

NM OIL CONSERVATION

ARTESIA DISTRICT

OCD Artesia  
DEC 01 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.  
NMNM0557371

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
AAO FEDERAL 25

9. API Well No.  
30-015-42381

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

17. Elevations (DF, KB, RT, GL)\*  
3576 GL

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 NWSW 2000FSL 1022FWL 32.774589 N Lat, 104.237320 W Lon  
At top prod interval reported below NWSW 2000FSL 1022FWL 32.774589 N Lat, 104.237320 W Lon  
At total depth NWSW 2298FSL 346FWL

14. Date Spudded  
08/23/2014 15. Date T.D. Reached  
07/01/2014 16. Date Completed  
 D & A  Ready to Prod.  
10/16/2014

18. Total Depth: MD 4655 TVD 19. Plug Back T.D.: MD 4640 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
HI-RES LL, CN,SGR,BHPL,BHCS-SGR 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	366	366		880		0	
11.000	8.375 J-55	24.0	417	417		210		0	
7.875	5.500 J-55	17.0	4655	4655		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	4523							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3369	4418	3369 TO 4418	1.000	33	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3471 TO 4306	3948 ACID, 319,159# SAND, 3360 GAL 10# GEL, 232,784 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
10/16/2014	10/26/2014	24	→	21.0	61.0	205.0	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	
			→				2804	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 #274543 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DUE 4/26/15

This is in 15-42381

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	210	461	SHALE,SS*,ANHYDRITE/WATER	YATES	210
SEVEN RIVERS	461	1029	SHALE,SS*,ANHYDRITE,DOL*/O,G,W	SEVEN RIVERS	461
GRAYBURG	1505	1854	DOL*,SS*,SANDSTONE/O,G,W*	GRAYBURG	1505
SAN ANDRES	1854	3336	DOLOMITE,CHERT/O,G,W*	SAN ANDRES	1854
GLORIETA	3336	3374	DOLOMITE, SANDSTONE/O,G,W*	GLORIETA	3336
YESO	3374	3443	DOLOMITE/ O,G,W	YESO	3374
PADDOCK	3443	3845	DOLOMITE/ O,G,W	PADDOCK	3443
BLINEBRY	3845		DOL*,SS*,SANDSTONE/O,G,W*	BLINEBRY	3845

32. Additional remarks (include plugging procedure):

Formation tops continued:

Water table-water formation above Yates-Not logged.  
Queen: 1029'-1505' 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 #274543 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 10/29/2014

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 \*\*

**Additional data for transaction #274543 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.