

# NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

960 Artesia  
FEB 3 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT

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 56	
Contact: PAIGE FUTRELL E-Mail: paige.futrell@apachecorp.com			
3. Address 303 VETERANS AIRPARK LN MIDLAND, TX 79705		9. API Well No. 30-015-41419	
3a. Phone No. (include area code) Ph: 432-818-1893			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW Lot 2 1690FNL 990FWL 32.822617 N Lat, 103.913672 W Lon At top prod interval reported below SWNW Lot 2 1690FNL 990FWL 32.822617 N Lat, 103.913672 W Lon At total depth SWNW Lot 2 1690FNL 990FWL 32.822617 N Lat, 103.913672 W Lon		10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO	
		11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R31E Mer	
14. Date Spudded 04/08/2014		17. Elevations (DF, KB, RT, GL)* 3669 GL	
15. Date T.D. Reached 04/18/2014			
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/23/2014			
18. Total Depth: MD 6408 TVD		20. Depth Bridge Plug Set: MD TVD	
19. Plug Back T.D.: MD 6350 TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BHPL, HI-RES LL, SGR, BHCS-SGR, CN		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" 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	40.0	340			460		0	
11.000	8.625 J-55	32.0	3535			1105		0	
7.875	5.500 J-55	17.0	6408			940		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	6300							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	4592	6209	4592 TO 6209	1.000	71	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4592 TO 6209	15,330 ACID, 576,539# SAND, 14,070 GAL 10# GEL, 439,824 GAL 20#

### 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
05/23/2014	09/11/2014	24	→	245.0	536.0	140.0	37.0	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→				2188	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→					

**ACCEPTED FOR RECORD**

ELECTRIC PUMPING UNIT

JAN 28 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #280538 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Due: 3/11/15

## 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
YATES	1377	1671	SANDSTONE/NA	YATES	1377
SEVEN RIVERS	1671	2317	ANHYDRITE, DOL*/G	SEVEN RIVERS	1671
GRAYBURG	2788	3059	DOL*, SANDSTONE/G, W*	GRAYBURG	2788
SAN ANDRES	3059	4579	CARBONATE/O, G, W*	SAN ANDRES	3059
GLORIETA	4579	4638	SS*/O, G, W*	GLORIETA	4638
PADDOCK	4638	5120	DOLOMITE/ O, G, W	PADDOCK	4638
BLINEBRY	5120	6189	DOLOMITE/ O, G, W	BLINEBRY	5120
TUBB	6189		SS* / O, G, W*	TUBB	6189

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

Formation tops continued:

Didnt drill deep enough for bottom of the Tubb.  
 Rustler: 265'-411' Sandstone, anhydrite/NA  
 Tansil Salt: 1152' Sandstone, anhydrite/NA  
 Bottom Salt: 1377' Sandstone, anhydrite/NA  
 Queen: 2317'-2788' Dolomite/Gas  
 There is not a base salt.

## 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 #280538 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 01/15/2015 ()

Name (please print) PAIGE FUTRELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/19/2014

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.

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