

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NMOC OIL CONSERVATION
ARTESIA DISTRICT
Artesia
JUN 20 2016
RECEIVEDFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 20105. Lease Serial No.
NMLC029435B1a. 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.
NMMN1340862. Name of Operator
APACHE CORPORATIONContact: ISABEL HUDSON
E-Mail: Isabel.Hudson@apachecorp.com8. Lease Name and Well No.
CEDAR LAKE FEDERAL CA 859H3. Address 303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053a. Phone No. (include area code)
Ph: 432-818-11429. API Well No.
30-015-43248-00-S1

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

At surface NESE 1755FSL 25FEL

At top prod interval reported below NESE 805FSL 331FWL

At total depth NESE 805FSL 331FWL

10. Field and Pool, or Exploratory
CEDAR LAKE-GLORIETA-YESO11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T17S R31E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
08/15/201515. Date T.D. Reached
01/28/201616. Date Completed
☐ D & A ☒ Ready to Prod.
01/28/201617. Elevations (DF, KB, RT, GL)*
3799 KB18. Total Depth: MD 10132
TVD 511619. Plug Back T.D.: MD 10132
TVD 511620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL CBL22. 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. (lb/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	427		440	105	0	
12.250	9.625 J-55	40.0	0	3528		1600	516	0	
8.500	7.000 L-80	29.0	0	4567		660	215	0	
7.875	5.500 L-80	20.0	4567	10132					

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	4820							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5419	10099	5419 TO 10099			OPEN HOLE PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5419 TO 10099	TOTAL ACID VOLUME= 2,920 BBLs / TOTAL SAND= 3,252,360#

Accepted for record - NMOC

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
01/28/2016	02/13/2016	24	→	290.0	393.0	1362.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL 290	Gas MCF 393	Water BBL 1362	Gas:Oil Ratio 1355	Well Status 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

/S/ DAVID R. GLASS
JUN 03 2016

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

ELECTRONIC SUBMISSION #331626 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

RECLAMATION DUE:
JUL 28 2016

PETROLEUM ENGINEER

P.S.
6/22/16

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.)
CAPTURED

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	392	553	ANHYDRITE, DOLOMITE W	RUSTLER	392
SALADO	553	1565	ANHYDRITE, DOLOMITE W	SALADO	553
TANSILL	1565	1701	ANHYDRITE/SALT/DOLO/SS O/G/W	TANSILL	1565
YATES	1701	1982	SANDSTONE O/G/W	YATES	1701
SEVEN RIVERS	1982	2601	SS/DOLO/LIMESTONE O/G/W	SEVEN RIVERS	1982
QUEEN	2601	3022	SS/DOLO/LIMESTONE O/G/W	QUEEN	2601
GRAYBURG	3022	3317	DOLO/LIMESTONE/SS O/G/W	GRAYBURG	3022
SAN ANDRES	3317	4847	DOLO/LIMESTONE/SS O/G/W	SAN ANDRES	3317
GLORIETA	4847	4914		GLORIETA	4847
PADDOCK	5419	10099		PADDOCK	4914

32. Additional remarks (include plugging procedure):

Glorieta 4847 4914 Sandstone O/G/W
Paddock 4914 TD Dolomite O/G/W
Blaineby 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 #331626 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by JENNIFER SANCHEZ on 05/20/2016 (16JAS1559SE)

Name (please print) ISABEL HUDSON

Title REG. ANALYST

Signature (Electronic Submission)

Date 02/16/2016

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 ****