

NM OIL CONSERVATION

CD DISTRICT
 OGD 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 _____

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 SENW 2310FNL 2310FWL 32.776954 N Lat, 104.233148 W Lon
 At top prod interval reported below SENW 2310FNL 2310FWL 32.776954 N Lat, 104.233148 W Lon
 At total depth SENW 2310FNL 2310FWL 32.776954 N Lat, 104.233148 W Lon

14. Date Spudded 04/02/2014 15. Date T.D. Reached 04/07/2014 16. Date Completed 09/16/2014
 D & A Ready to Prod.

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 19
 9. API Well No. 30-015-42051
 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)* 3609 GL

18. Total Depth: MD 4600 TVD 19. Plug Back T.D.: MD 4555 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BHCS/HI-RES LL/CN/CAL/HNGR
 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	370	370		880		0	
7.875	5.500 J-55	17.0	4600	4600		890		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	4423							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3388	4354	3388 TO 4354	1.000	31	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
09/16/2014	10/04/2014	24	→	75.0	70.0	456.0	37.0	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI	SI		→				933	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
			→					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI	SI		→					

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

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #270769 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** CLAMATION OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

9/4/15

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	247	495	SHALE,SS*,ANHYDRITE/WATER	YATES	247
SEVEN RIVERS	495	1064	SHALE,SS*,ANHYDRITE,DOL*/O,G,W	SEVEN RIVERS	495
GRAYBURG	1530	1876	DOL*,SS*,SANDSTONE/O,G,W*	GRAYBURG	1530
SAN ANDRES	1876	3364	DOLOMITE,CHERT/O,G,W*	SAN ANDRES	1876
GLORIETA	3364	3393	DOLOMITE,SANDSTONE/O,G,W*	GLORIETA	3364
YESO	3393	3466	DOLOMITE/O,G,W	YESO	3393
PADDOCK	3466	3918	DOLOMITE/O,G,W	PADDOCK	3466
BLINEBRY	3918	4425	DOL*,SS*,SANDSTONE/O,G,W*	BLINEBRY	3918

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

Water table-water formation above Yates-Not logged.
Queen: 1064'-1530' Siltstone, sandstone, anhydrite/Water.
Tubb: 4425'- did not drill deep enough. Sanstone.
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 #270769 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.

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Additional data for transaction #270769 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 09/18/2014.