

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
**Energy Minerals and Natural Resources**  
**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised July 18, 2013

AMENDED REPORT

HOBBS OCD  
JUN 01 2017  
RECEIVED

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Cimarex Energy Co. of Colorado 202 S. Cheyenne Ave., Suite 1000 Tulsa OK 74103	<sup>2</sup> OGRID Number 162683  <sup>3</sup> API Number 30-025-35923
<sup>4</sup> Property Code 29796 <b>300950</b>	<sup>5</sup> Property Name Shelley 34 State
<sup>6</sup> Well No. #1	

**<sup>7</sup> Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	34	19S	37E		800'	North	330'	East	Lea

**<sup>8</sup> Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**<sup>9</sup> Pool Information**

<sup>9</sup> Pool Name Skaggs; Glorietta, Northwest	<sup>9</sup> Pool Code 97203
--	---------------------------------

**Additional Well Information**

<sup>11</sup> Work Type Plugback/RC	<sup>12</sup> Well Type Oil	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type State	<sup>15</sup> Ground Level Elevation 3603
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth PBSD 6935'	<sup>18</sup> Formation Glorietta	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
<sup>21</sup> Depth to Ground water 300'	<sup>22</sup> Distance from nearest fresh water well		<sup>23</sup> Distance to nearest surface water	

We will be using a closed-loop system in lieu of lined pits

**<sup>21</sup> Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12 1/4"	8 5/8"	24#	1412'	640 sks	Surface
Production	7 7/8"	4 1/2"	11.6#	7190'	1500 sks	Surface

**Casing/Cement Program: Additional Comments**

--

**<sup>22</sup> Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
I further certify that I have complied with 19.15.14.9 (A) NMAC  and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Amithy Crawford*  
Printed name: Amithy Crawford  
Title: Regulatory Analyst  
E-mail Address: acrawford@cimarex.com  
Date: 5/25/2017 Phone: 432-620-1909

<b>OIL CONSERVATION DIVISION</b>	
Approved By: <i>[Signature]</i>	
Title: <b>Petroleum Engineer</b>	
Approved Date: <i>06/02/17</i>	Expiration Date: <i>06/02/19</i>
Conditions of Approval Attached	