

# NM OIL CONSERVATION

ARTESIA DISTRICT

APR 13 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029395B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator APACHE CORPORATION			8. Lease Name and Well No. LEE FEDERAL 69		
3. Address 303 VETERANS AIRPARK LN MIDLAND, TX 79705			9. API Well No. 30-015-41111		
3a. Phone No. (include area code) Ph: 432-818-1015					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESW 2420FSL 1650FWL 32.819451 N Lat, 103.895111 W Lon At top prod interval reported below NESW 2420FSL 1650FWL 32.819451 N Lat, 103.895111 W Lon At total depth NESW 2420FSL 1650FWL 32.819451 N Lat, 103.895111 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 10/03/2014		15. Date T.D. Reached 10/14/2014	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/18/2014		17. Elevations (DF, KB, RT, GL)* 3646 GL
18. Total Depth: MD TVD 6373		19. Plug Back T.D.: MD TVD 6330		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/HI-RES LL/BHCS-SGR/HNGR			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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		321		370		0	
11.000	8.625 J-55	32.0		3500		1310		0	
7.875	5.500 J-55	17.0		6373		940		150	

### 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	6294							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	4620		4620 TO 5126	1.000	25	PRODUCING
B) PADDOCK	4688		5190 TO 5715	1.000	26	PRODUCING
C) BLINEBRY	5213		5772 TO 6230	1.000	23	PRODUCING
D)						

### 26. Perforation Record

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

Depth Interval	Amount and Type of Material
4620 TO 5126	4792 GALS ACID, 19,908 GALS 15# PAD, 157,794 GALS 15# GEL, 227,170# SAND, 4578 GALS 10# FLUSH
5190 TO 5715	4788 GALS ACID, 22,428 GALS 15# PAD, 157,584 GALS 15# GEL, 226,373# SAND, 3780 GALS 10# FLUSH
5772 TO 6230	5111 GALS ACID, 19,992 GALS 15# PAD, 139,188 GALS 15# GEL, 198,078# SAND, 4494 GALS 10# FLUSH

### 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
12/18/2014	03/09/2015	24	→	71.0	199.0	222.0	37.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				2803	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. 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 reverse side)

ELECTRONIC SUBMISSION #297532 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*AB*

## 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	287	452	SANDSTONE/ANHYDRITE - N/A	RUSTLER	287
YATES	1421	1750	SANDSTONE/ANHYDRITE - N/A	YATES	1421
SEVEN RIVERS	1750	2366	SS/CARBONATE - OIL, GAS & WATER	SEVEN RIVERS	1750
SAN ANDRES	3098	4620	CARBONATE - OIL, GAS & WATER	SAN ANDRES	3098
GLORIETA	4620	4688	SANDSTONE - OIL, GAS & WATER	GLORIETA	4620
PADDOCK	4688	5213	DOLOMITE - OIL, GAS & WATER	PADDOCK	4688
BLINEBRY	5213	6289	DOLOMITE - OIL, GAS & WATER	BLINEBRY	5213
TUBB	6289		SS/CARBONATE - OIL, GAS & WATER	TUBB	6289

## 32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 03/23/2015.

Tansill Salt 452'-1226' Salt - N/A  
 Bottom Salt 1226'-1421' Salt - N/A  
 Queen 2366'-3098' SS / Carbonate - Oil, Gas & Water  
 Tubb - didn't drill far enough to get bottom depth of Tubb.

\*\*SS-Sandstone

## 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 #297532 Verified by the BLM Well Information System.  
 For APACHE CORPORATION, sent to the Carlsbad

Name (please print) FATIMA VASQUEZ

Title REGULATORY ANALYST II

Signature (Electronic Submission)

Date 04/07/2015

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 #297532 that would not fit on the form**

**32. Additional remarks, continued**