

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised August 1, 2011

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>3</sup> Reason for Filing Code/ Effective Date<br>NW/04-02-2018 |
| <sup>4</sup> API Number<br>30 - 025-44027   | <sup>5</sup> Pool Name<br>LEA; BONE SPRING | <sup>6</sup> Pool Code<br>37570                                      |
| <sup>7</sup> Property Code<br>302802  | <sup>8</sup> Property Name<br>LEA UNIT     | <sup>9</sup> Well Number<br>58H                                      |

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

|                    |               |                 |              |         |                      |                       |                       |                     |               |
|--------------------|---------------|-----------------|--------------|---------|----------------------|-----------------------|-----------------------|---------------------|---------------|
| UI or lot no.<br>A | Section<br>11 | Township<br>20S | Range<br>34E | Lot Idn | Feet from the<br>170 | North/South line<br>N | Feet from the<br>1115 | East/West line<br>E | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|-----------------------|-----------------------|---------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                             |   |                                      |                                   |                                    |                                     |                       |                      |                     |               |
|-----------------------------|---|--------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|-----------------------|----------------------|---------------------|---------------|
| UI or lot no.<br>H          | Section<br>14                               | Township<br>20S                      | Range<br>34E                      | Lot Idn                            | Feet from the<br>2305               | North/South line<br>N | Feet from the<br>443 | East/West line<br>E | 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>12/21/2017 | <sup>22</sup> Ready Date<br>04/02/2018        | <sup>23</sup> TD<br>16,680' MD    | <sup>24</sup> PBTB<br>16,630'         | <sup>25</sup> Perforations<br>9,888'-16,685' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size<br>17 1/2"    | <sup>28</sup> Casing & Tubing Size<br>13 3/8" | <sup>29</sup> Depth Set<br>1,812' | <sup>30</sup> Sacks Cement<br>1500 sx |  |                       |
| 12 1/4"                               | 9 5/8"  | 5,612'                            | 4150 sx                               |  |                       |
| 8 3/4"                                | 5 1/2"  | 16,680'                           | 2900 sx                               |  |                       |
|                                       | 2 7/8"  | 8,869'                            |                                       |  |                       |

V. Well Test Data

|  |   |                                       |                                     |                                    |                                      |
|--|---|---------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>04/03/2018 | <sup>32</sup> Gas Delivery Date<br>04/12/2018 | <sup>33</sup> Test Date<br>05/22/2018 | <sup>34</sup> Test Length<br>24 HRS | <sup>35</sup> Tbg. Pressure<br>320 | <sup>36</sup> Csg. Pressure<br>280   |
| <sup>37</sup> Choke Size                 | <sup>38</sup> Oil<br>1051                     | <sup>39</sup> Water<br>2103           | <sup>40</sup> Gas<br>1026           |                                    | <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:  
07/12/2018

Phone:  
432-689-5200

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title:  
*Staff Mgr*

Approval Date:  
7-18-18

Documents pending BLM approval will  
subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. Lease Serial No.  
NMNM080262

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
LEA UNIT 58H9. API Well No.  
30-025-4402710. Field and Pool or Exploratory Area  
LEA; BONE SPRING11. County or Parish, State  
LEA CO COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2****HOBBS OCD  
JUL 16 2018  
RECEIVED****COPY**1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
LEGACY RESERVES OPERATING LP  
Contact: LAURA PINA  
E-Mail: lpina@legacylp.com3a. Address  
303 W WALL ST STE 1800  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-689-5200 Ext: 52734. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 11 T20S R34E NENE 170FNL 1115FEL**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.

02/23/2018 Ran Gamma Ray/CCL log.

03/17/2018 to 03/25/2018 Perf Bone Spring fr/9,369'-16,685' MD w/1,020 shots. Treated well w/2,602 bbls 10% acid, 8,484,560# sand and 221,774 BW.

03/27/2018 to 04/01/2018 Drilled out plugs.

04/03/2018 Began flowback operations.

04/03/2018 Date of first production.

