

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW 12/09/17
⁴ API Number 30015-43520	⁵ Pool Name CEDAR LAKE; GLORIETA-YESO	⁶ Pool Code 96831
⁷ Property Code 315935	⁸ Property Name CEDAR LAKE FEDERAL CA	⁹ Well Number 409H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4n	Feet from the	North/South line	Feet from the	East/West line	County
1	4	17S	31E		1108	North	962.7	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot 1/4n	Feet from the	North/South line	Feet from the	East/West line	County
4	4	17S	31E		424.8	NORTH	356.3		EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/09/17	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
252293	Holly Energy Pipeline 311 W Quay / PO Box 1380 Artesia NM 88210	O
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
36785	DCP Midstream, LP 370 17th St Suite 2500 Denver CO 80202	G

NM OIL CONSERVATION
ARTESIA DISTRICT
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IV. Well Completion Data

²¹ Spud Date 01/08/2017	²² Ready Date 12/09/17	²³ TD 9508	²⁴ PBD 5094	²⁵ Perforations 5954-9508	²⁶ DHC, MC Open hole
²⁷ Hole Size 17.5	²⁸ Casing & Tubing Size 13.375 48# H40	²⁹ Depth Set 660	³⁰ Sacks Cement 600 sx Class C		
12.25	9.625 J55 40#	3495 3500	1400 sx Class C		
8.5	7" L80 29# 5" L80 20#	5094 5096/9498	660 sx Class C		
Tubing	2.875 J55 6.50#	5439'			

V. Well Test Data

³¹ Date New Oil 12/09/17	³² Gas Delivery Date 12/09/17	³³ Test Date 12/27/17	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 239	³⁹ Water 1242	⁴⁰ Gas 334		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief

Signature: *Emily Folts*

Printed Name
Emily Folts

Title
Reg Analyst

E-mail Address
emily.folts@apachecorp.com

Date
01/06/18 2/5/18

Phone
432-818-1801

OIL CONSERVATION DIVISION

Approved by

Raymond W. Bodanz
Geologist

Approval Date

2-15-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED 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

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.		
Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com			8. Lease Name and Well No. CEDAR LAKE FEDERAL CA 409H		
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705			9. API Well No. 30-015-43520		
3a. Phone No. (include area code) Ph: 432-818-1801			10. Field and Pool, or Exploratory CEDAR LAKE GLOREIETA-YESO		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot 1 1108FNL 962FEL At top prod interval reported below Lot 4 424FNL 356FWL At total depth 424 356			11. Sec., T., R., M., or Block and Survey or Area Sec 4 T17S R31E Mer		
14. Date Spudded 01/08/2017			12. County or Parish EDDY COUNTY		
15. Date T.D. Reached 01/20/2017			13. State NM		
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 01/21/2017			17. Elevations (DF, KB, RT, GL)* 3956 GL		
18. Total Depth: MD 9515 TVD 9508			19. Plug Back T.D.: MD 5554 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? <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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	40.0		3500		1400			
8.500	5.500 L80	20.0		9498					
17.500	13.375 H40	48.0	0	660		600			
8.500	7.000 L80	20.0	5094	9498		660			

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	5439							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5588	9515	5954 TO 9508			PRODUCING
B)						ARTESIA DISTRICT
C)						
D)						

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

Depth Interval	Amount and Type of Material
5954 TO 9508	TOTAL ACID 1666 BBL, TOTAL SAND 2,645,500 #

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	12/27/2017	24	→	239.0	334.0	1242.0			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	
			→				1397	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 S	
			→						

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

ELECTRONIC SUBMISSION #399888 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPE

Pending BLM approvals will
subsequently be reviewed
and scanned
SC 2-16-18

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	562	707	ANHYDRITE, DOLOMITE W	RUSTLER	562
SALADO	707	1742	ANHYDRITE, DOLOMITE W	SALADO	707
TANSIL	1742	1895	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1742
YATES	1895	2175	SANDSTONE	YATES	1895
SEVEN RIVER	2175	2791	SS, DOLO, LIMESTONE O/G/W	SEVEN RIVER	2175
QUEEN	2791	3200	SS, DOLO, LIMESTONE O/G/W	QUEEN	2791
GRAYBURG	3200	3519	SS, DOLO, LIMESTONE O/G/W	GRAYBURG	3200
SAN ANDRES	3519	4996	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3519

32. Additional remarks (include plugging procedure):
 Glorieta 4996-5055' Sandstone
 Paddock 5055 - 5588
 Blinbery 5588 - 9515'(TD)

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 #399888 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/08/2018

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.

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