

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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APR 08 2013

NMOCD ARTESIA

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
 Other: \_\_\_\_\_

2. Name of Operator  
 Apache Corporation (873)

3. Address 303 Veterans Airpark Ln., Ste. 3000  
 Midland, TX 79705

3a. Phone No. (include area code)  
 (432) 818-1015

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

SL: 2300' FSL & 450' FWL BHL: 2310' FSL & 990' FWL UL: L Sec:17 T:17S R:31E  
 At surface

At top prod. interval reported below

At total depth

14. Date Spudded  
 12/31/2012

15. Date T.D. Reached  
 01/10/2013

16. Date Completed  
☐ D & A ☒ Ready to Prod.

5. Lease Serial No.  
 NMLC-029395B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
 Lee Federal #56 (308720)

9. API Well No.  
 30-015-40730

10. Field and Pool or Exploratory  
 Cedar Lake; Glorieta-Yeso (96831)

11. Sec., T., R., M., on Block and  
 Survey or Area UL: L Sec:17 T:17S R:31E

12. County or Parish

13. State

Eddy.

NM

17. Elevations (DF, RKB, RT, GL)\*  
 3704' GL

18. Total Depth: MD 6384'  
 TVD

19. Plug Back T.D.: MD 6342'  
 TVD

20. Depth Bridge Plug Set: MD  
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CN/BHC/SGR/Hi-Res LL/BHPL

22. Was well cored? ☐ No ☐ Yes (Submit analysis)  
 Was DST run? ☐ No ☐ Yes (Submit report)  
 Directional Survey? ☐ No ☒ 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"	48#		421'		860 sx Class C			
11"	8-5/8"	32#		3512'		1010 sx Class C		Surface	
7-7/8"	5-1/2"	17#		6378'		1010 sx Class C		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"	5896'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinbry/Tubb	5165' / 6108'		5360'-5777'	1 SPF	28	Producing
B) Blinbry	5165'		5091'-5295'	1 SPF	17	Producing
C) Glorieta/Paddock	4614' / 4673'		4614'-5034'	1 SPF	31	Producing
D)						

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

Depth Interval	Amount and Type of Material
5360'-5777'	151,410 gals 20#, 195,234# sand, 4679 gals acid, 4158 gals gel
5091'-5295'	78,834 gals 20#, 96,910# sand, 4654 gals acid, 3402 gals gel
4614'-5034'	166,278 gals 20#, 210,379# sand, 3990 gals acid, 4452 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
02/21/13	03/20/13	24	→	120	155	183	37.1		Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				1292	Producing	

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)

pm

## 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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Rustler Yates	287' 1479'
				Seven Rivers Bowers-SD	1766' 2154'
				Queen Grayburg	2387' 2719'
				San Andres Glorieta	3103' 4614'
				Paddock Yeso	4673' 4673'
				Blinbry Tubb	5165' 6108'

32. Additional remarks (include plugging procedure):

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 Tech I

Signature 

Date 04/03/2013

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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