

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>Catena Resources Operating, LLC<br>1001 Fannin Street, 22 <sup>nd</sup> Floor<br>Houston, TX 77002 |                                                        | <sup>2</sup> OGRID Number<br>328449                                 |
|                                                                                                                                              |                                                        | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW 6/16/2022 |
| <sup>4</sup> API Number<br>30 – 025-49535                                                                                                    | <sup>5</sup> Pool Name<br>Scharb; Wolfcamp             | <sup>6</sup> Pool Code<br>55640                                     |
| <sup>7</sup> Property Code<br>331697                                                                                                         | <sup>8</sup> Property Name<br>RAMBO E2 08 17 STATE COM | <sup>9</sup> Well Number<br>001H                                    |

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

|                    |              |                 |              |         |                      |                       |                       |                     |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|-----------------------|-----------------------|---------------------|---------------|
| Ul or lot no.<br>P | Section<br>5 | Township<br>19S | Range<br>35E | Lot Idn | Feet from the<br>319 | North/South Line<br>S | Feet from the<br>1233 | East/West line<br>E | County<br>Lea |
|--------------------|--------------|-----------------|--------------|---------|----------------------|-----------------------|-----------------------|---------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                             |                                             |                                                   |                                   |                                    |                                     |                       |                       |                     |               |
|-----------------------------|---------------------------------------------|---------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|-----------------------|-----------------------|---------------------|---------------|
| UL or lot no.<br>O          | Section<br>17                               | Township<br>19S                                   | Range<br>35E                      | Lot Idn                            | Feet from the<br>100                | North/South line<br>S | Feet from the<br>1675 | East/West line<br>E | County<br>Lea |
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>F | <sup>14</sup> Gas Connection<br>Date<br>6/17/2022 | <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

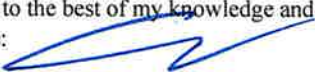
|                                    |                                                                             |                     |
|------------------------------------|-----------------------------------------------------------------------------|---------------------|
| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                               | <sup>20</sup> O/G/W |
| 34053                              | Plains Marketing L.P.<br><br>333 Clay Street, Suite 1900, Houston, TX 77002 | Oil                 |
| 24650                              | Targa Resources<br><br>811 Louisiana, Suite 2100, Houston, TX 77002         | GAS                 |
|                                    |                                                                             |                     |
|                                    |                                                                             |                     |
|                                    |                                                                             |                     |
|                                    |                                                                             |                     |

IV. Well Completion Data

|                                       |                                       |                                |                                  |                                                 |                       |
|---------------------------------------|---------------------------------------|--------------------------------|----------------------------------|-------------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>11/17/2021 | <sup>22</sup> Ready Date<br>6/16/2022 | <sup>23</sup> TD<br>21,528' MD | <sup>24</sup> PBDT<br>21,524' MD | <sup>25</sup> Perforations<br>11,405' – 21,486' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size               | <sup>28</sup> Casing & Tubing Size    | <sup>29</sup> Depth Set        | <sup>30</sup> Sacks Cement       |                                                 |                       |
| 17.5"                                 | 13.375"                               | 2017'                          | 1570                             |                                                 |                       |
| 12.25"                                | 9.625"                                | 4019'                          | 855                              |                                                 |                       |
| 8.75"                                 | 5.5"                                  | 21528'                         | 3000                             |                                                 |                       |
|                                       |                                       |                                |                                  |                                                 |                       |

V. Well Test Data

|                                         |                                              |                                     |                                       |                                    |                                        |
|-----------------------------------------|----------------------------------------------|-------------------------------------|---------------------------------------|------------------------------------|----------------------------------------|
| <sup>31</sup> Date New Oil<br>6/16/2022 | <sup>32</sup> Gas Delivery Date<br>6/17/2022 | <sup>33</sup> Test Date<br>7/7/2022 | <sup>34</sup> Test Length<br>24 hours | <sup>35</sup> Tbg. Pressure<br>N/A | <sup>36</sup> Csg. Pressure<br>312 psi |
| <sup>37</sup> Choke Size<br>38/64       | <sup>38</sup> Oil<br>613                     | <sup>39</sup> Water<br>1453         | <sup>40</sup> Gas<br>333              |                                    | <sup>41</sup> Test Method<br>Flowing   |

|                                                                                                                                                                                                                                                                                                            |                     |                           |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------|--|
| <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.<br>Signature:  |                     | OIL CONSERVATION DIVISION |  |
| Printed name: Cato L. Clark                                                                                                                                                                                                                                                                                |                     | Approved by:              |  |
| Title: Vice President Land                                                                                                                                                                                                                                                                                 |                     | Title:                    |  |
| E-mail Address: Clark@catenares.com                                                                                                                                                                                                                                                                        |                     | Approval Date:            |  |
| Date: 7/21/22                                                                                                                                                                                                                                                                                              | Phone: 346-200-7894 |                           |  |

DISTRICT I  
1825 N French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-8720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S St. Francis Dr., Santa Fe, N.M. 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, N.M. 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District Office

AS-DRILLED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                                      |                                                   |
|------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-49535</b> | <sup>2</sup> Pool Code<br><b>55640</b>                               | <sup>3</sup> Pool Name<br><b>Scharb; Wolfcamp</b> |
| <sup>4</sup> Property Code<br><b>331697</b>    | <sup>5</sup> Property Name<br><b>Rambo E2 08 17 State Com</b>        | <sup>6</sup> Well Number<br><b>1H</b>             |
| <sup>7</sup> OGRD No.<br><b>328449</b>         | <sup>8</sup> Operator Name<br><b>Catena Resources Operating, LLC</b> | <sup>9</sup> Elevation<br><b>3853</b>             |

<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     |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>P</b>      | <b>5</b> | <b>19 S</b> | <b>35 E</b> |         | <b>319</b>    | <b>South</b>     | <b>1233</b>   | <b>East</b>    | <b>Lea</b> |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>O</b>      | <b>17</b> | <b>19 S</b> | <b>35 E</b> |         | <b>100</b>    | <b>South</b>     | <b>1675</b>   | <b>East</b>    | <b>Lea</b> |

|                                             |                               |                                              |                                           |
|---------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------|
| <sup>12</sup> Dedicated Acres<br><b>640</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code<br><b>C</b> | <sup>15</sup> Order No.<br><b>R-21890</b> |
|---------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>18</p> | <p>SCALE: 1"=3000'</p> <p>SURFACE LOCATION<br/>NAD 83 NME<br/>Y=613373.82 N<br/>X=805427.53 E<br/>LAT.=32.6832722° N<br/>LONG.=103.4749843° W</p> <p>FIRST TAKE POINT<br/>101' FNL, 1712' FEL<br/>SEC. 8, T19S, R35E<br/>NAD 83 NME<br/>Y=612949.01 N<br/>X=804949.74 E<br/>LAT.=32.6821152° N<br/>LONG.=103.4765482° W</p> <p>CORNER COORDINATES TABLE<br/>NAD 83 NME</p> <p>A - Y=614368.88 N, X=805337.48 E<br/>B - Y=614378.47 N, X=806658.88 E<br/>C - Y=613042.32 N, X=804024.75 E<br/>D - Y=613053.96 N, X=805342.89 E<br/>E - Y=602451.85 N, X=804135.01 E<br/>F - Y=602462.24 N, X=805460.62 E</p> <p>CORNER COORDINATES TABLE<br/>NAD 83 NME</p> <p>A - LAT.=32.6860090° N, LONG.=103.4752508° W<br/>B - LAT.=32.6860059° N, LONG.=103.4709560° W<br/>C - LAT.=32.6823921° N, LONG.=103.4795518° W<br/>D - LAT.=32.6823949° N, LONG.=103.4752678° W<br/>E - LAT.=32.6532828° N, LONG.=103.4794704° W<br/>F - LAT.=32.6532820° N, LONG.=103.4751635° W</p> <p>BOTTOM HOLE LOCATION<br/>NAD 83 NME<br/>Y=602559.75 N<br/>X=805108.80 E<br/>LAT.=32.6535578° N<br/>LONG.=103.4763039° W</p> <p>Legend:<br/>● = Surface Location<br/>○ = Bottom Hole Location<br/>△ = First Take Point (FTP)</p> | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>6/10/22</p> <p>Date of Survey<br/>Date Revised: 6/10/22<br/>Signature and Seal of Professional Surveyor</p> <p></p> <p>17078<br/>Certificate Number</p> |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## Directional Survey Report

Company: **Catena Resources Operating, LLC**  
Well: **Rambo E2 08 17 State Com #001H ST01**

