

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>LEGACY RESERVES OPERATING LP<br>PO BOX 10848<br>MIDLAND, TX 79702 |   | <sup>2</sup> OGRID Number<br>240974                                  |
| <sup>4</sup> API Number<br>30 - 025-43251   |   | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW/11-21-2017 |
| <sup>5</sup> Pool Name<br>TEAS; BONE SPRING, EAST   | <sup>6</sup> Pool Code<br>96637                   |  |
| <sup>7</sup> Property Code<br>302795  | <sup>8</sup> Property Name<br>HAMON A FEDERAL COM | <sup>9</sup> Well Number<br>10H                                      |

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

|                    |               |                 |              |         |                      |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| Ul or lot no.<br>D | Section<br>18 | Township<br>20S | Range<br>34E | Lot Idn | Feet from the<br>320 | North/South line<br>NORTH | Feet from the<br>1045 | East/West line<br>WEST | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                             |   |                                      |                                   |                                    |                                     |                           |                      |                        |               |
|-----------------------------|---|--------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|---------------|
| Ul or lot no.<br>D          | Section<br>7                                | Township<br>20S                      | Range<br>34E                      | Lot Idn<br>(1)                     | Feet from the<br>340                | North/South line<br>NORTH | Feet from the<br>432 | East/West line<br>WEST | County<br>LEA |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>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<br>OGRID | <sup>19</sup> Transporter Name<br>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>07/26/2017 | <sup>22</sup> Ready Date<br>11/21/2017 | <sup>23</sup> TD<br>15,266'        | <sup>24</sup> PBDT<br>15,250' | <sup>25</sup> Perforations<br>10,718'-15,231' | <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"                            | 1,555'                        |   | 1300 sx                    |
| 12 1/4"                               |  | 9 5/8"                             | 5,430'                        |   | 3010 sx                    |
| 8 3/4"                                |  | 5 1/2"                             | 15,266'                       |   | 2500 sx                    |
|                                       |  | 2 7/8"                             | 9,914'                        |   |                            |

V. Well Test Data

|  |   |                                       |                                     |                                    |                                      |
|--|---|---------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>12/03/2017 | <sup>32</sup> Gas Delivery Date<br>12/03/2017 | <sup>33</sup> Test Date<br>03/25/2018 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure<br>420 | <sup>36</sup> Csg. Pressure<br>180   |
| <sup>37</sup> Choke Size                 | <sup>38</sup> Oil<br>743                      | <sup>39</sup> Water<br>1258           | <sup>40</sup> Gas<br>845            |                                    | <sup>41</sup> Test Method<br>Pumping |

<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:  
05/14/2018

Phone:  
432-689-5200

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *6-8-18*

Amend C115s from December, 2017  
forward to include this well

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.***HOBBS OCD****SUBMIT IN TRIPLICATE - Other instructions on page** **MAY 18 2018****RECEIVED**

|  |   |   |
|--|---|---|
| 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>NMNM13276                                  |
| 2. Name of Operator<br>LEGACY RESERVES OPERATING LP<br>Contact: LAURA PINA<br>E-Mail: lpina@legacyp.com                          |   | 6. If Indian, Allottee or Tribe Name                              |
| 3a. Address<br>303 W WALL ST STE 1800<br>MIDLAND, TX 79701   | 3b. Phone No. (include area code)<br>Ph: 432-689-5200 Ext: 5273 | 7. If Unit or CA/Agreement, Name and/or No.                       |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 18 T20S R34E NWNW 320FNL 1045FWL                   |   | 8. Well Name and No.<br>HAYDON FEDERAL COM 10H                    |
|  |   | 9. API Well No.<br>30-025-43251                                   |
|  |   | 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 recompleat 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 recompleat 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.

11/09/2017 Ran Gamma Ray/CCL log.

11/14/2017 to 11/21/2017 Perf Bone Spring fr/10,718'-15,231' MD w/990 shots. Treated well w/1,320 bbls 10% acid, 6,490,836# sand and 176,006 BW.

01/31/2018 Drilled out plugs.

11/22/2017 Began flowback operations.

11/24/2017 Date of first production.

|  |                              |
|--|------------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #419717 verified by the BLM Well Information System<br/>For LEGACY RESERVES OPERATING LP, sent to the Hobbs</b> |                              |
| Name (Printed/Typed) LAURA PINA  | Title COMPLIANCE COORDINATOR |
| Signature (Electronic Submission)  | Date 05/10/2018              |

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

|   |              |
|---|--------------|
| Approved By _____   | Title _____  |
| 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. | 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 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

**HOBBS OCD**  
NOV 18 2018

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

**COPY**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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

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

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 **NW1/4 Sec 18 T20S R34E Mer NW1/4 Sec 7 T20S R34E Mer**  
At top prod interval reported below **NW1/4 Sec 7 T20S R34E Mer**  
At total depth **NW1/4 Sec 7 T20S R34E Mer**

14. Date Spudded **07/26/2017** 15. Date T.D. Reached **08/12/2017** 16. Date Completed **11/21/2017** ☐ D & A ☒ Ready to Prod.

18. Total Depth: **MD 15266 TVD 10251** 19. Plug Back T.D.: **MD 15266 TVD 10251** 20. Depth Bridge Plug Set: **MD 15266 TVD 10251**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **GR/CC** 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|--------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 J-55  | 54.5        |          | 0           | 1555                 |                             | 1300              | 0           |               |
| 12.250    | 9.625 HCK55  | 40.0        |          | 0           | 5430                 |                             | 3010              | 0           |               |
| 8.750     | 5.500 HCP110 | 20.0        |          | 0           | 15266                |                             | 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 | 9914           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation      | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-------|--------|---------------------|------|-----------|--------------|
| A) BONE SPRING | 10718 | 15231  | 10718 TO 15231      |      | 990       | PRODUCING    |
| B)             |       |        |                     |      |           |              |
| C)             |       |        |                     |      |           |              |
| D)             |       |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 10718 TO 15231 | TREAT WELL W/1,320 BBL'S ACID, 6,490,836# SAND & 176,006 BBL'S 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         |
|---------------------|------------|--------------|-----------------|-------------|-------------|----------------|-----------------------|-----------------|---------------------------|
| 11/24/2017          | 03/26/2018 | 24           | 743.0           | 845.0       | 1258.0      | 41.0           | 0.56                  |                 | ELECTRIC PUMP SUB-SURFACE |
| Choke Size          | Flowg. 420 | Pres. 180.0  | 24 Hr. Rate     | Oil BBL 743 | Gas MCF 845 | Water BBL 1258 | Gas-Oil Ratio 1137    | Well Status 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     | Production Method |
|---------------------|------------|--------------|-----------------|-------------|-------------|----------------|-----------------------|-----------------|-------------------|
| Choke Size          | Flowg. 420 | Pres. 180.0  | 24 Hr. Rate     | Oil BBL 743 | Gas MCF 845 | Water BBL 1258 | Gas-Oil Ratio 1137    | Well Status POW |                   |

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #201222 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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<br>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 #420122 Verified by the BLM Well Information System.  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs**

Name (please print) D. PATRICK DARDEN, PETitle SR. ENGINEERING ADVISORSignature (Electronic Submission)Date 05/15/2018

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***