

NM OIL CONSERVATION

ARTESIA DISTRICT

OGD Artesia

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 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.
NMNM134086

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

8. Lease Name and Well No.
NFE FEDERAL 28H

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.
30-015-42653-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESE 920FSL 155FEL 32.858687 N Lat, 103.900501 W Lon

At top prod interval reported below ~~SESE 915FSL 335FWL~~ LOT 7

At total depth ~~SESE 915FSL 335FWL~~ LOT 7

10. Field and Pool, or Exploratory
CEDAR LAKE

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
01/30/2015
15. Date T.D. Reached
02/16/2015
16. Date Completed
☐ D & A ☒ Ready to Prod.
11/09/2015
17. Elevations (DF, KB, RT, GL)*
3752 GL

18. Total Depth: MD 9200
TVD 4358
19. Plug Back T.D.: MD 9200
TVD
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR-CNL-CBL
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	406		470			
12.250	9.625 J55	40.0	0	3383		1190			
8.750	7.000 L80	29.0	0	4358		725			

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	4601							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			5261 TO 9161			OPEN HOLE PRODUCING
B) PADDOCK	4720	9200				
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5261 TO 9161	2466 BBL TOTAL ACID, 2.845,040# 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
11/09/2015	11/17/2015	24	→	504.0	176.0	2992.0	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	
			→	504	176	2992	349	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
ELECTRIC PUMP SUB-SURFACE
DEC 30 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #324175 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation

Date: 5/17/16

AB

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	410	542	ANHYDRITE, DOLOMITE W	RUSTLER	410
SALADO	542	1422	ANHYDRITE, DOLOMITE W	SALADO	542
TANSILL	1422	1556	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1422
YATES	1556	1828	SANDSTONE O/G/W	SEVEN RIVERS	1828
SEVEN RIVERS	1828	2424	SS, DOLOMITE, LIMESTONE O/G/W	QUEEN	2424
QUEEN	2424	2843	SS, DOLO, LIMESTONE O/G/W	GRAYBURG	2843
GRAYBURG	2843	3159	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3159
SAN ANDRES	3159	4637	DOLO, LIMESTONE, SS O/G/W		

32. Additional remarks (include plugging procedure):
GLORIETA 4637 - 4720 SANDSTONE O/G/W
PADDOCK 4720 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 #324175 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 (16DMH0075SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/19/2015

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.

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