

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		<sup>2</sup> OGRID Number 873
		<sup>3</sup> Reason for Filing Code/ Effective Date NW/ 02/26/16
<sup>4</sup> API Number 30-015-43364	<sup>5</sup> Pool Name CEDAR LAKE; GLORIETA-YESO	<sup>6</sup> Pool Code [96831]
<sup>7</sup> Property Code [308720]	<sup>8</sup> Property Name LEE FEDERAL	<sup>9</sup> Well Number #055

**II. <sup>10</sup>Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	17	17S	31E		990	SOUTH	2310	WEST	EDDY

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lsc Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 02/26/16	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
<b>NM OIL CONSERVATION</b>		
ARTESIA DISTRICT		
MAR 10 2016		
RECEIVED		

**IV. Well Completion Data**

<sup>21</sup> Spud Date 10/07/2015	<sup>22</sup> Ready Date 02/26/2016	<sup>23</sup> TD 6400'	<sup>24</sup> PBDT 6350'	<sup>25</sup> Perforations 5626-5984'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17.5'	13.375 48#	415'	570 sx Class C		
11'	8.625 32#	3517'	1700 sx Class C		
7.875'	5.5 17#	6400"	940 sx Class C		
Tubing	2-7/8"	6079'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 02/26/2016	<sup>32</sup> Gas Delivery Date 02/26/2016	<sup>33</sup> Test Date 02/29/16	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil 48	<sup>39</sup> Water 153	<sup>40</sup> Gas 152		<sup>41</sup> Test Method P

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Emily Follis</i>	OIL CONSERVATION DIVISION Approved by: <i>A Dade</i> Title: <i>DIST II Supervisor</i> Approval Date: <i>3-16-16</i>
Printed name: Emily Follis	
Title: Reg Analyst	
E-mail Address: emily.follis@apachecorp.com	
Date: 03/03/2016	Phone: 432-818-1801

Pending BLM approvals will subsequently be reviewed and scanned (LD)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMLC029395B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
LEE FEDERAL 55

9. API Well No.  
30-015-43364

10. Field and Pool, or Exploratory  
CEDAR LAKE; GLORIETA-YESO

11. County or Parish, and State  
EDDY COUNTY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T17S R31E SESW 990FSL 2310FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Apache completed the well as follows: RR 10/17/2015

01/18/16 MIRU RENEGADE WL - PU RIH LOGGING FROM 6330 TO SURF CNL,CBL,GRCL GOOD CEMENT BOND EST TOC @ 102' FROM SURF. PERF LOWER BLINEBRY/TUBB @ 5626-5984 (2 SPF)(32 HOLES) .37"-42" HOLE 21" PENETRATION POOH W/WL RDMO RENEGADE  
01/19/16 MIRU PETROPLEX SPOT 352 GAL ACID ACROSS PERFS, BREAK DOWN PERFS @2057# ACIDIZE LOWER BLINEBRY/TUBB 5626-5983.W/3500 GAL ACID,DROP64 7/8 1.3 BALL SEALERS GOOD BALL ACTION. BALL OUT W/50 BALL FORMATION,FLUSH W/95 BBL 1% KCL FW RD PETROPLEX.  
01/20/16 NU FRAC VALVE RDMO. FRAC AT LATER DATE  
01/27/16 MIRU FRAC & WL - BASIC TO FRAC - (3 STAGE FRAC) LOWER BLINEBRY  
01/27-29/16 FRAC (STAGE 1-3)4640-5983'  
TOTAL FRAC ACID - 131 BBL

**NM OIL CONSERVATION**  
ARTESTA DISTRICT

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #332969 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad

Name (Printed/Typed) EMILY FOLLIS Title REGULATORY ANALYST Date 03/07/2016

Signature (Electronic Submission) RECEIVED MAR 10 2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office \_\_\_\_\_

Pending BLM approvals will subsequently be reviewed and scanned *LED*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. \_\_\_\_\_ to any department or agency of the United

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #332969 that would not fit on the form**

**32. Additional remarks, continued**

TOTAL FRAC SAND - 537,911 #

01/29/16 RDMO FRAC AND WIRELINE.

02/05/16 FOUND WELL ON VAC, MIRU PU, RU & FOAM/NITRO UNIT, RACK & TALLY TBG, ND GOATHD & FRAC VALVE, NU BOP, SET & PLUMB IN 1/2 FRAC, SD DUE TO EXCESSIVE WIND

02/09/16 FOUND WELL @ #600, KILL WELL, POH W/BIT, ND BOP & FRAC SPOOL, NU BOP & PROD SPOOL, RIH W/BHA & PROD TBG, ND BOP, NU WELL HD

02/10/16 FOUND WELL @ #50, BLED DN, PU & RIH W/PUMP & RODS, LOAD/TEST @ #500, LAND PR IN STUFFING BOX, RDMO.

02/27/16 SET PUMPING UNIT, RUN ELECTRICAL, PLUMB INTO BATTERY, TURN OVER TO PRODUCTION. - POP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**  
ALBUQUERQUE DISTRICT

MAR 10 2016

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED**

5. Lease Serial No.  
NMLC029395B

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Sec 17 T17S R31E Mer**  
**SESW 990FSL 2310FWL**  
At top prod interval reported below **Sec 17 T17S R31E Mer**  
**SESW 990FSL 2310FWL**  
At total depth \_\_\_\_\_

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No.  
**LEE FEDERAL 55**

9. API Well No.  
**30-015-43364**

10. Field and Pool, or Exploratory  
**CEDAR LAKE:GLORIETA-YESO**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 17 T17S R31E Mer**

12. County or Parish **EDDY COUNTY** 13. State **NM**

14. Date Spudded **10/07/2015** 15. Date T.D. Reached **10/17/2015** 16. Date Completed  
 D & A  Ready to Prod.  
**02/26/2016**

17. Elevations (DF, KB, RT, GL)\*  
**3672 GL**

18. Total Depth: **MD 6400** 19. Plug Back T.D.: **MD 6350** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CNL/CBL/GRCLL**

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	415			570			
11.000	8.625 J55	32.0	3517			1700			
7.875	5.500 L80	17.0	6400			940			

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	6070							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) LOWER BLINEBRY	5221	6400	5626 TO 5984	2.000	32	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4640 TO 5983	131 BBL TOTAL ACID, 537,911 # 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
02/26/2016	02/29/2016	24	→	48.0	152.0	153.0	36.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→				317	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		→						

Pending BLM approvals will subsequently be reviewed and scanned (P)

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

ELECTRONIC SUBMISSION #332951 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

...OR-SUBMITTED \*\*