County: **Lea**

State: **New Mexico**

Field: **Scharb;Wolfcamp**

API: **30-025-49535**

Rig: **Scan Vision**

Service Co: **Gordon Technologies LLC**

Job #: **GT211567**

Survey Calc: **Minimum Curvature**

Well Surface Location

Latitude: **32.683272**

Longitude: **-103.474985**

Reference: **NAD 1983**

Y (Northing): **613373.87**

X (Easting): **805427.41**

Field Engr: **Reagan Watson**

**Brian Douglas**

Report Date: **Dec 29 2021**

Time: **10:12**

Mag Reference: **Grid North**

Mag Correction: **6.02**

Vert Sect. Azi: **179.33**

Perm Datum: **Mean Sea Level**

Depth Ref: **Rotary Table**

RKB Height: **25**

GL Elev: **3854**

| Survey Data - Minimum Curvature |         |      |         |         |         |                     |         |        |      |         |          |         |       |           |
|---------------------------------|---------|------|---------|---------|---------|---------------------|---------|--------|------|---------|----------|---------|-------|-----------|
| Survey Tie In                   | MD      | Inc  | Azimuth | TVD     | VS      | Rectangular Offsets |         | Course |      | Closure |          |         | BUILD | Source    |
|                                 |         |      |         |         |         | NS                  | EW      | Length | DLS  | Temp    | Distance | Azimuth |       |           |
|                                 | 0       | 0    | 0       | 0       | 0       | 0                   | 0       | 0      | 0    | 0       | 0        | 0       | 0     |           |
| 1                               | 136.00  | 0.20 | 251.82  | 136.00  | 0.07    | -0.07               | -0.22   | 136.00 | 0.14 | 64.40   | 0.23     | 251.82  | 0.14  | MWD Run 1 |
| 2                               | 230.00  | 0.13 | 101.86  | 230.00  | 0.14    | -0.14               | -0.27   | 94.00  | 0.34 | 66.20   | 0.30     | 241.42  | -0.07 | MWD Run 1 |
| 3                               | 318.00  | 0.17 | 182.94  | 318.00  | 0.29    | -0.30               | -0.17   | 88.00  | 0.23 | 66.20   | 0.34     | 210.24  | 0.04  | MWD Run 1 |
| 4                               | 405.00  | 0.11 | 98.65   | 405.00  | 0.43    | -0.44               | -0.10   | 87.00  | 0.22 | 68.00   | 0.45     | 192.76  | -0.07 | MWD Run 1 |
| 5                               | 504.00  | 0.10 | 113.39  | 504.00  | 0.48    | -0.48               | 0.07    | 99.00  | 0.03 | 69.80   | 0.49     | 171.66  | -0.01 | MWD Run 1 |
| 6                               | 598.00  | 0.17 | 172.01  | 598.00  | 0.66    | -0.65               | 0.16    | 94.00  | 0.15 | 71.60   | 0.67     | 165.85  | 0.07  | MWD Run 1 |
| 7                               | 693.00  | 0.06 | 197.91  | 693.00  | 0.84    | -0.84               | 0.17    | 95.00  | 0.12 | 75.20   | 0.86     | 168.61  | -0.12 | MWD Run 1 |
| 8                               | 788.00  | 0.06 | 136.48  | 788.00  | 0.92    | -0.92               | 0.19    | 95.00  | 0.06 | 77.00   | 0.94     | 168.48  | 0.00  | MWD Run 1 |
| 9                               | 884.00  | 0.07 | 78.30   | 884.00  | 0.95    | -0.95               | 0.28    | 96.00  | 0.07 | 78.80   | 0.99     | 163.47  | 0.01  | MWD Run 1 |
| 10                              | 979.00  | 0.08 | 96.81   | 979.00  | 0.95    | -0.94               | 0.41    | 95.00  | 0.03 | 80.60   | 1.03     | 156.68  | 0.01  | MWD Run 1 |
| 11                              | 1076.00 | 0.13 | 98.48   | 1076.00 | 0.97    | -0.97               | 0.58    | 97.00  | 0.05 | 82.40   | 1.13     | 148.98  | 0.05  | MWD Run 1 |
| 12                              | 1171.00 | 0.31 | 191.60  | 1171.00 | 1.24    | -1.23               | 0.63    | 95.00  | 0.36 | 84.20   | 1.38     | 152.77  | 0.19  | MWD Run 1 |
| 13                              | 1267.00 | 0.28 | 183.20  | 1267.00 | 1.72    | -1.71               | 0.57    | 96.00  | 0.06 | 86.00   | 1.81     | 161.64  | -0.03 | MWD Run 1 |
| 14                              | 1362.00 | 0.29 | 219.03  | 1362.00 | 2.14    | -2.13               | 0.40    | 95.00  | 0.19 | 89.60   | 2.17     | 169.31  | 0.02  | MWD Run 1 |
| 15                              | 1458.00 | 0.29 | 221.94  | 1457.99 | 2.51    | -2.51               | 0.08    | 96.00  | 0.02 | 93.20   | 2.51     | 178.13  | 0.00  | MWD Run 1 |
| 16                              | 1553.00 | 0.38 | 191.58  | 1552.99 | 3.00    | -3.00               | -0.15   | 95.00  | 0.21 | 95.00   | 3.00     | 182.77  | 0.09  | MWD Run 1 |
| 17                              | 1648.00 | 0.38 | 206.16  | 1647.99 | 3.59    | -3.59               | -0.35   | 95.00  | 0.10 | 98.60   | 3.61     | 185.53  | -0.01 | MWD Run 1 |
| 18                              | 1743.00 | 0.52 | 225.21  | 1742.99 | 4.17    | -4.18               | -0.79   | 95.00  | 0.21 | 98.60   | 4.25     | 190.73  | 0.15  | MWD Run 1 |
| 19                              | 1838.00 | 0.74 | 235.90  | 1837.98 | 4.81    | -4.83               | -1.60   | 95.00  | 0.26 | 104.00  | 5.09     | 198.38  | 0.23  | MWD Run 1 |
| 20                              | 1870.00 | 0.75 | 222.64  | 1869.98 | 5.07    | -5.10               | -1.92   | 32.00  | 0.54 | 104.00  | 5.44     | 200.61  | 0.05  | MWD Run 1 |
| 21                              | 1934.00 | 0.47 | 219.81  | 1933.98 | 5.58    | -5.61               | -2.37   | 64.00  | 0.44 | 102.20  | 6.09     | 202.92  | -0.44 | MWD Run 1 |
| 22                              | 2111.00 | 0.26 | 155.54  | 2110.97 | 6.50    | -6.53               | -2.67   | 177.00 | 0.24 | 87.80   | 7.06     | 202.26  | -0.12 | MWD Run 2 |
| 23                              | 2206.00 | 0.22 | 142.31  | 2205.97 | 6.84    | -6.87               | -2.47   | 95.00  | 0.07 | 91.40   | 7.30     | 199.79  | -0.04 | MWD Run 2 |
| 24                              | 2302.00 | 0.22 | 122.14  | 2301.97 | 7.09    | -7.12               | -2.20   | 96.00  | 0.08 | 95.00   | 7.45     | 197.21  | 0.00  | MWD Run 2 |
| 25                              | 2397.00 | 0.28 | 135.17  | 2396.97 | 7.35    | -7.37               | -1.89   | 95.00  | 0.08 | 96.80   | 7.61     | 194.38  | 0.06  | MWD Run 2 |
| 26                              | 2489.00 | 0.40 | 121.97  | 2488.97 | 7.68    | -7.70               | -1.47   | 92.00  | 0.15 | 100.40  | 7.84     | 190.78  | 0.13  | MWD Run 2 |
| 27                              | 2583.00 | 0.87 | 93.57   | 2582.96 | 7.91    | -7.91               | -0.47   | 94.00  | 0.60 | 100.40  | 7.93     | 183.43  | 0.51  | MWD Run 2 |
| 28                              | 2678.00 | 0.85 | 117.14  | 2677.95 | 8.29    | -8.28               | 0.88    | 95.00  | 0.37 | 104.00  | 8.33     | 173.95  | -0.02 | MWD Run 2 |
| 29                              | 2773.00 | 1.20 | 122.79  | 2772.94 | 9.17    | -9.14               | 2.34    | 95.00  | 0.38 | 105.80  | 9.44     | 165.62  | 0.37  | MWD Run 2 |
| 30                              | 2868.00 | 1.14 | 114.70  | 2867.92 | 10.12   | -10.08              | 4.04    | 95.00  | 0.19 | 107.60  | 10.86    | 158.16  | -0.06 | MWD Run 2 |
| 31                              | 2964.00 | 0.98 | 110.69  | 2963.90 | 10.83   | -10.77              | 5.68    | 96.00  | 0.18 | 107.60  | 12.17    | 152.20  | -0.16 | MWD Run 2 |
| 32                              | 3058.00 | 1.43 | 38.57   | 3057.88 | 10.22   | -10.14              | 7.16    | 94.00  | 1.56 | 111.20  | 12.41    | 144.75  | 0.47  | MWD Run 2 |
| 33                              | 3152.00 | 1.80 | 37.03   | 3151.85 | 8.14    | -8.04               | 8.79    | 94.00  | 0.40 | 113.00  | 11.91    | 132.47  | 0.39  | MWD Run 2 |
| 34                              | 3246.00 | 1.36 | 357.89  | 3245.81 | 5.86    | -5.75               | 9.63    | 94.00  | 1.21 | 109.40  | 11.22    | 120.81  | -0.47 | MWD Run 2 |
| 35                              | 3340.00 | 1.39 | 338.50  | 3339.79 | 3.67    | -3.57               | 9.17    | 94.00  | 0.49 | 116.60  | 9.84     | 111.25  | 0.03  | MWD Run 2 |
| 36                              | 3434.00 | 1.37 | 339.63  | 3433.76 | 1.55    | -1.46               | 8.37    | 94.00  | 0.04 | 118.40  | 8.49     | 99.87   | -0.02 | MWD Run 2 |
| 37                              | 3528.00 | 1.26 | 320.28  | 3527.73 | -0.30   | 0.39                | 7.32    | 94.00  | 0.48 | 122.00  | 7.33     | 86.95   | -0.11 | MWD Run 2 |
| 38                              | 3624.00 | 1.03 | 336.52  | 3623.72 | -1.92   | 1.99                | 6.30    | 96.00  | 0.41 | 123.80  | 6.61     | 72.43   | -0.24 | MWD Run 2 |
| 39                              | 3720.00 | 1.33 | 314.37  | 3719.70 | -3.51   | 3.57                | 5.16    | 96.00  | 0.56 | 127.40  | 6.27     | 55.33   | 0.31  | MWD Run 2 |
| 40                              | 3813.00 | 2.47 | 308.88  | 3812.64 | -5.55   | 5.58                | 2.82    | 93.00  | 1.24 | 129.20  | 6.25     | 26.80   | 1.23  | MWD Run 2 |
| 41                              | 3909.00 | 4.31 | 302.85  | 3908.47 | -8.86   | 8.84                | -1.83   | 96.00  | 1.95 | 132.80  | 9.03     | 348.33  | 1.91  | MWD Run 2 |
| 42                              | 3956.00 | 4.59 | 301.04  | 3955.33 | -10.83  | 10.77               | -4.92   | 47.00  | 0.67 | 132.80  | 11.84    | 335.44  | 0.60  | MWD Run 2 |
| 43                              | 4037.00 | 4.44 | 301.16  | 4036.08 | -14.19  | 14.07               | -10.39  | 81.00  | 0.19 | 98.60   | 17.49    | 323.56  | -0.19 | MWD Run 3 |
| 44                              | 4132.00 | 4.15 | 302.94  | 4130.81 | -18.03  | 17.84               | -16.42  | 95.00  | 0.34 | 104.00  | 24.24    | 317.37  | -0.31 | MWD Run 3 |
| 45                              | 4228.00 | 5.21 | 304.01  | 4226.49 | -22.43  | 22.17               | -22.95  | 96.00  | 1.11 | 109.40  | 31.90    | 314.01  | 1.11  | MWD Run 3 |
| 46                              | 4324.00 | 4.96 | 304.52  | 4322.11 | -27.31  | 26.96               | -29.98  | 96.00  | 0.27 | 113.00  | 40.32    | 311.96  | -0.26 | MWD Run 3 |
| 47                              | 4420.00 | 4.76 | 305.16  | 4417.77 | -32.03  | 31.61               | -36.66  | 96.00  | 0.21 | 116.60  | 48.41    | 310.76  | -0.21 | MWD Run 3 |
| 48                              | 4515.00 | 4.48 | 305.25  | 4512.46 | -36.52  | 36.02               | -42.92  | 95.00  | 0.30 | 116.60  | 56.03    | 310.01  | -0.30 | MWD Run 3 |
| 49                              | 4610.00 | 4.18 | 303.75  | 4607.19 | -40.65  | 40.08               | -48.82  | 95.00  | 0.34 | 120.20  | 63.17    | 309.39  | -0.31 | MWD Run 3 |
| 50                              | 4705.00 | 5.12 | 313.68  | 4701.87 | -45.57  | 44.93               | -54.77  | 95.00  | 1.30 | 120.20  | 70.84    | 309.37  | 1.00  | MWD Run 3 |
| 51                              | 4800.00 | 4.90 | 313.95  | 4796.51 | -51.39  | 50.68               | -60.75  | 95.00  | 0.24 | 122.00  | 79.12    | 309.83  | -0.24 | MWD Run 3 |
| 52                              | 4896.00 | 4.70 | 310.15  | 4892.17 | -56.84  | 56.06               | -66.71  | 96.00  | 0.39 | 123.80  | 87.14    | 310.04  | -0.20 | MWD Run 3 |
| 53                              | 4991.00 | 4.73 | 314.44  | 4986.85 | -62.16  | 61.32               | -72.49  | 95.00  | 0.37 | 125.60  | 94.94    | 310.23  | 0.03  | MWD Run 3 |
| 54                              | 5087.00 | 4.31 | 313.77  | 5082.55 | -67.49  | 66.59               | -77.92  | 96.00  | 0.44 | 127.40  | 102.50   | 310.51  | -0.43 | MWD Run 3 |
| 55                              | 5183.00 | 5.55 | 312.85  | 5178.20 | -73.22  | 72.24               | -83.93  | 96.00  | 1.29 | 129.20  | 110.74   | 310.72  | 1.29  | MWD Run 3 |
| 56                              | 5277.00 | 5.46 | 312.29  | 5271.76 | -79.39  | 78.34               | -90.57  | 94.00  | 0.11 | 129.20  | 119.75   | 310.86  | -0.10 | MWD Run 3 |
| 57                              | 5372.00 | 5.28 | 313.43  | 5366.35 | -85.51  | 84.38               | -97.08  | 95.00  | 0.21 | 129.20  | 128.63   | 311.00  | -0.18 | MWD Run 3 |
| 58                              | 5467.00 | 5.17 | 307.00  | 5460.95 | -91.17  | 89.96               | -103.68 | 95.00  | 0.63 | 120.20  | 137.27   | 310.95  | -0.12 | MWD Run 3 |
| 59                              | 5563.00 | 5.45 | 300.91  | 5556.54 | -96.20  | 94.91               | -111.04 | 96.00  | 0.66 | 123.80  | 146.07   | 310.52  | 0.30  | MWD Run 3 |
| 60                              | 5658.00 | 5.46 | 300.83  | 5651.11 | -100.92 | 99.54               | -118.79 | 95.00  | 0.01 | 125.60  | 154.98   | 309.96  | 0.01  | MWD Run 3 |
| 61                              | 5754.00 | 5.29 | 300.12  | 5746.69 | -105.57 | 104.10              | -126.54 | 96.00  | 0.19 | 125.60  | 163.85   | 309.44  | -0.17 | MWD Run 3 |

