

Form 3160-4 (August 2007) **NOV 23 2015**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

RECEIVED
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC029435B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

9. API Well No. 30-015-42653

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 13. State NM

17. Elevations (DF, KB, RT, GL)* 3752 GL

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

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 Sk. & 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 26. Perforation Record

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

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	
			→				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	
			→						

ASB

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

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

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.

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