

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

5. Lease Serial No. NMMN0557371

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. AAO FEDERAL 27

9. API Well No. 30-015-42359

10. Field and Pool, or Exploratory REDLAKE; 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 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 4630 TVD 19. Plug Back T.D.: MD 4615 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BHPL/BHCS/CN/BI-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	398	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)						

26. Perforation Record

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	Production Method
09/18/2014	10/04/2014	24	→	163.0	138.0	486.0	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	
	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	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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 #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.