|     |          |       |        |          |         |          |         |        |       |        |         |        |       |                 |
|-----|----------|-------|--------|----------|---------|----------|---------|--------|-------|--------|---------|--------|-------|-----------------|
| 62  | 5849.00  | 5.25  | 302.87 | 5841.29  | -110.22 | 108.66   | -133.98 | 95.00  | 0.27  | 127.40 | 172.50  | 309.04 | -0.04 | MWD Run 3       |
| 63  | 5944.00  | 5.18  | 300.72 | 5935.89  | -114.85 | 113.21   | -141.32 | 95.00  | 0.22  | 127.40 | 181.07  | 308.70 | -0.08 | MWD Run 3       |
| 64  | 6039.00  | 4.96  | 299.59 | 6030.52  | -119.15 | 117.43   | -148.57 | 95.00  | 0.25  | 129.20 | 189.37  | 308.32 | -0.23 | MWD Run 3       |
| 65  | 6134.00  | 4.70  | 301.74 | 6125.18  | -123.31 | 121.50   | -155.46 | 95.00  | 0.33  | 131.00 | 197.30  | 308.01 | -0.27 | MWD Run 3       |
| 66  | 6229.00  | 4.74  | 300.26 | 6219.86  | -127.41 | 125.53   | -162.16 | 95.00  | 0.13  | 131.00 | 205.07  | 307.74 | 0.03  | MWD Run 3       |
| 67  | 6325.00  | 4.37  | 301.06 | 6315.56  | -131.37 | 129.41   | -168.71 | 96.00  | 0.39  | 131.00 | 212.63  | 307.49 | -0.39 | MWD Run 3       |
| 68  | 6420.00  | 5.41  | 307.15 | 6410.21  | -136.02 | 133.98   | -175.38 | 95.00  | 1.22  | 131.00 | 220.70  | 307.38 | 1.09  | MWD Run 3       |
| 69  | 6516.00  | 5.56  | 310.12 | 6505.77  | -141.83 | 139.71   | -182.54 | 96.00  | 0.34  | 132.80 | 229.87  | 307.43 | 0.16  | MWD Run 3       |
| 70  | 6612.00  | 5.56  | 309.80 | 6601.32  | -147.89 | 145.68   | -189.67 | 96.00  | 0.03  | 132.80 | 239.16  | 307.53 | -0.01 | MWD Run 3       |
| 71  | 6707.00  | 5.47  | 309.29 | 6695.88  | -153.78 | 151.49   | -196.70 | 95.00  | 0.11  | 132.80 | 248.27  | 307.60 | -0.10 | MWD Run 3       |
| 72  | 6801.00  | 5.15  | 310.13 | 6789.48  | -159.41 | 157.04   | -203.39 | 94.00  | 0.35  | 134.60 | 256.96  | 307.67 | -0.34 | MWD Run 3       |
| 73  | 6896.00  | 4.94  | 311.24 | 6884.11  | -164.93 | 162.48   | -209.72 | 95.00  | 0.24  | 134.60 | 265.30  | 307.77 | -0.21 | MWD Run 3       |
| 74  | 6989.00  | 5.01  | 311.99 | 6976.76  | -170.35 | 167.84   | -215.76 | 93.00  | 0.10  | 134.60 | 273.35  | 307.88 | 0.07  | MWD Run 3       |
| 75  | 7085.00  | 4.88  | 312.49 | 7072.40  | -175.99 | 173.41   | -221.89 | 96.00  | 0.14  | 132.80 | 281.61  | 308.01 | -0.13 | MWD Run 3       |
| 76  | 7179.00  | 5.36  | 301.07 | 7166.03  | -181.04 | 178.38   | -228.60 | 94.00  | 1.19  | 134.60 | 289.95  | 307.97 | 0.51  | MWD Run 3       |
| 77  | 7275.00  | 5.09  | 305.23 | 7261.63  | -185.89 | 183.15   | -235.92 | 96.00  | 0.48  | 134.60 | 298.66  | 307.82 | -0.28 | MWD Run 3       |
| 78  | 7369.00  | 5.10  | 305.82 | 7355.26  | -190.83 | 188.00   | -242.71 | 94.00  | 0.06  | 134.60 | 307.01  | 307.76 | 0.01  | MWD Run 3       |
| 79  | 7465.00  | 4.86  | 303.48 | 7450.90  | -195.65 | 192.74   | -249.57 | 96.00  | 0.33  | 134.60 | 315.33  | 307.68 | -0.25 | MWD Run 3       |
| 80  | 7560.00  | 4.79  | 306.48 | 7545.56  | -200.30 | 197.32   | -256.12 | 95.00  | 0.28  | 134.60 | 323.31  | 307.61 | -0.08 | MWD Run 3       |
| 81  | 7656.00  | 4.99  | 305.57 | 7641.21  | -205.19 | 202.13   | -262.73 | 96.00  | 0.22  | 134.60 | 331.49  | 307.57 | 0.21  | MWD Run 3       |
| 82  | 7750.00  | 5.02  | 306.72 | 7734.85  | -210.11 | 206.97   | -269.36 | 94.00  | 0.11  | 134.60 | 339.69  | 307.54 | 0.04  | MWD Run 3       |
| 83  | 7846.00  | 4.87  | 310.90 | 7830.50  | -215.36 | 212.15   | -275.81 | 96.00  | 0.41  | 134.60 | 347.96  | 307.57 | -0.16 | MWD Run 3       |
| 84  | 7941.00  | 4.79  | 310.46 | 7925.16  | -220.65 | 217.37   | -281.87 | 95.00  | 0.10  | 136.40 | 355.95  | 307.64 | -0.09 | MWD Run 3       |
| 85  | 8037.00  | 4.95  | 313.51 | 8020.81  | -226.17 | 222.81   | -287.92 | 96.00  | 0.32  | 136.40 | 364.07  | 307.74 | 0.17  | MWD Run 3       |
| 86  | 8132.00  | 5.72  | 302.50 | 8115.40  | -231.61 | 228.18   | -294.89 | 95.00  | 1.35  | 136.40 | 372.86  | 307.73 | 0.82  | MWD Run 3       |
| 87  | 8227.00  | 5.56  | 305.36 | 8209.94  | -236.91 | 233.39   | -302.64 | 95.00  | 0.34  | 138.20 | 382.18  | 307.64 | -0.17 | MWD Run 3       |
| 88  | 8323.00  | 5.15  | 311.83 | 8305.52  | -242.56 | 238.96   | -309.64 | 96.00  | 0.76  | 138.20 | 391.13  | 307.66 | -0.43 | MWD Run 3       |
| 89  | 8418.00  | 4.74  | 306.92 | 8400.17  | -247.84 | 244.16   | -315.96 | 95.00  | 0.63  | 140.00 | 399.30  | 307.70 | -0.44 | MWD Run 3       |
| 90  | 8513.00  | 4.26  | 297.37 | 8494.88  | -251.89 | 248.14   | -322.23 | 95.00  | 0.93  | 140.00 | 406.70  | 307.60 | -0.50 | MWD Run 3       |
| 91  | 8608.00  | 3.57  | 297.48 | 8589.66  | -254.94 | 251.13   | -327.99 | 95.00  | 0.73  | 140.00 | 413.08  | 307.44 | -0.73 | MWD Run 3       |
| 92  | 8701.00  | 3.84  | 289.46 | 8682.46  | -257.38 | 253.50   | -333.49 | 93.00  | 0.63  | 138.20 | 418.90  | 307.24 | 0.29  | MWD Run 3       |
| 93  | 8796.00  | 4.86  | 301.55 | 8777.19  | -260.62 | 256.66   | -339.92 | 95.00  | 1.44  | 140.00 | 425.94  | 307.06 | 1.07  | MWD Run 3       |
| 94  | 8891.00  | 4.61  | 302.88 | 8871.87  | -264.87 | 260.84   | -346.55 | 95.00  | 0.29  | 140.00 | 433.74  | 306.97 | -0.27 | MWD Run 3       |
| 95  | 8986.00  | 4.45  | 298.91 | 8966.57  | -268.80 | 264.69   | -352.98 | 95.00  | 0.37  | 141.80 | 441.20  | 306.87 | -0.16 | MWD Run 3       |
| 96  | 9082.00  | 3.90  | 300.62 | 9062.32  | -272.34 | 268.16   | -359.05 | 96.00  | 0.59  | 143.60 | 448.14  | 306.75 | -0.57 | MWD Run 3       |
| 97  | 9177.00  | 4.84  | 293.61 | 9157.04  | -275.67 | 271.41   | -365.51 | 95.00  | 1.14  | 0.00   | 455.26  | 306.60 | 0.99  | MWD Run 3       |
| 98  | 9272.00  | 4.10  | 295.32 | 9251.75  | -278.80 | 274.47   | -372.26 | 95.00  | 0.79  | 143.60 | 462.50  | 306.40 | -0.78 | MWD Run 3       |
| 99  | 9366.00  | 3.58  | 288.33 | 9345.54  | -281.23 | 276.83   | -378.08 | 94.00  | 0.75  | 143.60 | 468.59  | 306.21 | -0.56 | MWD Run 3       |
| 100 | 9462.00  | 4.51  | 283.59 | 9441.30  | -283.14 | 278.66   | -384.59 | 96.00  | 1.03  | 140.00 | 474.93  | 305.93 | 0.97  | MWD Run 3       |
| 101 | 9557.00  | 4.26  | 286.25 | 9536.02  | -285.08 | 280.52   | -391.60 | 95.00  | 0.34  | 143.60 | 481.71  | 305.62 | -0.26 | MWD Run 3       |
| 102 | 9653.00  | 4.29  | 269.16 | 9631.76  | -286.11 | 281.47   | -398.61 | 96.00  | 1.32  | 143.60 | 487.97  | 305.23 | 0.03  | MWD Run 3       |
| 103 | 9748.00  | 4.62  | 254.68 | 9726.47  | -285.13 | 280.40   | -405.85 | 95.00  | 1.23  | 145.40 | 493.30  | 304.64 | 0.35  | MWD Run 3       |
| 104 | 9844.00  | 5.19  | 237.14 | 9822.13  | -281.84 | 277.03   | -413.23 | 96.00  | 1.66  | 147.20 | 497.49  | 303.84 | 0.60  | MWD Run 3       |
| 105 | 9938.00  | 5.34  | 213.88 | 9915.74  | -275.97 | 271.09   | -419.24 | 94.00  | 2.26  | 140.00 | 499.25  | 302.89 | 0.16  | MWD Run 3       |
| 106 | 10033.00 | 5.70  | 194.81 | 10010.31 | -267.79 | 262.86   | -422.90 | 95.00  | 1.96  | 143.60 | 497.94  | 301.86 | 0.38  | MWD Run 3       |
| 107 | 10121.00 | 7.68  | 180.08 | 10097.71 | -257.69 | 252.75   | -424.03 | 88.00  | 2.96  | 131.00 | 493.64  | 300.80 | 2.25  | MWD Run 4       |
| 108 | 10216.00 | 14.22 | 190.11 | 10190.94 | -239.86 | 234.89   | -426.09 | 95.00  | 7.15  | 132.80 | 486.55  | 298.87 | 6.89  | MWD Run 4       |
| 109 | 10309.00 | 21.05 | 196.02 | 10279.52 | -212.60 | 207.55   | -432.71 | 93.00  | 7.58  | 131.00 | 479.92  | 295.63 | 7.34  | MWD Run 4       |
| 110 | 10403.00 | 28.66 | 198.67 | 10364.75 | -175.10 | 169.92   | -444.61 | 94.00  | 8.18  | 131.00 | 475.97  | 290.92 | 8.09  | MWD Run 4       |
| 111 | 10499.00 | 37.66 | 191.62 | 10445.07 | -124.60 | 119.25   | -457.91 | 96.00  | 10.19 | 129.20 | 473.19  | 284.60 | 9.38  | MWD Run 5       |
| 112 | 10616.00 | 50.18 | 188.24 | 10529.18 | -44.96  | 39.44    | -471.61 | 117.00 | 10.88 | 132.80 | 473.26  | 274.78 | 10.70 | MWD Run 6       |
| 113 | 10708.00 | 60.61 | 186.00 | 10581.36 | 29.97   | -35.60   | -480.89 | 92.00  | 11.50 | 132.80 | 482.21  | 265.77 | 11.33 | MWD Run 7       |
| 114 | 10813.00 | 70.32 | 179.93 | 10624.95 | 125.13  | -130.82  | -485.62 | 105.00 | 10.64 | 138.20 | 502.94  | 254.92 | 9.25  | MWD Run 7       |
| 115 | 10896.00 | 69.66 | 179.50 | 10653.35 | 203.12  | -208.81  | -485.23 | 83.00  | 0.93  | 140.00 | 528.26  | 246.72 | -0.79 | MWD Run 7       |
| 116 | 10991.00 | 68.70 | 179.45 | 10687.11 | 291.92  | -297.60  | -484.42 | 95.00  | 1.01  | 141.80 | 568.54  | 238.44 | -1.01 | MWD Run 7       |
| 117 | 11013.00 | 68.70 | 178.80 | 10695.10 | 312.41  | -318.10  | -484.11 | 22.00  | 2.75  | 141.80 | 579.27  | 236.69 | 0.03  | MWD Run 7       |
| 118 | 11087.00 | 73.49 | 175.47 | 10719.08 | 382.34  | -387.99  | -480.59 | 74.00  | 7.74  | 143.60 | 617.66  | 231.09 | 6.46  | MWD Run 7       |
| 119 | 11182.00 | 78.84 | 175.49 | 10741.78 | 474.34  | -479.91  | -473.33 | 95.00  | 5.64  | 143.60 | 674.06  | 224.60 | 5.64  | MWD Run 7       |
| 120 | 11278.00 | 85.80 | 174.87 | 10754.60 | 569.17  | -574.65  | -465.34 | 96.00  | 7.28  | 145.40 | 739.43  | 219.00 | 7.25  | MWD Run 7       |
| 121 | 11373.00 | 87.88 | 174.92 | 10759.83 | 663.74  | -669.13  | -456.90 | 95.00  | 2.19  | 147.20 | 810.24  | 214.33 | 2.19  | MWD Run 7       |
| 122 | 11467.00 | 87.18 | 174.77 | 10763.88 | 757.36  | -762.66  | -448.46 | 94.00  | 0.76  | 149.00 | 884.74  | 210.46 | -0.74 | MWD Run 7       |
| 123 | 11563.00 | 86.87 | 174.47 | 10768.86 | 852.91  | -858.11  | -439.47 | 96.00  | 0.45  | 150.80 | 964.10  | 207.12 | -0.32 | MWD Run 7       |
| 124 | 11659.00 | 86.48 | 174.07 | 10774.43 | 948.38  | -953.47  | -429.91 | 96.00  | 0.58  | 154.40 | 1045.91 | 204.27 | -0.41 | MWD Run 7       |
| 125 | 11753.00 | 86.34 | 176.61 | 10780.32 | 1041.96 | -1046.97 | -422.28 | 94.00  | 2.70  | 152.60 | 1128.92 | 201.97 | -0.15 | MWD Run 7       |
| 126 | 11849.00 | 86.06 | 176.34 | 10786.69 | 1137.63 | -1142.57 | -416.39 | 96.00  | 0.41  | 152.60 | 1216.08 | 200.02 | -0.29 | MWD Run 7       |
| 127 | 11911.00 | 85.47 | 174.16 | 10791.27 | 1199.30 | -1204.19 | -411.27 | 62.00  | 3.62  | 147.20 | 1272.48 | 198.86 | -0.95 | MWD Run 9 ST01  |
| 128 | 11942.00 | 86.17 | 173.35 | 10793.53 | 1230.07 | -1234.92 | -407.90 | 31.00  | 3.47  | 147.20 | 1300.54 | 198.28 | 2.27  | MWD Run 9 ST01  |
| 129 | 12038.00 | 88.84 | 173.39 | 10797.71 | 1325.45 | -1330.18 | -396.83 | 96.00  | 2.78  | 143.60 | 1388.11 | 196.61 | 2.78  | MWD Run 9 ST01  |
| 130 | 12132.00 | 92.09 | 173.60 | 10796.95 | 1418.95 | -1423.56 | -386.19 | 94.00  | 3.47  | 147.20 | 1475.01 | 195.18 | 3.46  | MWD Run 9 ST01  |
| 131 | 12227.00 | 91.58 | 174.17 | 10793.90 | 1513.47 | -1517.97 | -376.07 | 95.00  | 0.80  | 140.00 | 1563.86 | 193.91 | -0.53 | MWD Run 10 ST01 |
| 132 | 12322.00 | 91.78 | 174.18 | 10791.11 | 1608.04 | -1612.44 | -366.42 | 95.00  | 0.21  | 147.20 | 1653.55 | 192.80 | 0.21  | MWD Run 10 ST01 |
| 133 | 12416.00 | 89.93 | 174.82 | 10789.71 | 1701.69 | -1705.99 | -357.42 | 94.00  | 2.09  | 150.80 | 1743.03 | 191.83 | -1.97 | MWD Run 10 ST01 |
| 134 | 12511.00 | 90.49 | 176.76 | 10789.36 | 1796.51 | -1800.73 | -350.45 | 95.00  | 2.12  | 150.80 | 1834.51 | 191.01 | 0.59  | MWD Run 10 ST01 |
| 135 | 12606.00 | 89.57 | 178.80 | 10789.31 | 1891.47 | -1895.65 | -346.76 | 95.00  | 2.36  | 152.60 | 1927.10 | 190.37 | -0.97 | MWD Run 10 ST01 |
| 136 | 12699.00 | 88.19 | 179.79 | 10791.13 | 1984.44 | -1988.62 | -345.62 | 93.00  | 1.82  | 154.40 | 2018.43 | 189.86 | -1.48 | MWD Run 10 ST01 |
| 137 | 12795.00 | 87.71 | 180.05 | 10794.56 | 2080.38 | -2084.56 | -345.48 | 96.00  | 0.57  | 158.00 | 2112.99 | 189    |       |                 |

