

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<br>LOGOS Operating, LLC<br>2010 Afton Place<br>Farmington, NM 87401 |                                                    | <sup>2</sup> OGRID Number<br>289408                       |
|                                                                                                            |                                                    | <sup>3</sup> Reason for Filing Code/ Effective Date<br>RT |
| <sup>4</sup> API Number<br>30-039-31367                                                                    | <sup>5</sup> Pool Name<br>Lybrook Gallup           | <sup>6</sup> Pool Code<br>42289                           |
| <sup>7</sup> Property Code<br>322501                                                                       | <sup>8</sup> Property Name<br>Federal 2307 07P Com | <sup>9</sup> Well Number<br>2H                            |

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

|                    |              |                 |             |         |                       |                           |                      |                        |                      |
|--------------------|--------------|-----------------|-------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------------|
| UL or lot no.<br>P | Section<br>7 | Township<br>23N | Range<br>7W | Lot Idn | Feet from the<br>1283 | North/South Line<br>South | Feet from the<br>317 | East/West line<br>East | County<br>Rio Arriba |
|--------------------|--------------|-----------------|-------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------------|

<sup>11</sup> Bottom Hole Location

|                             |                                             |                                                     |                                   |                                    |                                     |                           |                      |                        |                      |
|-----------------------------|---------------------------------------------|-----------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|----------------------|
| UL or lot no.<br>L          | Section<br>6                                | Township<br>23N                                     | Range<br>7W                       | Lot Idn<br>6                       | Feet from the<br>2487               | North/South line<br>South | Feet from the<br>218 | East/West line<br>West | County<br>Rio Arriba |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>Date<br>~12/17/2018 | <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<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                                   | <sup>20</sup> O/G/W |
| 323315                             | Whiptail Midstream<br>15 W. 6 <sup>th</sup> Street, Suite 2901, Tulsa, OK 74119 | O                   |
| 323315                             | Whiptail Midstream<br>15 W. 6 <sup>th</sup> Street, Suite 2901, Tulsa, OK 74119 | G                   |
|                                    |                                                                                 |                     |
|                                    |                                                                                 |                     |
|                                    |                                                                                 |                     |
|                                    |                                                                                 |                     |

IV. Well Completion Data

|                                      |                                         |                                      |                                                                      |                                                                       |                                            |
|--------------------------------------|-----------------------------------------|--------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|
| <sup>21</sup> Spud Date<br>10/7/2018 | <sup>22</sup> Ready Date<br>~12/17/2018 | <sup>23</sup> TD<br>13863'MD/5812'VD | <sup>24</sup> PBTD<br>~13811'MD/5811'VD                              | <sup>25</sup> Perforations<br>~6401'MD- ~7099'MD<br>5762'VD - 5764'VD | <sup>26</sup> DHC, MC<br>NSL 7749 NSP 2109 |
| <sup>27</sup> Hole Size              | <sup>28</sup> Casing & Tubing Size      | <sup>29</sup> Depth Set              | <sup>30</sup> Sacks Cement                                           |                                                                       |                                            |
| 12-1/4"                              | 9-5/8", 36#, J-55                       | 345'                                 | 101 sx(29bbbls, 162cf)                                               |                                                                       |                                            |
| 8-3/4"                               | 7", 23#, J-55                           | 6264'MD/5759'TVD                     | 880 sx(273bbbls, 1533cf)<br>DV tool @ 2887'                          |                                                                       |                                            |
| 6-1/8"                               | 4-1/2", 11.6#, P-110                    | 13858'MD/5812' TVD                   | 710 sx(172bbbls, 966cf)<br>TOL @ 6113'                               |                                                                       |                                            |
| 6-1/8"                               | 4-1/2", 11.6#, P-110                    | 6113' TOL                            | NONE-temporary tieback liner to be removed<br>after DO of frac plugs |                                                                       |                                            |

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<br>hrs | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure |
| <sup>37</sup> Choke Size   | <sup>38</sup> Oil               | <sup>39</sup> Water     | <sup>40</sup> Gas                |                             | <sup>41</sup> Test Method   |

|                                                                                                                                                                                                                            |                     |                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------|--|
| <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 my knowledge and belief.<br>Signature: Marie E. Florez |                     | OIL CONSERVATION DIVISION<br>Approved by: [Signature] 12/18/18<br>Title: I & E Supervisor<br>Approval Date: 12-18-18 |  |
| Printed names: Marie E. Florez                                                                                                                                                                                             |                     |                                                                                                                      |  |
| Title: Regulatory Specialist                                                                                                                                                                                               |                     |                                                                                                                      |  |
| E-mail Address: mflorez@logosresourcesllc.com                                                                                                                                                                              |                     |                                                                                                                      |  |
| Date 12/12/2017                                                                                                                                                                                                            | Phone: 505-787-2218 |                                                                                                                      |  |

CONFIDENTIAL