

NMOCD
ArtesiaUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029435B

- 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

NMLC OIL CONSERVATION
ARTESIA DISTRICT
JUN 06 2016
RECEIVED6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
NMMN1340862. Name of Operator
APACHE CORPORATION
Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com8. Lease Name and Well No.
CEDAR LAKE FEDERAL CA 642H3. Address 303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053a. Phone No. (include area code)
Ph: 432-818-18019. API Well No.
30-015-42902-00-S1

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

At surface NESE 2065FSL 200FEL 32.861833 N Lat, 103.900653 W Lon

At top prod interval reported below NWSW 2074FSL 333FWL

At total depth NWSW 2074FSL 333FWL

10. Field and Pool, or Exploratory
CEDAR LAKE-YESO11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T17S R31E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
07/15/201515. Date T.D. Reached
07/29/201516. Date Completed
☐ D & A ☒ Ready to Prod.
04/15/201617. Elevations (DF, KB, RT, GL)*
3758 GL18. Total Depth: MD 9510
TVD 527719. Plug Back T.D.: MD 9510
TVD 527720. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL-CBL-GR-CCL22. 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	415		420	75	0	
12.000	9.625 J-55	40.0	0	3507		1500	481	0	
8.500	7.000 L-80	29.0	0	4794		355	208	0	
8.500	5.000 L-80	20.0	4794	9510					

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	5062							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5551	9486	5551 TO 9486			OPEN HOLE - PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5551 TO 9486	TOTAL ACID 2411 BBL, TOTAL SAND 2,840,210 #

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
04/15/2016	04/19/2016	24	→	495.0	195.0	986.0	37.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL 495	Gas MCF 195	Water BBL 986	Gas:Oil Ratio 394	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

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

ELECTRONIC SUBMISSION #337110 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **
DAVID R. GLASS

PETROLEUM ENGINEER

RECLAMATION DUE:
OCT 15 2016

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	Thg. 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	Thg. 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	401	533	ANHYDRITE, DOLOMITE W	RUSTLER	401
SALADO	533	1413	ANHYDRITE, DOLOMITE W	SALADO	533
TANSILL	1413	1547	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1413
YATES	1547	1819	SANDSTONE O/G/W	YATES	1547
SEVEN RIVERS	1819	2415	SS, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	1819
QUEEN	2415	2834	SS, DOLO, LIMESTONE O/G/W	QUEEN	2415
GRAYBURG	2834	3150	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	2834
SAN ANDRES	3150	4618	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3150
GLORIETA	4618	4670		GLORIETA	4618
PADDOCK	4670	5295		PADDOCK	4670
BLINEBRY	5295	9510		BLINEBRY	5295

32. Additional remarks (include plugging procedure):
 GLORIETA 4618 4670 SANDSTONE O/G/W
 PADDOCK 4670 5295 DOLOMITE O/G/W
 BLINEBRY 5295 TD DOLOMITE O/G/W

ORIGINAL WELL NAME - NFE FEDERAL COM 42H

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 #337110 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 (16JAS1578SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/21/2016

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 ** REVISED **