

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 \_\_\_\_\_

5. Lease Serial No.  
 NMNM0557371

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 24

3. Address: 303 VETERANS AIRPARK LN  
 MIDLAND, TX 79705

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

9. API Well No.  
 30-015-42337

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NENE Lot 1 984FNL 243FEL 32.780509 N Lat, 104.224351 W Lon  
 At top prod interval reported below NENE Lot 1 984FNL 243FEL 32.780509 N Lat, 104.224351 W Lon  
 At total depth NENE Lot 1 984FNL 243FEL 32.780509 N Lat, 104.224351 W Lon

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  
 06/03/2014

15. Date T.D. Reached  
 06/04/2014

16. Date Completed  
 D & A  Ready to Prod.  
 09/17/2014

17. Elevations (DF, KB, RT, GL)\*  
 4600 GL

18. Total Depth: MD 4600 TVD  
 19. Plug Back T.D.: MD 4558 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 BHCS-SGR/HI-RES LL/CN/CAL/SGR/BHPL/TRIPLECOMBO

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	305	305		530		0	
7.875	5.500 L-80	17.0	4600	4600		900		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	4425							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3418	4315	3418 TO 4315	1.000	30	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3268 TO 4296	3500 ACID, 293,559# SAND, 3402 GAL 10# GEL, 244,188 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
09/17/2014	10/02/2014	24	▶	38.0	90.0	455.0	37.0	
Choke Size	Tbg. Press. Fwlg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			▶				2368	POW

ACCEPTED FOR RECORD  
 ELECTRIC PUMPING UNIT  
 NOV 14 2014  
 Deborah Lane  
 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
			▶					
Choke Size	Tbg. Press. Fwlg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			▶					

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

ELECTRONIC SUBMISSION #270538 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DUE 4/2/15

Handwritten initials

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	302	547	SHALE,SS*,ANHYDRITE/WATER	YATES	302
SEVEN RIVERS	547	1130	SHALE,SS*,ANHYDRITE,DOL*/O,G,W	SEVEN RIVERS	547
GRAYBURG	1589	1930	DOL*,SS*,SANDSTONE/O,G,W*	GRAYBURG	1589
SAN ANDRES	1930	3405	DOLOMITE,CHERT/O,G,W*	SAN ANDRES	1930
GLORIETA	3405	3462	DOLOMITE, SANDSTONE/O,G,W*	GLORIETA	3405
YESO	3462	3543	DOLOMITE/ O,G,W	YESO	3462
PADDOCK	3543	3954	DOLOMITE/ O,G,W	PADDOCK	3543
BLINEBRY	3954		DOL*,SS*,SANDSTONE/O,G,W*	BLINEBRY	3954

32. Additional remarks (include plugging procedure):

Formation tops continued:

Water table-water formation above Yates-Not logged.  
Queen: 1130'-1589' 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 #270538 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 10/13/2014

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 #270538 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 09/17/2014.