NM OIL CONSERVATION
ARTESIA DISTRICT
OCD Artesia
DEC 14 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

5. Lease Serial No. NMLC029435B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
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. NM 134086

2. Name of Operator APACHE CORPORATION
Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

8. Lease Name and Well No. NFE FEDERAL 34H

3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705
3a. Phone No. (include area code) Ph: 432-818-1801

9. API Well No. 30-015-42654-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SESE 945FSL 155FEL 32.858755 N Lat, 103.900501 W Lon Sec 6 T17S R31E Mer NMP
At top prod interval reported below SESE 945FSL 330FEL Sec 5 T17S R31E Mer NMP
At total depth SESE 945FSL 330FEL

10. Field and Pool, or Exploratory CEDAR LAKE
UNKNOWN

11. Sec., T., R., M., or Block and Survey or Area Sec 6 T17S R31E Mer NMP

12. County or Parish EDDY
13. State NM

14. Date Spudded 03/28/2015
15. Date T.D. Reached 04/10/2015
16. Date Completed ☐ D & A ☒ Ready to Prod. 11/16/2015
17. Elevations (DF, KB, RT, GL)* 3754 GL

18. Total Depth: MD 9812 TVD 5048
19. Plug Back T.D.: MD 9812 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNGR SBGRCCL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	418		470			
12.500	9.625 J55	36.0	0	3512		1450			
8.500	7.000 L80	29.0	0	4455		500			
8.500	5.000 L80	20.0	0	9812					

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	4710							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	GLORIETA YESO			5294 TO 9791			OPEN HOLE - PRODUCING
B)	PADDOCK	4714	9812				
C)							
D)							

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

Depth Interval	Amount and Type of Material
5294 TO 9791	2988 TOTAL BBL ACID, 3,038,800 # TOTAL SAND

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
11/16/2015	11/25/2015	24	→	799.0	455.0	2154.0	37.0		ELECTRIC PUMP SUB-SURFACE

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→	799	455	2154	569	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
DEC 10 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #325074 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Reclamation
Date: 5/25/16

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	421	553	ANHYDRITE,DOLOMITE W	RUSTLER	421
SALADO	553	1433	ANHYDRITE,DOLOMITE W	SALADO	553
TANSILL	1433	1567	ANHYDRITE,SALT,DOLO,SS O/G/W	TANSILL	1433
YATES	1567	1839	SANDSTONE O/G/W	YATES	1567
SEVEN RIVERS	1839	2435	SS,DOLO,LIMESTONE O/G/W	SEVEN RIVERS	1839
QUEEN	2435	2854	SS,DOLO, LIMESTONE O/G/W	QUEEN	2435
GRAYBURG	2854	3170	DOLO,LIMESTONE,SS O/G/W	GRAYBURG	2854
SAN ANDRES	3170	4634	DOLO,LIMESTONE,SS O/G/W	SAN ANDRES	3170

32. Additional remarks (include plugging procedure):
GLORIETA 4634 - 4714 SANDSTONE O/G/W
PADDOCK 4714 - TD DOLOMITE O/G/W

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 #325074 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 12/10/2015 (16DMH0073SE)

Name *(please print)* EMILY FOLLIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 12/01/2015

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****