

OCT 14 2015

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 \_\_\_\_\_

2. Name of Operator APACHE CORPORATION Contact: REESA FISHER  
 E-Mail: Reesa.Fisher@apachecorp.com

3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705 3a. Phone No. (include area code) Ph: 432-818-1062

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NENE Lot 1 485FNL 1025FEL  
 At top prod interval reported below NENE Lot 1 485FNL 1025FEL  
 At total depth NENE Lot 6 483FNL 332FWL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. NFE FEDERAL 52H  
 9. API Well No. 30-015-42907  
 10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO  
 11. Sec., T., R., M., or Block and Survey or Area Sec 6 T17S R31E Mer  
 12. County or Parish EDDY COUNTY 13. State NM  
 14. Date Spudded 04/25/2015 15. Date T.D. Reached 05/06/2015 16. Date Completed  D & A  Ready to Prod. 09/05/2015  
 17. Elevations (DF, KB, RT, GL)\* 3767 GL  
 18. Total Depth: MD 8350 TVD 4896 19. Plug Back T.D.: MD 8335 TVD 4439 20. Depth Bridge Plug Set: MD TVD  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNGGRCCCL/RBGRCCCL 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	0	403		470		0	
12.250	9.625 J-55	40.0	0	3513		1450		0	
8.500	7.000 L-80	29.0	0	3354439	4439	500		120	

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	4677							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4698		5222 TO 8335			OPEN HOLE-PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5222 TO 8335	2025 BBLs ACID; 2,119,688# 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
09/05/2015	09/14/2015	24	▶	451.0	659.0	1689.0	37.0	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			▶				1461	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			▶					

ACCEPTED FOR RECORD  
 ELECTRIC PUMP SUB-SURFACE  
 OCT 15 2015  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #316556 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

Reclamation  
 Date: 3/14/16

df

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	381	514	ANHYDRITE, DOLOMITE W	RUSTLER	381
SALADO	514	1371	ANHYDRITE, DOLOMITE W	SALADO	514
TANSILL	1371	1529	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1371
YATES	1529	1801	SANDSTONE O/G/W	YATES	1529
SEVEN RIVERS	1801	2405	SS, DOLOMITE, LIMESTONE O/G/W	SEVEN RIVERS	1801
QUEEN	2405	2821	SS, DOLOMITE, LIMESTONE O/G/W	QUEEN	2405
GRAYBURG	2821	3143	DOLOMITE, LIMESTONE, SS O/G/W	GRAYBURG	2821
SAN ANDRES	3143	4607	DOLOMITE, LIMESTONE, SS O/G/W	SAN ANDRES	3143

32. Additional remarks (include plugging procedure):

GLORIETA 4607 4698 SANDSTONE O/G/W GLORIETA 4607  
PADDOCK 4698 TD DOLOMITE O/G/W PADDOCK 4698

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 #316556 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 10/15/2015 ()

Name (please print) REESA FISHER Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission) Date 09/15/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\***