NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 0 7 2015

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.

2. Name of Operator APACHE CORP
Contact: HUDSON ISABEL
E-Mail: Isabel.Hudson@apachecorp.com

8. Lease Name and Well No.
NFE FEDERAL COM 53H

3. Address 303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 432.818.1142

9. API Well No.
30-015-42908

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 6 T17S R31E Mer
At surface   NENE Lot 1 460FNL 1025FEL
Sec 6 T17S R31E Mer
At top prod interval reported below   NENE Lot 1 460FNL 1025FEL
Sec 5 T17S R31E Mer
At total depth   NENE Lot 1 476FNL 332FEL

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

14. Date Spudded
05/07/2015

15. Date T.D. Reached
05/22/2015

16. Date Completed
☐ D & A   ☒ Ready to Prod.
09/18/2015

17. Elevations (DF, KB, RT, GL)*
3768 GL

18. Total Depth: MD 10637 TVD 4333

19. Plug Back T.D. MD 10637 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CGRCCL/RBGRCCL

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 H-40	48.0	0	400		470		0	
12.250	9.625 J-55	40.0	0	3500		1400		0	
8.500	7.000 L-80	29.0	0	4336		600		60	

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	4587							

25. Producing Intervals 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	PADDOCK	4673		5196 TO 10620			PRODUCING
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
5196 TO 10620	3474 BBLS - ACID, 85980 BBLS SLICKWATER, 3,964,732# 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
09/18/2015	09/24/2015	24	▷	452.0	579.0	2385.0	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	
	SI		▷				1281	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	
	SI		▷						

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

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	385	523	ANHYDRITE, DOLOMITE W	RUSTLER	385
SALADO	523	1380	ANHYDRITE, DOLOMITE W	SALADO	523
TANSIL	1380	1536	ANHYDRITE, SALT, DOLO, SS O/G/	TANSIL	1380
YATES	1536	1808	SANDSTONE (SS) O/G/W	YATES	1536
SEVEN RIVERS	1808	2419	SS, DOLOMITE, LIMESTONE O/G/W	SEVEN RIVERS	1808
QUEEN	2419	2830	SS, DOLOMITE, LIMESTONE O/G/W	QUEEN	2419
GRAYBURG	2830	3150	DOLOMITE, LIMESTONE, SS O/G/W	GRAYBURG	2830
SAN ANDRES	3150	4604	DOLOMITE, LIMESTONE, SS O/G/W	SAN ANDRES	3150

32. Additional remarks (include plugging procedure):
Glorieta 4604 4673 Sandstone (SS) O/G/W Glorieta 4604
Paddock 4673 Dolomite O/G/W Paddock 4673

**NOTE: Gaps in dates are due to pad drilling processes and surrounding area water issues, which delay completion operations.

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 #318493 Verified by the BLM Well Information System.
For APACHE CORP, sent to the Carlsbad

Name *(please print)* HUDSON ISABEL   Title REG ANALYST

Signature   (Electronic Submission)   Date 10/02/2015

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