
QUEEN	2850	3264	SS, DOLO, LIMESTONE O/G/W	GRAYBURG	3264
GRAYBURG	3264	3600	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3600
SAN ANDRES	3600	5109	DOLO, LIMESTONE, SS O/G/W	GLORIETA	5109
GLORIETA	5109	5198		PADDOCK	5198
PADDOCK	5198	9840			

## 32. Additional remarks (include plugging procedure):

GLORIETA 5109 - 5198 SANDSTONE O/G/W  
PADDOCK 5198 - TD(9840') DOLOMITE O/G/W

## 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 #353112 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/26/2016 (17JAS0036SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/30/2016

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 \*\***