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

**Electronic Submission #424904 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 06/21/2018

**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

**Documents pending BLM approval 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.

Department or agency of the United

(Instructions on page 2)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

COPY

## WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

HOBBS OCD  
JUL 16 2018  
RECEIVED

|   |  |  |  |                                      |  |
|---|--|--|--|--------------------------------------|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other   |  |  | 5. Lease Serial No.<br>NMNM080262  |                                      |  |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.<br>Other _____                                 |  |  | 6. If Indian, Allottee or Tribe Name   |                                      |  |
| 2. Name of Operator<br>LEGACY RESERVES OPERATING LP-Mail: jsaenz@legacyp.com  |  |  | 7. Unit or CA Agreement Name and No.   |                                      |  |
| 3. Address 303 W WALL ST STE 1800<br>MIDLAND, TX 79701  |  |  | 8. Lease Name and Well No.<br>LEGACY UNIT 1800   |                                      |  |
| 3a. Phone No. (include area code)<br>Ph: 432-689-5200   |  |  | 9. API Well No.<br>30-025-44027  |                                      |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface Sec 11 T20S R34E Mer<br>NENE 170FNL 1115FEL<br><br>At top prod interval reported below<br>Sec 14 T20S R34E Mer<br>At total depth SENE 2305FNL 443FEL |  |  | 10. Field and Pool, or Exploratory<br>LEA; BONE SPRING   |                                      |  |
| 14. Date Spudded<br>12/21/2017  |  |  | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 11 T20S R34E Mer  |                                      |  |
| 15. Date T.D. Reached<br>02/08/2018   |  |  | 12. County or Parish<br>LEA  |                                      |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>04/02/2018   |  |  | 13. State<br>NM  |                                      |  |
| 17. Elevations (DF, KB, RT, GL)*<br>3663 GL   |  |  |  |                                      |  |
| 18. Total Depth: MD 16680<br>TVD 9595   |  | 19. Plug Back T.D.: MD 16630<br>TVD 9595 |  | 20. Depth Bridge Plug Set: MD<br>TVD |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>GR-CCL   |  |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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        | 1812        |                      | 1500                        |                   | 0           |               |
| 12.250    | 9.625 J-55    | 40.0        | 0        | 5612        |                      | 4150                        |                   | 0           |               |
| 8.750     | 5.500 HCP-110 | 20.0        | 0        | 16680       |                      | 2900                        |                   | 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 | 8869           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation      | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|------|-----------|--------------|
| A) BONE SPRING | 9369 | 16685  | 9888 TO 16685       |      | 1020      | PRODUCING    |
| B)             |      |        |                     |      |           |              |
| C)             |      |        |                     |      |           |              |
| D)             |      |        |                     |      |           |              |

## 26. Perforation Record

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

| Depth Interval | Amount and Type of Material                                      |
|----------------|--|
| 9888 TO 16685  | TREAT WELL W/2,602 BBLs ACID, 8,484,560# SAND & 221,774 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         |
|---------------------|--------------------------|-------------------|-----------------|--------------|--------------|----------------|-----------------------|-----------------|---------------------------|
| 04/03/2018          | 05/22/2018               | 24                | →               | 1051.0       | 1026.0       | 2103.0         | 38.0                  | 0.60            | ELECTRIC PUMP SUB-SURFACE |
| Choke Size          | Tbg. Press. Flwg. 320 SI | Csg. Press. 280.0 | 24 Hr. Rate →   | Oil BBL 1051 | Gas MCF 1026 | Water BBL 2103 | Gas:Oil Ratio 976     | 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          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate →   | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #427274 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Documents pending BLM approval 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 |
|-----------------|-------|--------|------------------------------|-----------------|--------------------|
| BONE SPRING     | 8320  | 8840   |                              | BELL            | 5567               |
| 1ST BONE SPRING | 9489  | 10136  |                              | BRUSHY CANYON   | 6569               |
| 2ND BONE SPRING | 10136 | 10868  |                              | BONE SPRING     | 8320               |
| 3RD BONE SPRING | 10868 | 10996  |                              | 1ST BONE SPRING | 9489               |
|                 |       |        |                              | 2ND BONE SPRING | 10136              |
|                 |       |        |                              | 3RD BONE SPRING | 10868              |

## 32. Additional remarks (include plugging procedure):

DIRECTIONAL SURVEY ATTACHED. LOG WILL BE MAILED TO THE BLM CARLSBAD OFFICE.

## 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 #427274 Verified by the BLM Well Information System.  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs

Name (please print) JOHN SAENZ

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 07/13/2018

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 \*\***