

# NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
FEB 06 2015  
OCD ARTESIA

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. TONY FEDERAL 51	
3. Address 303 VETERANS AIRPARK LANE MIDLAND, TX 79707		9. API Well No. 30-015-41990	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 18 T17S R31E Mer At surface NESW 1340FSL 2220FWL Sec 18 T17S R31E Mer At top prod interval reported below NESW 1340FSL 2220FWL Sec 18 T17S R13E Mer At total depth SESW 990FSL 2210FWL		10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO	
14. Date Spudded 04/30/2014		15. Date T.D. Reached 05/11/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, KB, RT, GL)* 3750 GL	
18. Total Depth: MD 6405 TVD 6392		19. Plug Back T.D.: MD 6373 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) PLATFORM EXPRESS/NAT'L GR/BOREHOLECOM SONIC/RDMO	
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		336		824	97	0	
11.000	8.625 H-40	32.0		3485		1370	393	0	
7.875	5.500 J-55	17.0		6405		1010	228	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		6336						

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK/GLORIETA	4651	5111	4596 TO 5054	0.420	51	PRODUCING
B) BLINBRY/TUBB	5111	6146	5120 TO 6240	0.420	24	PRODUCING
C)						
D)						

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

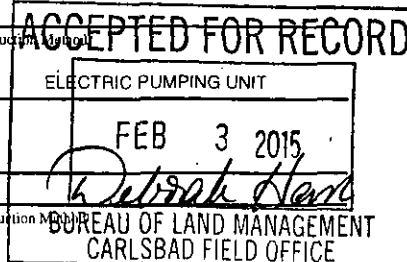
Depth Interval	Amount and Type of Material
4596 TO 6240	ACID - BBL 312, 10 % GEL - BBL 315, 20 % GEL BBL 11,990, PROPPANT - # 619,820

### 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
06/17/2014	06/29/2014	24	→	94.0	463.0	198.0	38.0		
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				4926	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	Thg. 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 #287684 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Due: 12/29/14

## 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	303	442	SANDSTONE	RUSTLER	303
TANSIL SALT	442	1300	SALT	TANSIL SALT	442
BOTTOM SALT	1300	1454	SALT	BOTTOM SALT	1300
YATES	1454	1762	SANDSTONE	YATES	1454
SEVEN RIVERS	1762	2370	SANDSTONE	SEVEN RIVER	1762
QUEEN	2370	3091	SANDSTONE	QUEEN	2370
SAN ANDRES	3091	4596	CARBONATE	SAN ANDRES	3091
GLORIETA	4596	4651	SANDSTONE	GLORIETA	4596

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

PADDOCK - DOLOMITE - 4651-5111  
BLINBRY - DOLOMITE - 5111-6146  
TUBB - SANDSTONE - 6146 - TD

05/02/2014 13-3/8 = TOC @62' CMNT'D W/1147 SX cc: CIRC 30 SX TO SURFACE

## 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 #287684 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 02/03/2015 ()

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST I

Signature (Electronic Submission)

Date 01/12/2015

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 #287684 that would not fit on the form**

**32. Additional remarks, continued**