

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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NMOCD ART

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC-029395B

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

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator
Apache Corporation (873)

8. Lease Name and Well No.
Lee Federal #048 (308720)

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

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

9. API Well No.
30-015-39897

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1130' FSL & 330' FWL, UL:M, 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:M, Sec:20, T:17S, R:31E

At top prod. interval reported below
At total depth

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/ HNGR/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 Cemen-ter 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 Blinebry/Tubb	5271'/6305'		5839'-6308'	1 SPF	28	
B) Upper Blinebry	5271'		5150'-5740'	1 SPF	31	
C) Glorieta/Paddock	4680'/4754'		4692'-5079'	1 SPF	26	
D)						

26. Perforation Record

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

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

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	
			→				1536	Producing	

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)

JAW

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	357'
				Yales	1447'
				B/Salt	1100'
				Seven Rivers	1732'
				Bowers-SD	2156'
				Queen	2388'
				Grayburg	2755'
				San Andres	3168'
				Glorieta	4680'
				Paddock	4754'
				Yeso	4754'
				Blinbry	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 Vasquez Title Regulatory Tech I
 Signature [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.