|     |          |       |        |          |         |          |         |       |      |        |         |        |       |                 |
|-----|----------|-------|--------|----------|---------|----------|---------|-------|------|--------|---------|--------|-------|-----------------|
| 142 | 13271.00 | 88.50 | 179.08 | 10813.40 | 2555.96 | -2560.15 | -343.74 | 95.00 | 0.24 | 159.80 | 2583.12 | 187.65 | 0.17  | MWD Run 10 ST01 |
| 143 | 13367.00 | 88.87 | 178.95 | 10815.61 | 2651.93 | -2656.11 | -342.09 | 96.00 | 0.41 | 161.60 | 2678.05 | 187.34 | 0.38  | MWD Run 10 ST01 |
| 144 | 13463.00 | 89.42 | 179.04 | 10817.04 | 2747.92 | -2752.08 | -340.41 | 96.00 | 0.59 | 163.40 | 2773.06 | 187.05 | 0.58  | MWD Run 10 ST01 |
| 145 | 13559.00 | 88.78 | 180.21 | 10818.55 | 2843.90 | -2848.07 | -339.78 | 96.00 | 1.39 | 165.20 | 2868.26 | 186.80 | -0.67 | MWD Run 10 ST01 |
| 146 | 13653.00 | 88.39 | 179.51 | 10820.87 | 2937.87 | -2942.04 | -339.55 | 94.00 | 0.85 | 167.00 | 2961.57 | 186.58 | -0.42 | MWD Run 10 ST01 |
| 147 | 13749.00 | 89.00 | 179.60 | 10823.05 | 3033.84 | -3038.01 | -338.81 | 96.00 | 0.65 | 167.00 | 3056.84 | 186.36 | 0.64  | MWD Run 10 ST01 |
| 148 | 13845.00 | 86.67 | 179.05 | 10826.67 | 3129.77 | -3133.93 | -337.67 | 96.00 | 2.49 | 170.60 | 3152.07 | 186.15 | -2.43 | MWD Run 10 ST01 |
| 149 | 13941.00 | 87.27 | 179.12 | 10831.75 | 3225.63 | -3229.78 | -336.14 | 96.00 | 0.62 | 170.60 | 3247.23 | 185.94 | 0.62  | MWD Run 10 ST01 |
| 150 | 14037.00 | 87.10 | 178.92 | 10836.46 | 3321.51 | -3325.65 | -334.50 | 96.00 | 0.27 | 170.60 | 3342.43 | 185.74 | -0.18 | MWD Run 10 ST01 |
| 151 | 14132.00 | 87.91 | 180.22 | 10840.60 | 3416.42 | -3420.56 | -333.78 | 95.00 | 1.61 | 172.40 | 3436.80 | 185.57 | 0.86  | MWD Run 10 ST01 |
| 152 | 14227.00 | 87.77 | 179.89 | 10844.17 | 3511.34 | -3515.49 | -333.87 | 95.00 | 0.38 | 174.20 | 3531.31 | 185.43 | -0.15 | MWD Run 10 ST01 |
| 153 | 14322.00 | 87.24 | 179.45 | 10848.31 | 3606.25 | -3610.40 | -333.31 | 95.00 | 0.73 | 174.20 | 3625.75 | 185.27 | -0.56 | MWD Run 10 ST01 |
| 154 | 14418.00 | 87.74 | 179.12 | 10852.51 | 3702.16 | -3706.30 | -332.11 | 96.00 | 0.63 | 174.20 | 3721.15 | 185.12 | 0.53  | MWD Run 10 ST01 |
| 155 | 14513.00 | 87.63 | 179.07 | 10856.34 | 3797.08 | -3801.21 | -330.62 | 95.00 | 0.13 | 174.20 | 3815.56 | 184.97 | -0.12 | MWD Run 10 ST01 |
| 156 | 14609.00 | 87.46 | 178.62 | 10860.45 | 3892.99 | -3897.10 | -328.69 | 96.00 | 0.50 | 174.20 | 3910.94 | 184.82 | -0.18 | MWD Run 10 ST01 |
| 157 | 14704.00 | 88.22 | 180.10 | 10864.03 | 3987.92 | -3992.02 | -327.63 | 95.00 | 1.75 | 170.60 | 4005.45 | 184.69 | 0.80  | MWD Run 10 ST01 |
| 158 | 14800.00 | 89.29 | 180.06 | 10866.11 | 4083.89 | -4088.00 | -327.77 | 96.00 | 1.11 | 170.60 | 4101.12 | 184.58 | 1.11  | MWD Run 10 ST01 |
| 159 | 14896.00 | 90.80 | 179.70 | 10866.04 | 4179.88 | -4184.00 | -327.57 | 96.00 | 1.62 | 172.40 | 4196.80 | 184.48 | 1.58  | MWD Run 10 ST01 |
| 160 | 14992.00 | 90.85 | 179.86 | 10864.66 | 4275.87 | -4279.99 | -327.20 | 96.00 | 0.18 | 174.20 | 4292.47 | 184.37 | 0.06  | MWD Run 10 ST01 |
| 161 | 15087.00 | 91.56 | 179.90 | 10862.66 | 4370.84 | -4374.96 | -327.00 | 95.00 | 0.74 | 172.40 | 4387.17 | 184.27 | 0.74  | MWD Run 10 ST01 |
| 162 | 15182.00 | 90.01 | 179.30 | 10861.36 | 4465.83 | -4469.95 | -326.33 | 95.00 | 1.74 | 176.00 | 4481.84 | 184.18 | -1.62 | MWD Run 10 ST01 |
| 163 | 15275.00 | 89.59 | 181.28 | 10861.68 | 4558.81 | -4562.94 | -326.80 | 93.00 | 2.17 | 174.20 | 4574.63 | 184.10 | -0.45 | MWD Run 10 ST01 |
| 164 | 15367.00 | 88.75 | 181.38 | 10863.01 | 4650.74 | -4654.91 | -328.93 | 92.00 | 0.92 | 174.20 | 4666.51 | 184.04 | -0.91 | MWD Run 10 ST01 |
| 165 | 15461.00 | 88.84 | 181.12 | 10864.98 | 4744.67 | -4748.86 | -330.98 | 94.00 | 0.29 | 174.20 | 4760.38 | 183.99 | 0.09  | MWD Run 10 ST01 |
| 166 | 15557.00 | 88.64 | 180.86 | 10867.10 | 4840.61 | -4844.83 | -332.64 | 96.00 | 0.33 | 176.00 | 4856.23 | 183.93 | -0.21 | MWD Run 10 ST01 |
| 167 | 15652.00 | 88.59 | 180.56 | 10869.40 | 4935.55 | -4939.79 | -333.82 | 95.00 | 0.33 | 177.80 | 4951.06 | 183.87 | -0.06 | MWD Run 10 ST01 |
| 168 | 15746.00 | 87.94 | 180.55 | 10872.25 | 5029.48 | -5033.74 | -334.73 | 94.00 | 0.69 | 179.60 | 5044.86 | 183.80 | -0.69 | MWD Run 10 ST01 |
| 169 | 15842.00 | 89.65 | 179.95 | 10874.27 | 5125.45 | -5129.72 | -335.15 | 96.00 | 1.89 | 176.00 | 5140.65 | 183.74 | 1.78  | MWD Run 10 ST01 |
| 170 | 15938.00 | 89.23 | 179.56 | 10875.21 | 5221.44 | -5225.71 | -334.74 | 96.00 | 0.60 | 177.80 | 5236.42 | 183.67 | -0.44 | MWD Run 10 ST01 |
| 171 | 16033.00 | 88.58 | 179.28 | 10877.02 | 5316.42 | -5320.69 | -333.78 | 95.00 | 0.74 | 179.60 | 5331.15 | 183.59 | -0.68 | MWD Run 10 ST01 |
| 172 | 16129.00 | 88.39 | 179.35 | 10879.55 | 5412.39 | -5416.65 | -332.63 | 96.00 | 0.22 | 181.40 | 5426.85 | 183.51 | -0.20 | MWD Run 10 ST01 |
| 173 | 16224.00 | 88.08 | 178.51 | 10882.48 | 5507.34 | -5511.58 | -330.85 | 95.00 | 0.94 | 181.40 | 5521.51 | 183.44 | -0.32 | MWD Run 10 ST01 |
| 174 | 16319.00 | 87.69 | 176.74 | 10885.99 | 5602.23 | -5606.43 | -326.92 | 95.00 | 1.91 | 181.40 | 5615.96 | 183.34 | -0.41 | MWD Run 10 ST01 |
| 175 | 16415.00 | 89.20 | 178.26 | 10888.59 | 5698.14 | -5702.30 | -322.73 | 96.00 | 2.23 | 177.80 | 5711.43 | 183.24 | 1.58  | MWD Run 10 ST01 |
| 176 | 16510.00 | 89.03 | 179.15 | 10890.06 | 5793.12 | -5797.27 | -320.58 | 95.00 | 0.95 | 179.60 | 5806.12 | 183.17 | -0.18 | MWD Run 10 ST01 |
| 177 | 16606.00 | 90.04 | 179.27 | 10890.83 | 5889.12 | -5893.25 | -319.25 | 96.00 | 1.06 | 179.60 | 5901.89 | 183.10 | 1.05  | MWD Run 10 ST01 |
