

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

**HOBBS OCD**

Submit one copy to appropriate District Office

Oil Conservation Division  
1220 South St. Francis Dr. **MAR 01 2018**  
Santa Fe, NM 87505

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

|  |  |   |
|--|--|---|
| <sup>1</sup> Operator name and Address<br><b>LEGACY RESERVES OPERATING LP<br/>PO BOX 10848<br/>MIDLAND, TX 79702</b> |  | <sup>2</sup> OGRID Number<br><b>240974</b>                                  |
|  |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br><b>NW/11-23-2017</b> |
| <sup>4</sup> API Number<br><b>30 - 025-43249</b>   | <sup>5</sup> Pool Name<br><b>TEAS; BONE SPRING, EAST</b> | <sup>6</sup> Pool Code<br><b>96637</b>                                      |
| <sup>7</sup> Property Code<br><b>302795</b>  | <sup>8</sup> Property Name<br><b>HAMON A FEDERAL COM</b> | <sup>9</sup> Well Number<br><b>8H</b>                                       |

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

| Ul or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 6       | 20S      | 34E   |         | 524           | SOUTH            | 1872          | EAST           | LEA    |

**<sup>11</sup> Bottom Hole Location**

| Ul or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 7       | 20S      | 34E   |         | 343           | SOUTH            | 449           | EAST           | LEA    |

|                                    |   |                                   |                                   |                                    |                                     |
|------------------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| <sup>12</sup> Lse Code<br><b>F</b> | <sup>13</sup> Producing Method Code<br><b>F</b> | <sup>14</sup> Gas Connection Date | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |
|------------------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|

**III. Oil and Gas Transporters**

| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address                                   | <sup>20</sup> O/G/W |
|---------------------------------|--|---------------------|
| 34053                           | PLAINS MARKETING, L.P.<br>500 DALLAS, STE. 700, HOUSTON, TX                  | OIL                 |
| 24650                           | TARGA MIDSTREAM SERVICES LLC<br>1000 LOUISIANA, STE. 4700, HOUSTON, TX 77002 | GAS                 |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |

**IV. Well Completion Data**

|  |   |   |                                      |  |                       |
|--|---|---|--------------------------------------|--|-----------------------|
| <sup>21</sup> Spud Date<br><b>08/26/2017</b> | <sup>22</sup> Ready Date<br><b>11/23/17</b> | <sup>23</sup> TD<br><b>15,580' MD 10509</b> | <sup>24</sup> PBTB<br><b>15,530'</b> | <sup>25</sup> Perforations<br><b>11,579'-15,520'</b> | <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 1/2"                                      | 13 3/8"                                     | 1,610'                                      | 1400 sx                              |  |                       |
| 12 1/4"                                      | 9 5/8"                                      | 5,430'                                      | 1900 sx                              |  |                       |
| 8 3/4"                                       | 5 1/2"                                      | 15,580'                                     | 2500 sx                              |  |                       |
|  | 2-7/8"                                      | 10,185'                                     |                                      |  |                       |

**V. Well Test Data**

|   |  |   |  |   |   |
|---|--|---|--|---|---|
| <sup>31</sup> Date New Oil<br><b>11/26/2017</b> | <sup>32</sup> Gas Delivery Date<br><b>11/26/17</b> | <sup>33</sup> Test Date<br><b>2/17/2018</b> | <sup>34</sup> Test Length<br><b>24 HRS</b> | <sup>35</sup> Tbg. Pressure<br><b>800</b>   | <sup>36</sup> Csg. Pressure<br><b>0</b> |
| <sup>37</sup> Choke Size<br><b>18/64</b>        | <sup>38</sup> Oil<br><b>172</b>                    | <sup>39</sup> Water<br><b>1,748</b>         | <sup>40</sup> Gas<br><b>232</b>            | <sup>41</sup> Test Method<br><b>Flowing</b> |   |

<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: *Laura Pina*

Printed name: **LAURA PINA**

Title: **COMPLIANCE COORDINATOR**

E-mail Address: **lpina@legacylp.com**

Date: **02/26/2018** Phone: **432-689-5200**

|   |  |
|---|--|
| OIL CONSERVATION DIVISION                                       |  |
| Approved by: <i>Jaren Sharp</i>                                 |  |
| Title: <i>Staff Mgr</i>   |  |
| Approval Date: <i>3-5-18</i>                                    |  |
| Pending BLM approvals will subsequently be reviewed and scanned |  |

*gcp 3-1-18*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010



**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMMN40406

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator LEGACY RESERVES OPERATING LP-Mail: pdarden@legacylp.com Contact: D. PATRICK DARDEN, PE

