

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 01 2014

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
APACHE CORPORATION

Contact: PAIGE FUTRELL  
E-Mail: paige.futrell@apachecorp.com

3. Address 303 VETERANS AIRPARK LN  
MIDLAND, TX 79705

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 NESW Lot 1 1960FSL 2063FWL 32.774438 N Lat, 104.233914 W Lon

At top prod interval reported below NESW Lot 1 1960FSL 2063FWL 32.774438 N Lat, 104.233914 W Lon

At total depth NESW 1676FSL 1674FWL

14. Date Spudded  
07/03/2014

15. Date T.D. Reached  
07/06/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
09/18/2014

17. Elevations (DF, KB, RT, GL)\*  
3604 GL

18. Total Depth: MD  
TVD 4630

19. Plug Back T.D.: MD  
TVD 4615

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
BHPL/BHCS/CN/HI-RESL/SGR/BHCS-TVD/BHPL-TVD/SGR-TV

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	257	357		830		0	
11.000	8.625 J-55	24.0	308	398		210		0	
7.875	5.500 L-80	17.0	4630	4630		850		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	4491							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3476	4430	3454 TO 4225	1:000	30	PRODUCING
B)						
C)						
D)						

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

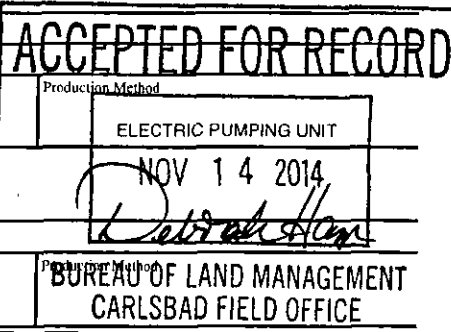
Depth Interval	Amount and Type of Material
3476 TO 4430	3500 ACID, 300,000# SAND, 3360 GAL 10# GEL, 216,258 GAL 20#

### 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
09/18/2014	10/04/2014	24	→	163.0	138.0	486.0	37.0	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
SI			→				847	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.	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 #271134 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DUE 4/4/15

CR

## 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	247	497	SHALE, SS*, ANHYDRITE/WATER	YATES	247
SEVEN RIVERS	497	1084	SHALE, SS*, ANHYDRITE, DOL*/O, G, W	SEVEN RIVERS	497
GRAYBURG	1570	1923	DOL*, SS*, SANDSTONE/O, G, W*	GRAYBURG	1570
SAN ANDRES	1923	3471	DOLOMITE, CHERT/O, G, W*	SAN ANDRES	1923
GLORIETA	3471	3508	DOLOMITE, SANDSTONE/O, G, W*	GLORIETA	3471
YESO	3508	3583	DOLOMITE/ O, G, W	YESO	3508
PADDOCK	3583	4029	DOLOMITE/ O, G, W	PADDOCK	3583
BLINEBRY	4029		DOL*, SS*, SANDSTONE/O, G, W*	BLINEBRY	4029

32. Additional remarks (include plugging procedure):  
Formation tops continued:

Water table-water formation above Yates-Not logged.  
Queen: 1084'-1570' Siltstone, sandstone, anhydrite/Water.  
There is not a base salt.

SS\*: Siltstone

## 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 #271134 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 11/05/2014 ()

Name(please print) PAIGE FUTRELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/15/2014

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.

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

**Additional data for transaction #271134 that would not fit on the form**

**32. Additional remarks, continued**

Dol\*: Dolomite  
O,G,W\*: Oil, Gas, Water

Attachments- Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 09/18/2014.