| 178 | 16702.00 | 90.41 | 179.91 | 10890.45 | 5985.11 | -5989.25 | -318.55 | 96.00 | 0.77 | 181.40 | 5997.71 | 183.04 | 0.38  | MWD Run 10 ST01 |
| 179 | 16797.00 | 90.32 | 181.76 | 10889.85 | 6080.07 | -6084.23 | -319.93 | 95.00 | 1.95 | 179.60 | 6092.64 | 183.01 | -0.09 | MWD Run 10 ST01 |
| 180 | 16893.00 | 88.14 | 182.52 | 10891.14 | 6175.94 | -6180.15 | -323.52 | 96.00 | 2.41 | 181.40 | 6188.61 | 183.00 | -2.28 | MWD Run 10 ST01 |
| 181 | 16988.00 | 88.42 | 182.28 | 10894.00 | 6270.77 | -6275.02 | -327.49 | 95.00 | 0.39 | 181.40 | 6283.56 | 182.99 | 0.29  | MWD Run 10 ST01 |
| 182 | 17082.00 | 87.13 | 182.58 | 10897.66 | 6364.55 | -6368.87 | -331.47 | 94.00 | 1.41 | 183.20 | 6377.49 | 182.98 | -1.37 | MWD Run 10 ST01 |
| 183 | 17178.00 | 87.32 | 182.85 | 10902.31 | 6460.27 | -6464.65 | -336.01 | 96.00 | 0.34 | 183.20 | 6473.37 | 182.98 | 0.20  | MWD Run 10 ST01 |
| 184 | 17274.00 | 87.66 | 181.13 | 10906.51 | 6556.08 | -6560.49 | -339.33 | 96.00 | 1.83 | 181.40 | 6569.26 | 182.96 | 0.35  | MWD Run 10 ST01 |
| 185 | 17368.00 | 88.30 | 181.15 | 10909.82 | 6649.97 | -6654.42 | -341.19 | 94.00 | 0.69 | 183.20 | 6663.16 | 182.94 | 0.69  | MWD Run 10 ST01 |
| 186 | 17462.00 | 88.56 | 181.42 | 10912.39 | 6743.88 | -6748.36 | -343.30 | 94.00 | 0.40 | 181.40 | 6757.08 | 182.91 | 0.27  | MWD Run 10 ST01 |
| 187 | 17558.00 | 88.02 | 179.11 | 10915.26 | 6839.82 | -6844.31 | -343.74 | 96.00 | 2.47 | 170.60 | 6852.93 | 182.88 | -0.56 | MWD Run 11 ST01 |
| 188 | 17653.00 | 88.61 | 179.09 | 10918.04 | 6934.78 | -6939.25 | -342.25 | 95.00 | 0.62 | 170.60 | 6947.69 | 182.82 | 0.62  | MWD Run 11 ST01 |
| 189 | 17749.00 | 87.88 | 179.12 | 10920.98 | 7030.73 | -7035.20 | -340.74 | 96.00 | 0.76 | 172.40 | 7043.44 | 182.77 | -0.76 | MWD Run 11 ST01 |
| 190 | 17845.00 | 87.60 | 179.19 | 10924.75 | 7126.65 | -7131.11 | -339.33 | 96.00 | 0.30 | 176.00 | 7139.18 | 182.72 | -0.29 | MWD Run 11 ST01 |
| 191 | 17941.00 | 88.02 | 179.50 | 10928.42 | 7222.58 | -7227.03 | -338.23 | 96.00 | 0.54 | 177.80 | 7234.94 | 182.68 | 0.44  | MWD Run 11 ST01 |
| 192 | 18037.00 | 88.72 | 180.14 | 10931.14 | 7318.54 | -7322.99 | -337.92 | 96.00 | 0.99 | 177.80 | 7330.79 | 182.64 | 0.73  | MWD Run 11 ST01 |
| 193 | 18132.00 | 88.22 | 180.67 | 10933.67 | 7413.49 | -7417.96 | -338.60 | 95.00 | 0.77 | 177.80 | 7425.68 | 182.61 | -0.53 | MWD Run 11 ST01 |
| 194 | 18227.00 | 88.02 | 181.05 | 10936.78 | 7508.41 | -7512.89 | -340.02 | 95.00 | 0.45 | 179.60 | 7520.59 | 182.59 | -0.21 | MWD Run 11 ST01 |
| 195 | 18323.00 | 89.54 | 181.60 | 10938.83 | 7604.32 | -7608.84 | -342.24 | 96.00 | 1.68 | 177.80 | 7616.54 | 182.58 | 1.58  | MWD Run 11 ST01 |
| 196 | 18418.00 | 88.22 | 179.37 | 10940.68 | 7699.28 | -7703.81 | -343.04 | 95.00 | 2.72 | 179.60 | 7711.45 | 182.55 | -1.39 | MWD Run 11 ST01 |
| 197 | 18514.00 | 88.75 | 179.26 | 10943.22 | 7795.24 | -7799.77 | -341.89 | 96.00 | 0.57 | 181.40 | 7807.26 | 182.51 | 0.55  | MWD Run 11 ST01 |
| 198 | 18609.00 | 87.44 | 178.51 | 10946.38 | 7890.18 | -7894.70 | -340.05 | 95.00 | 1.59 | 183.20 | 7902.02 | 182.47 | -1.39 | MWD Run 11 ST01 |
| 199 | 18704.00 | 87.58 | 178.39 | 10950.51 | 7985.08 | -7989.58 | -337.48 | 95.00 | 0.19 | 183.20 | 7996.70 | 182.42 | 0.15  | MWD Run 11 ST01 |
| 200 | 18799.00 | 87.91 | 178.24 | 10954.25 | 8079.99 | -8084.46 | -334.69 | 95.00 | 0.39 | 185.00 | 8091.39 | 182.37 | 0.35  | MWD Run 11 ST01 |
| 201 | 18895.00 | 88.53 | 178.12 | 10957.23 | 8175.93 | -8180.37 | -331.64 | 96.00 | 0.65 | 186.80 | 8187.09 | 182.32 | 0.64  | MWD Run 11 ST01 |
| 202 | 18989.00 | 87.55 | 179.34 | 10960.45 | 8269.87 | -8274.29 | -329.57 | 94.00 | 1.67 | 185.00 | 8280.85 | 182.28 | -1.05 | MWD Run 11 ST01 |
| 203 | 19085.00 | 88.17 | 179.38 | 10964.04 | 8365.80 | -8370.21 | -328.50 | 96.00 | 0.65 | 186.80 | 8376.66 | 182.25 | 0.65  | MWD Run 11 ST01 |
| 204 | 19180.00 | 89.17 | 179.47 | 10966.24 | 8460.77 | -8465.18 | -327.55 | 95.00 | 1.07 | 186.80 | 8471.51 | 182.22 | 1.06  | MWD Run 11 ST01 |
| 205 | 19276.00 | 87.66 | 178.32 | 10968.90 | 8556.73 | -8561.12 | -325.70 | 96.00 | 1.98 | 186.80 | 8567.31 | 182.18 | -1.58 | MWD Run 11 ST01 |
| 206 | 19372.00 | 87.69 | 178.14 | 10972.79 | 8652.63 | -8657.00 | -322.74 | 96.00 | 0.18 | 185.00 | 8663.01 | 182.14 | 0.03  | MWD Run 11 ST01 |
| 207 | 19467.00 | 87.66 | 177.54 | 10976.65 | 8747.52 | -8751.85 | -319.17 | 95.00 | 0.64 | 186.80 | 8757.67 | 182.09 | -0.03 | MWD Run 11 ST01 |
| 208 | 19562.00 | 86.77 | 178.56 | 10981.27 | 8842.38 | -8846.68 | -315.94 | 95.00 | 1.43 | 188.60 | 8852.32 | 182.05 | -0.94 | MWD Run 11 ST01 |
| 209 | 19658.00 | 87.35 | 178.73 | 10986.19 | 8938.25 | -8942.53 | -313.67 | 96.00 | 0.64 | 190.40 | 8948.03 | 182.01 | 0.61  | MWD Run 11 ST01 |
| 210 | 19752.00 | 88.28 | 178.90 | 10989.78 | 9032.17 | -9036.44 | -311.72 | 94.00 | 1.00 | 192.20 | 9041.81 | 181.98 | 0.98  | MWD Run 11 ST01 |
| 211 | 19846.00 | 88.72 | 178.85 | 10992.24 | 9126.14 | -9130.39 | -309.87 | 94.00 | 0.48 | 194.00 | 9135.64 | 181.94 | 0.48  | MWD Run 11 ST01 |
| 212 | 19942.00 | 88.22 | 179.45 | 10994.80 | 9222.10 | -9226.34 | -308.45 | 96.00 | 0.82 | 194.00 | 9231.50 | 181.91 | -0.52 | MWD Run 11 ST01 |
| 213 | 20038.00 | 88.81 | 179.57 | 10997.28 | 9318.07 | -9322.31 | -307.64 | 96.00 | 0.63 | 195.80 | 9327.38 | 181.89 | 0.61  | MWD Run 11 ST01 |
| 214 | 20133.00 | 8     |        |          |         |          |         |       |      |        |         |        |       |                 |

