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NMOCD ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. Resrv.,
Other: _____

2. Name of Operator
Apache Corporation (873)

3. Address 303 Veterans Airport 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)*

2230' FSL & 430' FWL UL:L Sec:20 T:17S R:31E
At surface

At top prod. interval reported below

At total depth

14. Date Spudded
09/15/2012

15. Date T.D. Reached
09/25/2012

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 #46 (308720)

9. API Well No.
30-015-39915

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:20 T:17S R:31E

12. County or Parish
Eddy

13. State
NM

18. Total Depth: MD 6415'
TVD

19. Plug Back T.D.: MD 6380'
TVD

20. Depth Bridge Plug Set: MD
TVD

17. Elevations (DF, RKB, RT, GL)*
3621' GL

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CN/BHC/Hi-Res LL/HNCR/CAL

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 Cemen- ter Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#		292'		405 sx Class C		Surface	
11"	8-5/8"	32#		3520'		1390 sx Class C		Surface	
7-7/8"	5-1/2"	17#		6415'		990 sx Class C		500'	

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"	6350'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinberry/Tubb	5210'/6227'		5776'-6245'	1 SPF	30	Producing
B) Upper Blinberry	5210'		5136'-5694'	1 SPF	30	Producing
C) Paddock/Glorieta	4626'/5056'		4626'-5056'	1 SPF	30	Producing
D)						

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

Depth Interval	Amount and Type of Material
5776'-6245'	159,964 gals 20#, 208,063# sand, 5040 gals acid, 4486 gals gel
5136'-5694'	160,146 gals 20#, 204,600# sand, 5502 gals acid, 3906 gals gel
4626'-5056'	157,458 gals 20#, 189,463# sand, 5964 gals acid, 4200 gals gel

RECLAMATION
DUE 5-14-13

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
11/14/12	11/30/12	24	→	120	158	376	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	
			→				1317		

ACCEPTED FOR RECORD

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	
			→						

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BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				B/Salt Yates	1310' 1415'
				Seven Rivers Bowers-SD	1724' 2114'
				Queen Grayburg	2347' 2708'
				San Andres Glorieta	3107' 4613'
				Paddock Yeso	4676' 4676'
				Blaine Tubb	5210' 6227'

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 12/20/2012

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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