

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 3000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW / 03/07/2014
⁴ API Number 30-015-41348	⁵ Pool Name Cedar Lake; Glorieta-Yeso	⁶ Pool Code 96831
⁷ Property Code 308720	⁸ Property Name Lee Federal	⁹ Well Number 071

II. ¹⁰Surface Location

UL or lot no. K	Section 20	Township 17S	Range 31E	Lot Idn	Feet from the 1920	North/South Line South	Feet from the 2220	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. K	Section 20	Township 17S	Range 31E	Lot Idn	Feet from the 1678	North/South line South	Feet from the 2297	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 03/07/2014	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
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O

RECEIVED
APR 29 2014
NMOCD ARTESIA

IV. Well Completion Data

²¹ Spud Date 12/12/2013	²² Ready Date 03/07/2014	²³ TD 01/16/2014	²⁴ PBDT 6380'	²⁵ Perforations 4730'-6280'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	305'	770 sx Class C		
11"	8-5/8"	3505'	1160 sx Class C		
7-7/8"	5-1/2"	6408'	900 sx Class H		
Tubing	2-7/8"	6396'			

V. Well Test Data

³¹ Date New Oil 03/07/2014	³² Gas Delivery Date 03/07/2014	³³ Test Date 04/16/2014	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 22	³⁹ Water 271	⁴⁰ Gas 28		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:

Printed name:

Fatima Vasquez

Title:

Regulatory Analyst II

E-mail Address:

Fatima.Vasquez@apachecorp.com

Date:

04/25/2014

Phone:

(432) 818-1015

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

OIL CONSERVATION DIVISION

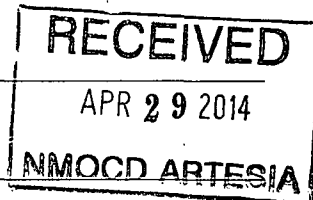
3160-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

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. NMLC-029395B			
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 (873)						7. Unit or CA Agreement Name and No.			
3. Address 303 Veterans Airpark Ln., Ste. 3000 Midland, TX 79705						3a. Phone No. (include area code) (432) 818-1015		8. Lease Name and Well No. Lee Federal #71 (308720)	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1920' FSL & 2220' FWL UL:K Sec:20 T:17S R:31E At top prod. interval reported below At total depth 1678' FSL & 2297' FWL UL:K Sec:20 T:17S R:31E						9. API Well No. 30-015-41348		10. Field and Pool or Exploratory Cedar Lake; Glorieta-Yeso (96831)	
14. Date Spudded 12/12/2013						15. Date T.D. Reached 01/16/2014		11. Sec., T., R., M., on Block and Survey or Area UL:K Sec:20 T:17S R:31E	
16. Date Completed 03/07/2014 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						12. County or Parish Eddy		13. State NM	
17. Elevations (DF, RKB, RT, GL)* 3676' GL						18. Total Depth: MD 6408' TVD			
19. Plug Back T.D.: MD 6380' TVD						20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/BHPL/BHCS-SGR/Hi-Res LL						22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
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
17-1/2"	13-3/8"H-40	48#		305'		770 sx Class C		Surface	
11"	8-5/8" J-55	32#		3505'		1160 sx Class C		Surface	
7-7/8"	5-1/2" J-55	17#		6408'		900 sx Class H		Surface	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	6396'								
25. Producing Intervals									
Formation		Top		Bottom	Perforated Interval		Size	No. Holes	Perf. Status
A) Glorieta		4726'			4730'-5436'		1	30	Producing
B) Yeso		4795'			5510'-6280'		1	36	Producing
C) Blinbry		5328'							
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4730'-5436'		234,990 gals 20#, 314,093# sand, 4326 gals acid, 4956 gals gel							
5510'-6280'		238,014 gals 20#, 293,309# sand, 4705 gals acid, 3948 gals gel							
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 Pump
03/07/14	04/16/14	24	→	22	28	271	37.1		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Producing	
			→				1273		
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	
			→						

*(See instructions and spaces for additional data on page 2)



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 (Solid, 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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Yates Seven Rivers	1499' 1801'
				Grayburg Glorieta	2771' 4726'
				Paddock Yeso	4795' 4795'
				Blinberry Tubb	5328' 6285'

32. Additional remarks (include plugging procedure):

Logs mailed 04/01/2014.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: OCD Forms C-102, C-104, Frac Disclosure

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Fatima Vasquez

Title Regulatory Analyst II

Signature 

Date 04/28/2014

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.

(Continued on page 3)

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