

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 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 14

3. Address 303 VETERANS AIRPARK LN
MIDLAND, TX 79705
3a. Phone No. (include area code)
Ph: 432-818-1893

9. API Well No.
30-015-42024

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NENE Lot 1 126FNL 141FEL 32.782864 N Lat, 104.224016 W Lon
 At top prod interval reported below NENE Lot 1 126FNL 141FEL 32.782864 N Lat, 104.224016 W Lon
 At total depth NENE 330FNL 330FEL

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
03/07/2014
15. Date T.D. Reached
03/12/2014
16. Date Completed
 D & A Ready to Prod.
09/16/2014

17. Elevations (DF, KB, RT, GL)*
3665 GL

18. Total Depth: MD 4520
TVD
19. Plug Back T.D.: MD 4500
TVD
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PHPL/BHCS/CN/HI-RESLU/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	350			880		0	
7.875	5.500 L-80	17.0	4520			990		41	

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	4303							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3454	4225	3454 TO 4225	1.000	30	PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3454 TO 4225	3670 ACID, 280,469# SAND, 3276 GAL 10# GEL, 217,182 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
09/16/2014	10/11/2014	24	→	56.0	70.0	459.0	37.0	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI			→				1250	POW

ACCEPTED FOR RECORD
ELECTRIC PUMPING UNIT
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
			→					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI			→					

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

ELECTRONIC SUBMISSION #270984 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DUE 4/11/15

CP

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	310	556	SHALE,SS*,ANHYDRITE/WATER	YATES	310
SEVEN RIVERS	556	909	SHALE,SS*,ANHYDRITE,DOL*/O,G,W	SEVEN RIVERS	556
GRAYBURG	1594	1936	DOL*,SS*,SANDSTONE/O,G,W*	GRAYBURG	1594
SAN ANDRES	1936	3406	DOLOMITE,CHERT/O,G,W*	SAN ANDRES	1936
GLORIETA	3406	3456	DOLOMITE, SANDSTONE/O,G,W*	GLORIETA	3406
YESO	3456	3539	DOLOMITE/ O,G,W	YESO	3456
PADDOCK	3539	3971	DOLOMITE/ O,G,W	PADDOCK	3539
BLINEBRY	3971		DOL*,SS*,SANDSTONE/O,G,W*	BLINEBRY	3971

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

Water table-water formation above Yates-Not logged.
Bowers SS: 909'-1135' Siltstone, sandstone, anhydrite/Water.
Queen: 1135'-1594' Siltstone, sandstone, anhydrite/Water.
There is not a base salt.

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 #270984 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 #270984 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 09/15/2014.