

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
 NMLC029395B

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, Allouee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator APACHE CORPORATION Contact: FATIMA VASQUEZ  
 E-Mail: fatima.vasquez@apachecorp.com

8. Lease Name and Well No.  
 LEE FEDERAL 80

3. Address 303 VETERANS AIRPARK LN  
 MIDLAND, TX 79705

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

9. API Well No.  
 30-015-42402

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NWSW 1550FSL 1080FWL 32.817058 N Lat, 103.896966 W Lon  
 At top prod interval reported below NWSW 1550FSL 1080FWL 32.817058 N Lat, 103.896966 W Lon  
 At total depth NWSW 1550FSL 1080FWL 32.817058 N Lat, 103.896966 W Lon

10. Field and Pool, or Exploratory  
 CEDAR LAKE; GLORIETA-YESO

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

12. County or Parish EDDY  
 13. State NM

14. Date Spudded  
 09/17/2014

15. Date T.D. Reached  
 10/01/2014

16. Date Completed  
 D & A  Ready to Prod.  
 11/20/2014

17. Elevations (DF, KB, RT, GL)\*  
 3636 GL

18. Total Depth: MD 6406  
 TVD

19. Plug Back T.D.: MD 6375  
 TVD

20. Depth Bridge Plug Set: MD  
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 SGR/CAL/HI-RES.LL/BHCS/CN

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0		334		410		0	
11.000	8.625 J-55	32.0		3400		1120		0	
7.875	5.500 J-55	17.0		6406		930		215	

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	6326							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	4687	4755	4690 TO 5232	1.000	27	PRODUCING
B) PADDOCK	4755	5299	5295 TO 5863	1.000	26	PRODUCING
C) BLINEBRY	5299	6309	5922 TO 6320	1.000	21	PRODUCING
D) TUBB	6309					

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

Depth Interval	Amount and Type of Material
4690 TO 5232	180,978 GALS 20#, 221,545# SAND, 3486 GALS ACID, 4326 GALS GEL
5295 TO 5863	179,550 GALS 20#, 218,221# SAND, 4502 GALS ACID, 4116 GALS GEL
5922 TO 6320	142,296 GALS 20#, 176,291# SAND, 5136 GALS ACID, 4578 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
11/20/2014	02/11/2015	24	→	74.0	101.0	241.0	37.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→				1365	POW	

ACCEPTED FOR RECORD  
 ELECTRIC PUMPING UNIT  
 JUN 1 2015  
 D. Nam  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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	
SI			→						

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

ELECTRONIC SUBMISSION #294339 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

Reclamation  
 Date: 8/11/15

*[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 (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	297	459	SS/ANHYDRITE - N/A	RUSTLER	297
YATES	1437	1770	SANDSTONE - N/A	YATES	1437
SEVEN RIVERS	1770	2400	SS/CARBONATE - OIL, GAS & WATER	SEVEN RIVERS	1770
SAN ANDRES	3158	4687	CARBONATE - OIL, GAS & WATER	SAN ANDRES	3158
GLORIETA	4687	4755	SANDSTONE - OIL, GAS & WATER	GLORIETA	4687
PADDOCK	4755	5299	DOLOMITE - OIL, GAS & WATER	PADDOCK	4755
BLINEBRY	5299	6309	DOLOMITE - OIL, GAS & WATER	BLINEBRY	5299
TUBB	6309		SANDSTONE - OIL, GAS & WATER	TUBB	6309

32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 02/19/2015.

Tansill salt - Salt - N/A - 459'-1355'  
 Bottom salt - Salt - N/A - 1355'-1437'  
 Queen - Sandstone/Carbonate - Oil, Gas & Water - 2400'-3158'.  
 Tubb - didn't drill far enough to get bottom depth of Blinebry.

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 #294339 Verified by the BLM Well Information System.  
 For APACHE CORPORATION, sent to the Carlsbad  
 Committed to AFMSS for processing by DEBORAH HAM on 05/14/2015 ()**

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST II

Signature (Electronic Submission) Date 03/09/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #294339 that would not fit on the form**

**32. Additional remarks, continued**

\*SS - Sandstone