

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 3000 Midland TX 79705		<sup>2</sup> OGRID Number 873
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 01/26/2015
<sup>4</sup> API Number 30-015-42188	<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 068

**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
H	20	17S	31E		2120	North	370	East	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
H	20	17S	31E		2314	North	327	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 01/26/2015	<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**

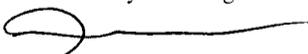
<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT <b>MAR 26 2015</b> <b>RECEIVED</b>		

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBTB	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
10/18/2014	01/26/2015	6411'	6375'	4678'-6312'	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2"	13-3/8"	330'	385 sx Class C		
11"	8-5/8"	3500'	1450 sx Class C		
7-7/8"	5-1/2"	6411'	990 sx Class C		
Tubing	2-7/8"	6340'			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
01/26/2015	01/26/2015	03/19/2015	24		
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
	68	199	167	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: 

OIL CONSERVATION DIVISION	
Approved by: 	Title: 
Approval Date: 4-2-15	
Pending BLM approvals will subsequently be reviewed and scanned 	

Printed name: Fatima Vasquez	Title: Regulatory Analyst II
E-mail Address: Fatima.Vasquez@apachecorp.com	
Date: 03/21/2015	Phone: (432) 818-1015

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.

8. Well Name and No.  
LEE FEDERAL 68

9. API Well No.  
30-015-42188

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
APACHE CORPORATION  
Contact: FATIMA VASQUEZ  
E-Mail: fatima.vasquez@apachecorp.com

3a. Address  
303 VETERANS AIRPARK LN  
MIDLAND, TX 79705  
3b. Phone No. (include area code)  
Ph: 432-818-1015

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T17S R31E SENE 2120FNL 370FEL  
32.821479 N Lat, 103.884532 W Lon

**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 this well as follows:

10/30/2014 MIRUPU.  
10/31/2014 Log TOC @ SF.  
Stage 1 - Perf Lower Blinebry/Tubb @ 5868', 80', 5900', 28', 46', 70', 82', 96', 6020', 40', 60', 80', 6100', 20', 40', 60', 80', 6200', 20', 40', 60', 69', 84', 94', & 6312' w/ 1 SPF, 25 holes.  
11/03/2014 Spot 432 gals acid. Acidize Blinebry/Tubb w/ 3397 gals 15% HCl NEFE acid.  
12/06/2014 Frac Blinebry/Tubb w/ 20,034 gals 15# pad, 138,264 gals 15# gel, 202,769# 16/30 sand & 4704 gals 10# flush. Spot 1008 gals 15% acid.  
12/07/2014 Set CBP @ 5820'.  
Stage 2 - Perf Upper Blinebry @ 5210', 38', 49', 63', 84', 5302', 16', 34', 50', 70', 99', 5420', 33', 60', 87', 98', 5509', 22', 42', 61', 85', 5602', 26', 50', 80', 5705', & 30' w/ 1 SPF, 27

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #295698 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad**

Name (Printed/Typed) FATIMA VASQUEZ Title REGULATORY ANALYST II

Signature (Electronic Submission) Date 03/21/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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 \_\_\_\_\_

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

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.

**Additional data for EC transaction #295698 that would not fit on the form**

**32. Additional remarks, continued**

holes. Acidize w/ 3486 gals 15% HCl acid. Frac w/ 22,428 gals 15# pad, 153,048 gals 15# gel, 222,542# 16/30 sand, & 4116 gals 10# flush. Spot 1008 gals 15% HCl acid. Set CBP @ 5190'. Stage 3 - Perf Glorieta/Paddock @ 4678', 88', 4707', 18', 42', 68', 87', 4801', 16', 39', 53', 75', 4900', 24', 45', 63', 81', 93', 5010', 39', 60', 78', 96', 5112', 25', 38', & 50' w/ 1 SPF, 27 holes. Acidize w/ 3948 gals 15% HCl acid. Frac w/ 22,890 gals 15# pad, 158,172 gals 15# gel, 229,322# 16/30 sand & 4704 gals 10# flush.  
12/16/2014 NU prod spool & BOP. RIH w/ bit & tbg.  
12/17/2014 DO CBPs @ 5190' & 5820'. CO to PBTB @ 6375'. Circ hole clean.  
12/18/2014 RIH w/ 2-7/8" J-55 6.5# prod tbg. TAC @ 4559', SN @ 6250', ETD @ 6340'.  
12/19/2014 RIH w/ pump & rods. Clean location. RDMOSU.  
01/25/2015 Set 640 pumping unit. POP.