|     |          |       |        |          |          |           |         |       |      |        |          |        |       |                 |
|-----|----------|-------|--------|----------|----------|-----------|---------|-------|------|--------|----------|--------|-------|-----------------|
| 222 | 20893.00 | 87.52 | 179.73 | 11025.04 | 10172.49 | -10176.76 | -305.82 | 95.00 | 0.79 | 186.80 | 10181.35 | 181.72 | 0.15  | MWD Run 11 ST01 |
| 223 | 20988.00 | 88.42 | 179.83 | 11028.41 | 10267.42 | -10271.70 | -305.46 | 95.00 | 0.95 | 194.00 | 10276.24 | 181.70 | 0.94  | MWD Run 11 ST01 |
| 224 | 21084.00 | 88.45 | 180.27 | 11031.04 | 10363.38 | -10367.66 | -305.53 | 96.00 | 0.46 | 194.00 | 10372.16 | 181.69 | 0.03  | MWD Run 11 ST01 |
| 225 | 21179.00 | 86.59 | 181.53 | 11035.15 | 10458.25 | -10462.55 | -307.02 | 95.00 | 2.36 | 195.80 | 10467.06 | 181.68 | -1.95 | MWD Run 11 ST01 |
| 226 | 21274.00 | 87.21 | 181.68 | 11040.28 | 10553.03 | -10557.38 | -309.68 | 95.00 | 0.67 | 195.80 | 10561.92 | 181.68 | 0.65  | MWD Run 11 ST01 |
| 227 | 21369.00 | 88.05 | 181.81 | 11044.21 | 10647.87 | -10652.25 | -312.56 | 95.00 | 0.89 | 197.60 | 10656.84 | 181.68 | 0.88  | MWD Run 11 ST01 |
| 228 | 21463.00 | 89.17 | 182.29 | 11046.48 | 10741.73 | -10746.16 | -315.92 | 94.00 | 1.30 | 197.60 | 10750.80 | 181.68 | 1.19  | MWD Run 11 ST01 |
| 229 | 21480.00 | 89.34 | 182.16 | 11046.70 | 10758.71 | -10763.15 | -316.58 | 17.00 | 1.25 | 195.80 | 10767.80 | 181.68 | 0.98  | MWD Run 11 ST01 |
| 230 | 21571.00 | 89.34 | 182.16 | 11047.75 | 10849.59 | -10854.08 | -320.01 | 91.00 | 0.00 | 195.80 | 10858.79 | 181.69 | 0.00  | PTB             |