3. Address 303 W WALL ST STE 1800 MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-689-5200 Ext: 5237

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface Sec 6 T20S R34E Mer SWSE 524FSL 1872FEL  
 At top prod interval reported below Sec 7 T20S R34E Mer  
 At total depth SESE 343FSL 449FEL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. HAMON A FEDERAL COM 8H  
 9. API Well No. 30-025-43249  
 10. Field and Pool, or Exploratory TEAS; BONE SPRING, EAST  
 11. Sec., T., R., M., or Block and Survey or Area Sec 6 T20S R34E Mer  
 12. County or Parish LEA 13. State NM  
 14. Date Spudded 08/26/2017 15. Date T.D. Reached 09/16/2017 16. Date Completed  D & A  Ready to Prod. 11/23/2017 17. Elevations (DF, KB, RT, GL)\* 3611 GL  
 18. Total Depth: MD 15580 TVD 10506 19. Plug Back T.D.: MD 15580 TVD 10506 20. Depth Bridge Plug Set: MD TVD  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade   | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|--------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 J-55  | 54.5        | 0        | 1610        |                      | 1400                         |                   | 0           |               |
| 12.250    | 9.625 J-55   | 40.0        | 0        | 5430        |                      | 1900                         |                   | 0           |               |
| 8.750     | 5.500 HCP110 | 20.0        | 0        | 15580       |                      | 2500                         |                   | 0           |               |

24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 10185          |                   |      |                |                   |      |                |                   |

25. Producing Intervals 26. Perforation Record

| Formation      | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status   |
|----------------|-------|--------|---------------------|------|-----------|----------------|
| A) BONE SPRING | 11579 | 15520  | 11579 TO 15520      |      | 600       | OPEN/PRODUCING |
| B)             |       |        |                     |      |           |                |
| C)             |       |        |                     |      |           |                |
| D)             |       |        |                     |      |           |                |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                                      |
|----------------|--|
| 11579 TO 15520 | TREAT WELL W/1,440 BBLs ACID, 6,054,454# SAND & 148,129 BBLs WTR |

28. Production - Interval A

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 11/26/2017          | 02/17/2018        | 24           | →               | 172.0   | 232.0   | 1748.0    | 41.0                  | 0.56        | FLOWS FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 18/64               | SI 800            | 0.0          | →               | 172     | 232     | 1748      | 1349                  | POW         |                   |

28a. Production - Interval B

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
|                     |                   |              | →               |         |         |           |                       |             |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |
|                     | SI                |              | →               |         |         |           |                       |             |

Pending BLM approvals will subsequently be reviewed and scanned

28b. Production - Interval C

|                     |                      |              |                 |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

28c. Production - Interval D

|                     |                      |              |                 |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation     | Top  | Bottom | Descriptions, Contents, etc. | Name          | Top         |
|---------------|------|--------|------------------------------|---------------|-------------|
|               |      |        |                              |               | Meas. Depth |
| RUSTLER       | 1700 | 2000   |                              | RUSTLER       | 1700        |
| YATES         | 2000 | 3700   |                              | YATES         | 2000        |
| 7 RIVERS      | 3700 | 4600   |                              | 7 RIVERS      | 3700        |
| QUEEN         | 4600 | 5506   |                              | QUEEN         | 4600        |
| BELL CANYON   | 5506 | 6519   |                              | BELL CANYON   | 5506        |
| CHERRY CANYON | 6519 | 7386   |                              | CHERRY CANYON | 6519        |
| BRUSHY CANYON | 7386 | 8406   |                              | BRUSHY CANYON | 7386        |
| BONE SPRING   | 8406 | 8596   |                              | BONE SPRING   | 8406        |

32. Additional remarks (include plugging procedure):

#52 CONTINUED....  
AVALON SHALE 8596 9335  
1ST BONE SPRING 9335

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #405811 Verified by the BLM Well Information System.  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs**

Name (please print) D. PATRICK DARDEN, PE Title SR. ENGINEERING ADVISOR

Signature \_\_\_\_\_ (Electronic Submission) Date 02/26/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018



**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

|  |  |
|--|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | 5. Lease Serial No.<br>NMNM40406                 |
| 2. Name of Operator<br>LEGACY RESERVES OPERATING LP  | 6. If Indian, Allottee or Tribe Name             |
| 3a. Address<br>303 W WALL ST STE 1800<br>MIDLAND, TX 79701   | 7. If Unit or CA/Agreement, Name and/or No.      |
| 3b. Phone No. (include area code)<br>Ph: 432-689-5200 Ext: 5273  | 8. Well Name and No.<br>HAMON A FEDERAL COM 8H   |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 6 T20S R34E SWSE 524FSL 1872FEL                    | 9. API Well No.<br>30-025-43249                  |
| 10. Field and Pool or Exploratory Area<br>TEAS; BONE SPRING, EAST  | 11. County or Parish, State<br>LEA CO COUNTY, NM |

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/12/2017 Ran Gamma Ray/CCL log.

10/18/2017 to 10/26/2017 Perf Bone Spring fr/11,579'-15,520' MD w/600 shots. Treated well w/1,440 bbls 10% acid, 6,054,454# sand and 148,129 BW.

11/07/2017 Began flowback operations.

11/23/2017 Date of first production, Shut In 11/30/2017 for off set frac.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #403923 verified by the BLM Well Information System  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs**

|                                   |                              |
|-----------------------------------|------------------------------|
| Name (Printed/Typed) LAURA PINA   | Title COMPLIANCE COORDINATOR |
| Signature (Electronic Submission) | Date 02/08/2018              |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|  |                             |
|--|-----------------------------|
| Approved By _____<br>Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Title _____<br>Office _____ |
|--|-----------------------------|

Pending BLM approvals will subsequently be reviewed and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. \_\_\_\_\_ any department or agency of the United States

(Instructions on page 2)

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*