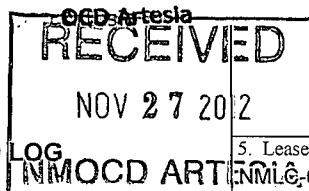


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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)\*  
1130' FSL & 330' FWL, UL:M, Sec:20, T:17S, R:31E  
At surface  
At top prod. interval reported below  
At total depth

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 #048 (308720)

9. API Well No.  
30-015-39897

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

11. Sec., T., R., M., on Block and  
Survey or Area UL:M, Sec:20, T:17S, R:31E

12. County or Parish  
Eddy

13. State  
NM

14. Date Spudded  
08/05/2012

15. Date T.D. Reached  
08/13/2012

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

17. Elevations (DF, RKB, RT, GL)\*  
3616' GL

18. Total Depth: MD 6406'  
TVD 6309

19. Plug Back T.D.: MD 6393'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Hi-Res LL/ HNGBR/BHC/CN/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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#		290'		400 sx Class C		Surface	
11"	8-5/8"	32#		3500'		1380 sx Class C		Surface	
7-7/8"	5-1/2"	17#		6406'		960 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"	6366'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Blinberry/Tubb	5271'/6305'		5839'-6308'	1 SPF	28	
B) Upper Blinberry	5271'		5150'-5740'	1 SPF	31	
C) Glorieta/Paddock	4680'/4754'		4692'-5079'	1 SPF	26	
D)						

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

Depth Interval	Amount and Type of Material
5839'-6308'	159,806 gals 20#, 197,500# sand, 4525 gals acid, 5611 gals gel
5150'-5740'	157,436 gals 20#, 191,200# sand, 4482 gals acid, 5018 gals gel
4692'-5079'	157,842 gals 20#, 188,000# sand, 4385 gals acid, 4540 gals gel

RECLAMATION  
DUE 4-5-13

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
10/05/12	10/30/12	24	→	110	169	386	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	
			→				1536		

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)

*[Handwritten signature]*

## 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	357' 1447'
				B/Salt Seven Rivers	1100' 1732'
				Bowers-SD Queen	2156' 2388'
				Grayburg San Andres	2755' 3168'
				Glorieta Paddock	4680' 4754'
				Yeso Blinbry	4754' 5271'
				Tubb	6305'

## 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 VasquezTitle Regulatory Tech ISignature [Signature]Date 11/01/2012

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)

(Form 3160-4, page 2)