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District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                                                                                                                |
|----------------------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-025-49535                                                                                   |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                                   |
| 7. Lease Name or Unit Agreement Name<br>RAMBO E2 08 17 STATE COM                                               |
| 8. Well Number<br>001H                                                                                         |
| 9. OGRID Number<br>328449                                                                                      |
| 10. Pool name or Wildcat<br>SCHARB;WOLFCAMP : 55640                                                            |

|                                                                                                                                                                                                                                                                                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)<br>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> |  |
| 2. Name of Operator<br>Catena Resources Operating, LLC                                                                                                                                                                                                                                                                                          |  |
| 3. Address of Operator<br>1001 Fannin Street, 22 <sup>nd</sup> Floor, Houston, TX 77002                                                                                                                                                                                                                                                         |  |
| 4. Well Location<br>Unit Letter <u>P</u> : <u>319</u> feet from the <u>South</u> line and <u>1233</u> feet from the <u>East</u> line<br>Section <u>5</u> Township <u>19S</u> Range <u>35E</u> NMPM County <u>Lea</u>                                                                                                                            |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3854 GR                                                                                                                                                                                                                                                                                   |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        |                                           | SUBSEQUENT REPORT OF:                                         |                                          |
|------------------------------------------------|-------------------------------------------|---------------------------------------------------------------|------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                        | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>              | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>                    |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |                                           |                                                               |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |                                           |                                                               |                                          |
| OTHER: <input type="checkbox"/>                |                                           | OTHER: Perforation/Tubing <input checked="" type="checkbox"/> |                                          |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**Perforations**

