

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

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 NWNE 2310FNL 1650FEL 32.776911 N Lat, 104.228952 W Lon
 At top prod interval reported below NWNE 2310FNL 1650FEL 32.776911 N Lat, 104.228952 W Lon
 At total depth NWNE 2310FNL 1650FEL 32.776911 N Lat, 104.228952 W Lon

5. Lease Serial No. NNMN0557371
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No. AAO FEDERAL 18
 9. API Well No. 30-015-42035
 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 08/09/2014 15. Date T.D. Reached 08/15/2014 16. Date Completed D & A Ready to Prod. 10/08/2014 17. Elevations (DF, KB, RT, GL)* 3654 GL

18. Total Depth: MD 4518 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) COMP. NEUT. GAMMA/SECTOR BOND GAMMA
 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	352			530		0	
7.875	5.500 L-80	17.0	4518			950		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	4359							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	3471	4306	3471 TO 4306	1.000	31	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, 232,764 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
10/08/2014	10/23/2014	24	→	30.0	31.0	368.0	37.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→				1033	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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 #274410 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECLAMATION
DUE 4/23/15

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	294	545	SHALE,SS*, ANHYDRITE/WATER	YATES	294
SEVEN RIVERS	545	895	SHALE,SS*, ANHYDRITE,DOL*/O,G,W	SEVEN RIVERS	545
GRAYBURG	1594	1935	DOL*,SS*, SANDSTONE/O,G,W*	GRAYBURG	1594
SAN ANDRES	1935	3453	DOLOMITE,CHERT/O,G,W*	SAN ANDRES	1935
GLORIETA	3453	3500	DOLOMITE, SANDSTONE/O,G,W*	GLORIETA	3453
YESO	3500	3561	DOLOMITE/ O,G,W	YESO	3500
PADDOCK	3561	3968	DOLOMITE/ O,G,W	PADDOCK	3561
BLINEBRY	3968		DOL*,SS*, SANDSTONE/O,G,W*	BLINEBRY	3968

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

Water table-water formation above Yates-Not logged.
Bowers SS: 895'-1127' Sandstone
Queen: 1127'-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 #274410 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 10/28/2014

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 #274410 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 10/28/2014.