

NM OIL CONSERVATION

Form 3160-4
(August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ARTESIA DISTRICT
DEC 01 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0557371

1a. Type of Well Oil Well Gas Well Dry Other **RECEIVED**
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 26

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

9. API Well No. **30-015-42338**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **NESW 2270FSL 1650FWL 32.775307 N Lat, 104.235278 W Lon**
At top prod interval reported below **NESW 2270FSL 1650FWL 32.775307 N Lat, 104.235278 W Lon**
At total depth **NESW 2270FSL 1650FWL 32.775307 N Lat, 104.235278 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 **06/10/2014** 15. Date T.D. Reached **06/15/2014** 16. Date Completed **09/19/2014**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)*
3586 GL

18. Total Depth: **MD 4603** 19. Plug Back T.D.: **MD 4557** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
BHCS-SGR/HI-RES LJ/CN/CAL 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	254	354		530		42	
7.875	5.500 L-80	17.0	4603	4603		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	4424							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3368	4360	3368 TO 4360	1.000	30	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3368 TO 4360	3591 ACID, 262,248# SAND, 3360 GAL 10# GEL, 288,876 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
09/19/2014	10/04/2014	24	→	9.0	33.0	103.0	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	
			→				3667	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

[Signature]

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

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

ELECTRONIC SUBMISSION #270731 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

4/4/14

[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	222	472	SHALE, SS*, ANHYDRITE/WATER	YATES	222
SEVEN RIVERS	472	1047	SHALE, SS*, ANHYDRITE, DOL*/O, G, W	SEVEN RIVERS	472
GRAYBURG	1518	1862	DOL*, SS*, SANDSTONE/O, G, W*	GRAYBURG	1518
SAN ANDRES	1862	3358	DOLOMITE, CHERT/O, G, W*	SAN ANDRES	1862
GLORIETA	3358	3396	DOLOMITE, SANDSTONE/O, G, W*	GLORIETA	3358
YESO	3396	3463	DOLOMITE/ O, G, W	YESO	3396
PADDOCK	3463	3886	DOLOMITE/ O, G, W	PADDOCK	3463
BLINEBRY	3886		DOL*, SS*, SANDSTONE/O, G, W*	BLINEBRY	3886

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

Water table-water formation above Yates-Not logged.
Queen: 1047'-1518' 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 #270731 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 10/14/2014

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 #270731 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.