

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC029395B

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. LEE FEDERAL 83

9. API Well No. 30-015-41902-00-S1

10. Field and Pool, or Exploratory CEDAR LAKE

11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R31E Mer NMP

12. County or Parish EDDY

13. State NM

14. Date Spudded 02/21/2014

15. Date T.D. Reached 03/04/2014

16. Date Completed 04/16/2014
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* 3704 GL

18. Total Depth: MD 6417 TVD

19. Plug Back T.D.: MD 6370 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SBGR-CCL BHCS BHPL HI-RESLL CN HNGR

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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
17.500	13.375 H-40	48.0	0	405		574		0	
11.000	8.625 J-55	32.0	0	3526		1830		0	
7.875	5.500 J-55	17.0	0	6417		950		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6331							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	4849	6248	4849 TO 5412	1.000	25	PRODUCING
B)			5502 TO 6232	1.000	31	PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
4849 TO 5412	177,828 GALS 20#, 216,039# SAND, 3696 GALS ACID, 4704 GALS GEL
5502 TO 6232	218,526 GALS 20#, 273,213# SAND, 4758 GALS ACID, 4074 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
04/16/2014	06/15/2014	24	▶	71.0	94.0	293.0	37.1		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	SI		▶	71	94	293	1324	POW	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	SI		▶						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #252639 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

RECLAMATION
DUE 10-16-14

ABV
Already
in system

BUREAU OF LAND MANAGEMENT
ARTESIA FIELD OFFICE

JUL 22 2014

ACCEPTED FOR RECORD

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(Sold, 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	316	502	SANDSTONE / ANHYDRITE	RUSTLER	316
YATES	1602	1889	SANDSTONE	YATES	1602
SEVEN RIVERS	1889	2532	DOLOMITE / ANHYDRITE	SEVEN RIVERS	1889
GRAYBURG	2869	3304	SS* / DOLOMITE - GAS & WATER	GRAYBURG	2869
GLORIETA	4849	4912	SANDSTONE - OIL, GAS & WATER	GLORIETA	4849
PADDOCK	4912	5294	DOLOMITE - OIL, GAS & WATER	PADDOCK	4912
BLINEBRY	5294	6248	DOLOMITE - OIL, GAS & WATER	BLINEBRY	5294
TUBB	6248		SANDSTONE - OIL, GAS & WATER	TUBB	6248

32. Additional remarks (include plugging procedure):
Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 06/17/2014.

* SS - Sandstone

Ogallala - Water formation above Rustler - not logged.
Tansill Salt - Sanstone / Anhydrite - 502'-1502'.
Bottom Salt - Sandstone / Anhydrite - 1502'-1601'.
Queen - Sandstone / Dolomite - Gas - 2532'-2869'.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #252639 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/11/2014 (14DW0167SE)

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST II

Signature (Electronic Submission) Date 07/11/2014

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #252639 that would not fit on the form

32. Additional remarks, continued

San Andres - Carbonate - Oil, Gas & Water - 3304'-4849'.
Tubb - didn't drill far enough to get bottom depth of Tubb.