

NM OIL CONSERVATION

ARTESIA ARTESIA

DEC 01 2014

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Form 3160-4  
(August 2007)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No.  
NMNM0557371

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 30

3. Address 303 VETERANS AIRPARK LN  
MIDLAND, TX 79705

3a. Phone No. (include area code)  
Ph: 432-818-1893

9. API Well No.  
30-015-42360

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SWSW 1261FSL 281FWL 32.772587 N Lat, 104.239709 W Lon  
At top prod interval reported below SWSW 1261FSL 281FWL 32.772587 N Lat, 104.239709 W Lon  
At total depth NWSW 1649FSL 345FWL

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  
07/20/2014

15. Date T.D. Reached  
07/25/2014

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

17. Elevations (DF, KB, RT, GL)\*  
3570 GL

18. Total Depth: MD 4613  
TVD

19. Plug Back T.D.: MD 4599  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CM-NL,BN,CS,HIGH-RES,LAT,CL

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	360		530		0	
7.875	5.500 L-80	17.0	4613	4613		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	4489							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3338	4400	3338 TO 4400	1.000	34	PRODUCING
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
3338 TO 4400	3893 GAL ACID, 329,662# SAND, 3318 GAL 10# GEL, 6753 GAL 20#

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

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	10/06/2014	24	→	70.0	81.0	434.0	37.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	SI		→				1157	POW	

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

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	SI		→						

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

ELECTRONIC SUBMISSION #269715 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION  
DUE 4/6/15

Handwritten signature

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.) CAPTURED

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	206	456	SHALE,SS*,ANHYDRITE/ WATER	YATES	206
SEVEN RIVERS	456	1029	SHALE,SS*,ANHYDRITE,DOL*/O,G,W	SEVEN RIVERS	456
GRAYBURG	1503	1849	DOL*,SS*,SANDSTONE/ O,G,W*	GRAYBURG	1503
SAN ANDRES	1849	3336	DOL*,CHERT/ OIL, GAS, WATER	1849	3080
GLORIETA	3336	3393	DOL,SS*/ OIL, GAS, WATER	GLORIETA	3336
YESO	3393	3466	DOLOMITE/ OIL, GAS, WATER	YESO	3393
PADDOCK	3466	3887	DOLOMITE/ OIL, GAS, WATER	PADDOCK	3466
BLINEBRY	3887		DOL*,SS*,SANDSTONE/ O,G,W*	BLINEBRY	3887
	3887				3887

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

Water table-water formation above Yates-Not logged.  
There is not a base salt.  
Queen T-1029' B-1503' Siltstone,sandstone,anhydrite/ 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 #269715 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 10/09/2014

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 #269715 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 10/09/2014.