

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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						8. Lease Name and Well No. Lee Federal #71 (308720)			
3a. Phone No. (include area code) (432) 818-1015						9. API Well No. 30-015-41348			
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						10. Field and Pool or Exploratory Cedar Lake; Glorieta-Yeso (96831)			
11. Sec., T., R., M., on Block and Survey or Area UL:K Sec:20 T:17S R:31E						12. County or Parish Eddy			
13. State NM						14. Date Spudded 12/12/2013			
15. Date T.D. Reached 01/16/2014						16. Date Completed 03/07/2014 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.			
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 checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" 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 Pilled
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		RECLAMATION DUE 9.7-14
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Producing	
			→				1273		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
			→						MAY 17 2014
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						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
				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.

Accepted for record  
OCD NMOCD 7-9-2014

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 [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)

(Form 3160-4, page 2)