

NM OIL CONSERVATION  
ARTESIA DISTRICT

OCD Artesia  
DEC 11 2014

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMMN0557371

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, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
APACHE CORPORATION  
Contact: PAIGE FUTRELL  
E-Mail: paige.futrell@apachecorp.com

8. Lease Name and Well No.  
AAO FEDERAL 16

3. Address 303 VETERANS AIRPARK LN  
MIDLAND, TX 79705  
3a. Phone No. (include area code)  
Ph: 432-818-1893

9. API Well No.  
30-015-42026

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Sec 1 T18S R27E Mer  
NENW 1305FNL 2455FWL 32.779712 N Lat, 104.232720 W Lon  
At top prod interval reported below Sec 1 T18S R27E Mer  
NENW 1305FNL 2455FWL 32.779712 N Lat, 104.232720 W Lon  
At total depth Sec 1 T18S R37E Mer  
SENW Lot F 1662FNL 2299FWL

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

11. Sec., T., R., M., or Block and Survey  
or Area Sec 1 T18S R27E Mer

12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
03/20/2014  
15. Date T.D. Reached  
03/25/2014  
16. Date Completed  
 D & A  Ready to Prod.  
09/16/2014

17. Elevations (DF, KB, RT, GL)\*  
3609 GL

18. Total Depth: MD 4555 TVD  
19. Plug Back T.D.: MD 4510 TVD  
20. Depth Bridge Plug Set: MD TVD

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

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		380		540		0	
7.875	5.500 J-55	17.0		4555		840		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	4386							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA/YESO	3378	4324	3378 TO 4324	1.000	30	PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3378 TO 4324	3696 GAL ACID, 285,541# SAND, 3192 GAL GEL, 235,914 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	Production Method
09/16/2014	09/22/2014	24	→	56.0	98.0	584.0	38.0		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	
			→				1750	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	
			→						

ACCEPTED FOR RECORD  
NOV 14 2014  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #266756 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DUE 3/22/15

CP

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	489	SHALE,SS*,ANHYDRITE/WATER	YATES	247
SEVEN RIVERS	489	837	SHALE,SS*,ANHYDRITE,DOL*/O,G,W	SEVEN RIVERS	489
QUEEN	1054	1518	SS*,SANDSTONE,ANHYDRIT/WATER	QUEEN	1054
GRAYBURG	1518	1865	DOL*,SS*,SANDSTONE/O,G,W*	GRAYBURG	1518
SAN ANDRES	1865	3352	DOLOMITE,CHERT/O,G,W*	SAN ANDRES	1865
GLORIETA	3352	3442	DOLOMITE,SANDSTONE/O,G,W*	GLORIETA	3352
PADDOCK	3442	3901	DOLOMITE/O,G,W*	PADDOCK	3442
BLINEBRY	3901		DOL*,SS*,SANDSTONE/O,G,W*	BLINEBRY	3901

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

Water table-water formation above Yates-Not logged.  
There is not a base salt.  
Bowers SS T-837' B-1054' Sandstone/Water  
Blinbery-Didn't drill deep enough for a bottom depth.

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 #266756 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 09/29/2014

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 #266756 that would not fit on the form**

**32. Additional remarks, continued**

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

Attachments- Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 09/15/2014.