

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  
Energy, Minerals & Natural Resources

Form C-104  
Revised October 15, 2009

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 <b>COG Operating LLC</b> 550 West Texas Ave, Suite 100 Midland, TX 79701		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW effective 6/28/11
<sup>4</sup> API Number 30 - 015 - 38640	<sup>5</sup> Pool Name Grayburg Jackson; SR-Q-G-SA	<sup>6</sup> Pool Code 28509
<sup>7</sup> Property Code 308195	<sup>8</sup> Property Name Dodd Federal Unit	<sup>9</sup> Well Number 644

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

UL or lot no. G	Section 22	Township 17S	Range 29E	Lot Idn	Feet from the 2583	North/South Line North	Feet from the 2310	East/West line East	County Eddy
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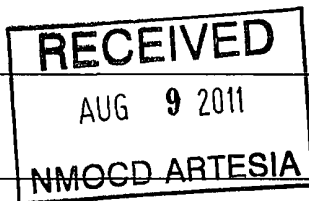
**<sup>11</sup> Bottom Hole Location**

UL or lot no. G	Section 22	Township 17S	Range 29E	Lot Idn	Feet from the 2304	North/South line North	Feet from the 2297	East/West line East	County Eddy
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<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 6/28/11	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
005120	Navajo Refining Co. Pipeline Div.	O
005555	Frontier Energy Services	G



**IV. Well Completion Data**

<sup>21</sup> Spud Date 5/29/11	<sup>22</sup> Ready Date 6/28/11	<sup>23</sup> TD 4557	<sup>24</sup> PBDT 4509	<sup>25</sup> Perforations 4045 - 4490	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 17-1/2	<sup>28</sup> Casing & Tubing Size 13-3/8	<sup>29</sup> Depth Set 304	<sup>30</sup> Sacks Cement 650		
11	8-5/8	855	600		
7-7/8	5-1/2	4552	900		
	2-7/8 tbg	4446			

**V. Well Test Data**

<sup>31</sup> Date New Oil 6/30/11	<sup>32</sup> Gas Delivery Date 6/30/11	<sup>33</sup> Test Date 7/6/11	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 70
<sup>37</sup> Choke Size	<sup>38</sup> Oil 153	<sup>39</sup> Water 565	<sup>40</sup> Gas 185		<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: *Netha Aaron*

Printed name:  
Netha Aaron

Title:  
Regulatory Analyst

E-mail Address:  
oaaron@conchoresources.com

Date:  
7/21/11

Phone:  
432-818-2319

OIL CONSERVATION DIVISION

Approved by:

Title: *PETROLEUM ENGINEER*

Approval Date: **SEP 22 2011**

*Call*

Operator: COG Well Name: Dodd Federal Unit # 644

OGRID: 229137 API: 30-0 15-38040 Lease Type (F) S P

Date C104 rec'd 08/09/2011 C-104 filed for N X RT    PB    RE    DHC    Other     
Date of file review   /  /  

Inactive Well List 5 out of 3016  
Additional Bonding: OK

APD Approval Date 03/14/2011  
Pit Permit Approval 04/01/2011 Permit # 211376 Pit Closure: 06/06/2011

Spud notice ✓ 05/29/2011  
Casing:

Surface 13.375 amended required     
Intermediate 8.425 amended required     
Production 5.5 amended required     
TD Reached: 06/05/2011  
Rig Released:   /  /  

Deviation Survey: 6.5 <sup>2909</sup> @ 4505 TD @ 4557  
1.00

Standard or Directional Survey 08/09/2011 MD    TVD   

"As Drilled" or Amended C-102 ✓

BHL: UL G S 22 T 175 R 29E Footages 2304 ~~FNL~~/FSL 2297 FWL/~~FEL~~

Completion Sundry: 08/18/2011  
Completion Report: 08/18/2011  
Logs 8-9-11 (2)

COMPLIANCE: NSL    NSP     
DHC    ART   

OTHER REQUIREMENTS:     
    
  

Inactive Well List   //   Date to RD for approval 9/22/11  
Additional Bonding   

Reviewed by: dm DENIED   /  /