

NM OIL CONSERVATION

ARTESIA DISTRICT
OCD Artesia
MAR 02 2015

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: FATIMA VASQUEZ
E-Mail: fatima.vasquez@apachecorp.com

3. Address 303 VETERANS AIRPARK LN MIDLAND, TX 79705 3a. Phone No. (include area code) Ph: 432-818-1015

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNW Lot 2 1990FNL 1010FWL 32.836278 N Lat, 103.913626 W Lon
At top prod interval reported below SWNW Lot 2 1990FNL 1010FWL 32.836278 N Lat, 103.913626 W Lon
At total depth SWNW Lot 2 1990FNL 1010FWL 32.836278 N Lat, 103.913626 W Lon

5. Lease Serial No. NMLC029548A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. COFFEE FEDERAL 18

9. API Well No. 30-015-42400

10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO

11. Sec., T., R., M., or Block and Survey or Area Sec 18 T17S R31E Mer

12. County or Parish EDDY 13. State NM

14. Date Spudded 08/25/2014 15. Date T.D. Reached 09/03/2014 16. Date Completed D & A Ready to Prod. 10/07/2014 17. Elevations (DF, KB, RT, GL)* 3766 GL

18. Total Depth: MD 6412 TVD 19. Plug Back T.D.: MD 6373 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SG/BHCS/HI-RES LL/CNL 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		403		370		0	
11.000	8.625 J-55	32.0		3518		1200		0	
7.875	5.500 J-55	17.0		6412		970		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	6336							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	4614		4620 TO 5091	1.000	25	PRODUCING
B) PADDOCK	4669		5180 TO 5783	1.000	31	PRODUCING
C) BLINEBRY	5158		5860 TO 6240	1.000	15	PRODUCING
D) TUBB	6136					

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

Depth Interval	Amount and Type of Material
4620 TO 5091	161,574 GALS 20#, 223,427# SAND, 2522 GALS ACID, 4872 GALS GEL
5180 TO 5783	154,098 GALS 20#, 199,509# SAND, 3598 GALS ACID, 3948 GALS GEL
5860 TO 6240	169,890 GALS 20#, 221,639# SAND, 4445 GALS ACID, 4746 GALS GEL

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
10/07/2014	01/27/2015	24	→	45.0	80.0	100.0	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	
			→				1778	POW	

ACCEPTED FOR RECORD
FEB 25 2015
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	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #292097 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 7/27/15

Accepted for record
NMLC029548A

Comp
CY

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
RUSTLER	301	463	SANDSTONE/ANHYDRITE	RUSTLER	301
YATES	1474	1776	SANDSTONE	YATES	1474
SEVEN RIVERS	1776	2390	SS*/CARBONATE-OIL, GAS & WATER	SEVEN RIVERS	1776
SAN ANDRES	3130	4614	CARBONATE - OIL, GAS & WATER	SAN ANDRES	3130
GLORIETA	4614	4669	SANDSTONE - OIL, GAS & WATER	GLORIETA	4614
PADDOCK	4669	5158	DOLOMITE - OIL, GAS & WATER	PADDOCK	4669
BLINEBRY	5158	6136	DOLOMITE - OIL, GAS & WATER	BLINEBRY	5158
TUBB	6136		SANDSTONE - OIL, GAS & WATER	TUBB	6136

32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 02/17/2015.

Tansill Salt - Salt- 463'-1315'
Bottom Salt - Salt- 1315'-1474'
Queen - Sandstone/Carbonate - Oil, Gas & Water - 2390'-3130'.
Tubb - didn't drill far enough to get bottom depth of Tubb.

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 #292097 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 02/23/2015 ()

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST II

Signature (Electronic Submission) Date 02/18/2015

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.

• **Additional data for transaction #292097 that would not fit on the form**

32. Additional remarks, continued

*SS - Sandstone