| Well     | Top Shot Depth | Bottom Shot Depth | Open Hole | Shots per Foot | Shot Size | Material   | Stimulation | Total Sand (LBS) | Total Water (BBLS) | Total Gallons of Acid |
|----------|----------------|-------------------|-----------|----------------|-----------|------------|-------------|------------------|--------------------|-----------------------|
| Rambo 1H | 11405          | 21486             | No        | 3              | 0.36      | Sand/Water | Frac        | 24092450         | 584488             | 3002                  |

Spud Date: 11/17/2021 22:00

Rig Release Date: 12/27/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Vice President Land DATE 6-14-22

Type or print name Cato Clark E-mail address: Clark@catenares.com PHONE: 346-200-7894

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1 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 and Natural Resources  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised April 3, 2017

1. WELL API NO.  
30-025-49535

2. Type of Lease  
☒ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:  
☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
  
☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name  
RAMBO E2 08 17 STATE COM

6. Well Number: 001H

7. Type of Completion:  
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator  
Catena Resources Operating, LLC

9. OGRID  
328449

10. Address of Operator  
1001 Fannin Street, 22<sup>nd</sup> Floor, Houston, TX 77002

11. Pool name or Wildcat  
SCHARB;WOLFCAMP : 55640

|              |          |         |          |       |     |               |          |               |          |        |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
| Surface:     | P        | 5       | 19S      | 35E   |     | 319           | S        | 1233          | E        | Lea    |
| BH:          | O        | 17      | 19S      | 35E   |     | 100           | S        | 1675          | E        | Lea    |

13. Date Spudded  
11/17/2021

14. Date T.D. Reached  
12/24/2021

15. Date Rig Released  
12/27/2021

16. Date Completed (Ready to Produce)  
6/16/2022

17. Elevations (DF and RKB, RT, GR, etc.) 3854 GR

18. Total Measured Depth of Well  
21,528'

19. Plug Back Measured Depth  
21,524'

20. Was Directional Survey Made?  
Yes

21. Type Electric and Other Logs Run  
MWD, CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name  
11,405' – 21,486' Wolfcamp

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 20"         |                | 105'      |           |                  |               |
| 13.375"     | 54.5           | 2017'     | 17.5"     | 1570             |               |
| 9.625"      | 40             | 4019'     | 12.25"    | 855              |               |
| 5.5"        | 20             | 21528'    | 8.75"     | 3000             |               |

24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |
|      |     |        |              |        |

25. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|------|-----------|------------|
|      |           |            |
|      |           |            |

26. Perforation record (interval, size, and number)  
  
11405' – 21,486', 3 SPF, 0.36" shot size, 1416 shots (59 stages, 3x8 clusters)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED  
11405' – 21,486'      584,488 bbl fluid, 72 bbl 15% HCL  
24,092,450 lbs # 100 Mesh

28. PRODUCTION

Date First Production  
6/16/2022

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Flowing

Well Status (Prod. or Shut-in)  
Producing

|                          |                          |                     |                           |                  |                  |                      |                        |
|--------------------------|--------------------------|---------------------|---------------------------|------------------|------------------|----------------------|------------------------|
| Date of Test<br>7/7/2022 | Hours Tested<br>24 hours | Choke Size<br>38/64 | Prod'n For<br>Test Period | Oil - Bbl<br>613 | Gas - MCF<br>333 | Water - Bbl.<br>1453 | Gas - Oil Ratio<br>543 |
|--------------------------|--------------------------|---------------------|---------------------------|------------------|------------------|----------------------|------------------------|

|                         |                            |                             |                   |                  |                      |                                   |
|-------------------------|----------------------------|-----------------------------|-------------------|------------------|----------------------|-----------------------------------|
| Flow Tubing<br>ess. N/A | Casing Pressure<br>312 psi | Calculated 24-<br>Hour Rate | Oil - Bbl.<br>613 | Gas - MCF<br>333 | Water - Bbl.<br>1453 | Oil Gravity - API - (Corr.)<br>42 |
|-------------------------|----------------------------|-----------------------------|-------------------|------------------|----------------------|-----------------------------------|

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
and

30. Test Witnessed By  
Manuel Corral

List Attachments  
02 As-Drilled, Directional Survey As-Drilled, MWD Log, CBL

If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude      Longitude      NAD83

hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed  
Name      Cato L Clark      Title      Vice President Land

Signature  
Date      7-21-22

mail Address Clark@catenares.com

Page 1 of 3  
Received By QCD: 7/22/2022 1:28:53 PM  
Released to Imaging: 9/26/2025 2:35:17 PM

Released to Imaging: 9/26/2025 2:35:17 PM

Received by OCD: 7/22/2022 1:28:53 PM

## Page 14 of 17

## OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 2, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

|  |  |
|--|--|
|  |  |
|--|--|

| CASING   |           |         |              |              |              |        |
|----------|-----------|---------|--------------|--------------|--------------|--------|
|          | CONDUCTOR | SURFACE | INTERMEDIATE | PRODUCTION 1 | PRODUCTION 2 | TUBING |
| HOLE     |           |         |              |              |              |        |
| CASING   |           | 13 3/8  | 9-5/8"       | 7"           | 5.5"         |        |
| WEIGHT   |           | 54.5#   | 40#          | 32#          | 20#          |        |
| GRADE    |           | J55     | J55          | HP110        | HP110        |        |
| TOP      |           | 0       | 0            | 0            | 11,021       |        |
| BOTTOM   |           | 2,017   | 4,019        | 11,021       | 21,528       |        |
| ID       |           | 12.615  | 8.835        | 6.094        | 4.778        |        |
| DRIFT    |           | 12.459  | 8.679        | 6.0          | 4.653        |        |
| BURST    |           |         | 3,950        | 14,160       | 12,530       |        |
| COLLAPSE |           | 1,130   | 2,570        | 11,890       | 12,200       |        |
| 88L/FT   |           |         |              |              |              |        |

|         |     |
|---------|-----|
| 10,796' | TVD |
|---------|-----|

| WELL HEAD PROGRAM |                                       |
|-------------------|---------------------------------------|
| SECTION A         | 20" x 13-3/8" x 9-5/8" x 7" 5M MBU-3T |
| SECTION B         | 7-1/16" 15M CTH- DBLHPS Tubing Head   |
| SECTION C         |                                       |
| FRAC STACK        | 15M Monoline                          |

|          |         |
|----------|---------|
| TOP PERF | 11,405' |
|----------|---------|

|                          |
|--------------------------|
| COMPLETED LATERAL LENGTH |
| 10,081'                  |

|                    |         |
|--------------------|---------|
| <b>BOTTOM PERF</b> | 21,486' |
|--------------------|---------|

|      |         |
|------|---------|
| PBTD | 21,524' |
|------|---------|

|    |                     |
|----|---------------------|
| TD | 21,528 <sup>i</sup> |
|----|---------------------|

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

ACKNOWLEDGMENTS

Action 128130

**ACKNOWLEDGMENTS**

|                                                                                         |                                                    |
|-----------------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>Catena Resources Operating, LLC<br>1001 Fannin Street<br>Houston, TX 77002 | OGRID:<br>328449                                   |
|                                                                                         | Action Number:<br>128130                           |
|                                                                                         | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.     |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |

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

CONDITIONS

Action 128130

CONDITIONS

|                                                                                         |                                                    |
|-----------------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>Catena Resources Operating, LLC<br>1001 Fannin Street<br>Houston, TX 77002 | OGRID:<br>328449                                   |
|                                                                                         | Action Number:<br>128130                           |
|                                                                                         | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By     | Condition | Condition Date |
|----------------|-----------|----------------|
| crystal.walker | None      | 9/26/2025      |