

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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  
Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

Submit to Appropriate District Office  
5 Copies

DEC 19 2011

HOBBS OGD

Oil Conservation Division  
St. Francis Dr.  
87505  
This well has been placed in the pool designated below  
If you do not concur notify the Hobbs OGD Geologist

☐ AMENDED REPORT

I. REQUEST FOR ALLOCATION

AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Cimarex Energy Co. of Colorado 600 N. Marienfeld, Ste. 600 Midland, TX 79701		<sup>2</sup> OGRID Number 162683
		<sup>3</sup> Reason for Filing Code/ Effective Date NW - 8/20/11
<sup>4</sup> API Number 30 - 025-40123	<sup>5</sup> Pool Name Lea Bone Spring; South	<sup>6</sup> Pool Code 37580
<sup>7</sup> Property Code 38591	<sup>8</sup> Property Name Lynch "23" Federal Com	<sup>9</sup> Well Number 002 H

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
A	23	20S	34E		330	North	660	East	Lea

<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
P	23	20S	34E		4940 230	South	532 640	E	Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 09.3.11	<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> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
180055	Duke Energy Field Svs. SW Inc. 6120 Yale Ave. Ste. 1100 Tulsa, OK 74136-4200		G	Same as above
34053	Plains Marketing L.P. P O Box 4648 Houston, TX 77210		O	Same as above

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description Same as above
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V. Well Completion Data

<sup>25</sup> Spud Date 12-18-10	<sup>26</sup> Ready Date 8-19-11 2-7-11	<sup>27</sup> TD MTD 7018	<sup>28</sup> PBTD	<sup>29</sup> Perforations 5300' - 6750'	<sup>30</sup> DHC, MC
<sup>31</sup> Hole Size 17.5"	<sup>32</sup> Casing & Tubing Size 13.375"	<sup>33</sup> Depth Set 1708'	<sup>34</sup> Sacks Cement 1250sx		
11"	9.625"	5433'	2410sx		
8.75"	5.5"	15435	2450sx		
	2 7/8	9298			

VI. Well Test Data

<sup>35</sup> Date New Oil 8/19/11	<sup>36</sup> Gas Delivery Date 9/3/11	<sup>37</sup> Test Date 9/10/11	<sup>38</sup> Test Length 24 hrs	<sup>39</sup> Tbg. Pressure 510	<sup>40</sup> Csg. Pressure 200
<sup>41</sup> Choke Size Open	<sup>42</sup> Oil 318	<sup>43</sup> Water 437	<sup>44</sup> Gas 288	<sup>45</sup> AOF	<sup>46</sup> Test Method Producing

<sup>47</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: Carolyn Larson

Printed name: Carolyn Larson

Title: Regulatory Analyst

E-mail Address: clarson@cimarex.com

Date: December 16, 2011 Phone: 432-620-1946

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: FEB 08 2012