Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

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 #050 (308720)

3. Address 303 Veterans Airpark Lane Suite 3000
Midland TX 79705

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

9 API Well No
30-015-39888

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

At surface 1015 'FNL & 1580' FWL UL:C Sec: 20 T:17S R:31E

At top prod interval reported below

At total depth

RECEIVED
JUL 31 2012
NMOCD ARTESIA

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

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

12 County or Parish
Eddy

13. State
NM

14 Date Spudded
04/17/2012

15 Date T D Reached
05/01/2012

16. Date Completed 05/25/2012
☐ D & A ☑ Ready to Prod

17 Elevations (DF, RKB, RT, GL)*
3652' GR

18 Total Depth MD 6405'
TVD

19 Plug Back T D. MD 6362'
TVD

20 Depth Bridge Plug Set MD
TVD

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

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 Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#		293'		700 sx Class C		Surface	
11"	8-5/8"	32#		3501'		1520 sx Class C		Surface	
7-7/8"	5-1/2"	17#		6405'		1000 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"	6090'							

25 Producing Intervals / 26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5139'		5530'-6080'	1 SPF	28	Producing
B) Glorieta/Paddock	4516'/4573'		4525'-5044'	1 SPF	31	Producing
C)						
D)						

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

Depth Interval	Amount and Type of Material
5530'-6080'	5200 gals acid, 152,821 gals 20#, 190,000# sand, and 4914 gals gel
4525'-5044'	3500 gals acid, 170,394 gals 20#, 200,000# sand, and 4368 gals gel

RECLAMATION
DUE 11-25-12

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
05/25/12	06/30/12	24	→	80	340	75	37.5		Pump

Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→				4250	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)

ACCEPTED FOR RECORD
JUL 29 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
				Glorieta	4516'
				Paddock	4573'
				Yeso	4573'
				Blinebry	5139'
				Tubb	6149'

32. Additional remarks (include plugging procedure):

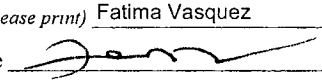
33 Indicate which items have been attached by placing a check in the appropriate boxes

☑ 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

Signature  Date 07/03/2012

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

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