

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**

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 CORPORATION  
Contact: EMILY FOLLIS  
E-Mail: Emily.Follis@apachecorp.com

8. Lease Name and Well No.  
NFE FEDERAL 29H

3. Address 303 VETERANS AIRPARK LANE SUITE 1000  
MIDLAND, NM 79705  
3a. Phone No. (include area code)  
Ph: 432-818-1801

9. API Well No.  
30-015-42585

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SESE 985FSL 155FEL  
 At top prod interval reported below SESE Lot 7 983FSL 333FWL  
 At total depth SESE Lot 7 983FSL 333FWL

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  
03/10/2015  
15. Date T.D. Reached  
03/22/2015  
16. Date Completed  
 D & A  Ready to Prod.  
11/05/2015

17. Elevations (DF, KB, RT, GL)\*  
3753 GL

18. Total Depth: MD 9580 TVD 5324  
19. Plug Back T.D.: MD 9580 TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNGRCCL/SBGRCLL  
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	420		470			
12.250	9.625 J55/HCK	36.0	0	3500		1500			
8.500	7.000 L80	29.0	0	4809		610			

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		5066						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5271	9580	5686 TO 9548			OPEN HOLE PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material	ARTESIA DISTRICT
5686 TO 9548	TOTAL ACID 2456 BBL, TOTAL SAND 2,659,660 #	DEC 04 2010

NM OIL CONSERVATION

RECEIVED

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
11/05/2015	11/21/2015	24	▶	705.0	587.0	2527.0	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	
			▶				832	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	
			▶						

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #324979 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

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	408	540	ANHYDRITE, DOLOMITE W	RUSTLER	408
SALADO	540	1420	ANHYDRITE, DOLOMITE W	SALADO	540
TANSIL	1420	1550	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1420
YATES	1550	1825	SANDSTONE O/G/W	YATES	1550
SEVEN RIVERS	1825	2420	SS, DOLOMITE, LIMESTONE O/G/W	SEVEN RIVERS	1825
QUEEN	2420	2840	SS, DOLO, LIMESTONE O/G/W	QUEEN	2420
GRAYBURG	2824	3156	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	2824
SAN ANDRES	3156	4628	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3156

32. Additional remarks (include plugging procedure):

GLORIETA 4628 - 4693 SANDSTONE O/G/W  
 PADDOCK 4693 - 5271 DOLOMITE O/G/W  
 BLINEBRY 5271 - 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 #324979 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 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 fraudulent statements or representations as to any matter within its jurisdiction.