

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|  |  |  |  |                                      |  |
|--|--|--|--|--------------------------------------|--|
| 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>NMNM01747   |                                      |  |
| 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@legacylp.com  |  |  | 7. Unit or CA Agreement Name and No.<br>891006455A   |                                      |  |
| 3. Address 303 W WALL SUITE 1600<br>MIDLAND, TX 79702  |  |  | 8. Lease Name and Well No.<br>LEA UNIT 66H   |                                      |  |
| 3a. Phone No. (include area code)<br>Ph: 409 797 1111  |  |  | 9. API Well No.<br>30-025-45154-00-S1  |                                      |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>Sec 24 T20S R34E Mer NMP<br>At surface NWSE 2270FSL 1380FEL 32.557602 N Lat, 103.509651 W Lon<br>At top prod interval reported below<br>Sec 12 T20S R34E Mer NMP<br>At total depth SWSE 330FSL 1548FEL |  |  | 10. Field and Pool, or Exploratory<br>LEA-BONE SPRING  |                                      |  |
| 14. Date Spudded<br>09/01/2018   |  |  | 15. Date T.D. Reached<br>09/22/2018  |                                      |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>10/23/2018  |  |  | 17. Elevations (DF, KB, RT, GL)*<br>3676 GL  |                                      |  |
| 18. Total Depth: MD<br>TVD 19447<br>10943  |  | 19. Plug Back T.D.: MD<br>TVD 19407<br>10943 |  | 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        | 5582        |                      | 2050                        |                   | 0           |               |
| 8.500     | 5.500 HCP-110 | 20.0        | 0        | 19447       |                      | 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 | 10398          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation      | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-------|--------|---------------------|------|-----------|--------------|
| A) BONE SPRING | 11450 | 19447  | 11450 TO 19447      |      | 1200      | PRODUCING    |
| B)             |       |        |                     |      |           |              |
| C)             |       |        |                     |      |           |              |
| D)             |       |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 11450 TO 19447 | TREATED WELL W/2,889 BBLs ACID & 11,990,300# SAND & 283,145 BBLs WATER |
|                |  |
|                |  |
|                |  |

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         |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 10/23/2018          | 12/05/2018        | 24           | →               | 761.0   | 614.0   | 1364.0    | 41.0                  | 0.56        | ELECTRIC PUMP SUB-SURFACE |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                           |
| SI                  | 423               | 343.0        | →               | 761     | 614     | 1364      | 807                   | POW         |                           |

28a. Production - Interval B

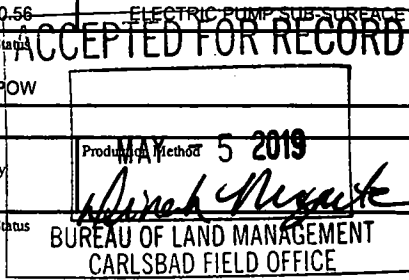
| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|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

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

ELECTRONIC SUBMISSION #452024 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Reclamation Div. 4/23/2019



## 28b. Production - Interval C

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

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | 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 |
| BONE SPRING     | 8320  | 8840   |                              | BELL CANYON     | 5567        |
| BONE SPRING 1ST | 9489  | 10136  |                              | BRUSHY CANYON   | 6569        |
| BONE SPRING 2ND | 10136 | 10868  |                              | BONE SPRING     | 8320        |
| BONE SPRING 3RD | 10868 | 10996  |                              | BONE SPRING 1ST | 9489        |
|                 |       |        |                              | BONE SPRING 2ND | 10136       |
|                 |       |        |                              | BONE SPRING 3RD | 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 #452024 Verified by the BLM Well Information System.  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs  
Committed to AFMSS for processing by DINAH NEGRETE on 04/22/2019 (19DCN0097SE)

Name (please print) JOHN SAENZTitle OPERATIONS ENGINEER

Signature \_\_\_\_\_ (Electronic Submission)

Date 01/28/2019

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**DISTRICT I**

1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 333-6161 Fax: (575) 333-0720

**DISTRICT II**

611 S. First St., Artesia, NM 88210  
Phone: (575) 748-1223 Fax: (575) 748-0720

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone: (505) 334-6176 Fax: (505) 334-6170

**DISTRICT IV**

1820 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Frances Dr JAN 29 2019

Santa Fe, NM 87505

"AS DRILLED"

RECEIVED

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

XII AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |   |                               |
|----------------------------|---|-------------------------------|
| API Number<br>30-025-45154 | Pool Code<br>37570                            | Pool Name<br>LEA; BONE SPRING |
| Property Code<br>302802    | Property Name<br>LEA UNIT                     | Well Number<br>66H            |
| OGRID No.<br>240974        | Operator Name<br>LEGACY RESERVES OPERATING LP | Elevation<br>3676'            |

## Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J             | 24      | 20 S     | 34 E  |         | 2270          | SOUTH            | 1380          | EAST           | LEA    |

## 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 12      | 20 S     | 34 E  |         | 330           | SOUTH            | 1548          | EAST           | LEA    |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 320             |                 |                    |           |

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

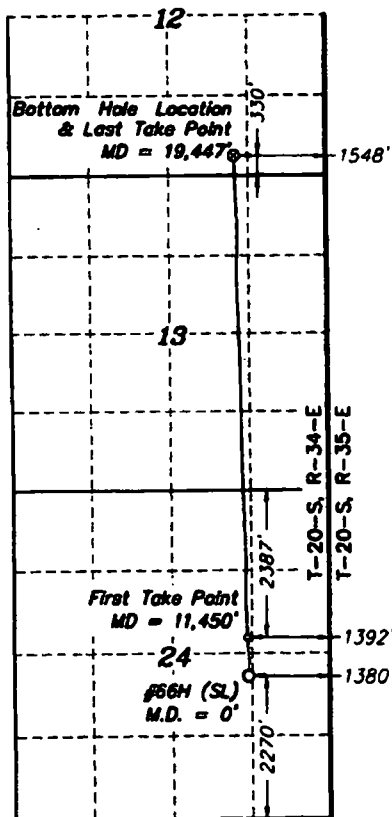
As-Drilled Path based on Downhole Report provided by

Legacy Reserves received January 10, 2019.

Surface Location Taken From Survey Dated:

December 20, 2017

NOTE: Plane Coordinates shown hereon are Transverse  
Mercator Grid and Conform to the "New Mexico  
Coordinate System", New Mexico East Zone, North  
American Datum of 1983. Distances shown hereon are  
mean horizontal surface values.



Scale  
1" = 3000'

BOTTOM HOLE LOCATION  
& LAST TAKE POINT  
(NAD83)

## Plane Coordinate

X = 794,883.3

Y = 576,178.1

## Geodetic (D.D.)

32.58127144° N

103.51018858° W

FIRST TAKE POINT  
(NAD83)

## Plane Coordinate

X = 795,099.8

Y = 568,187.4

## Geodetic (D.D.)

32.55930466° N

103.50968668° W

SURFACE LOCATION  
(NAD83)

## Plane Coordinate

X = 795,116.1

Y = 567,568.1

## Geodetic (D.D.)

32.55760229° N

103.50964944° W

## OPERATOR CERTIFICATION

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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well on the 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.

*Laura Pina* 01/25/19  
Signature Date

Laura Pina

Printed Name

lpina@legacylp.com

E-mail Address

## SURVEYOR CERTIFICATION

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.

December 20, 2017

Date of Survey

Signature &amp; Seal

*Michael G. Spores*  
MICHAEL G. SPORES  
NEW MEXICO  
23265  
PROFESSIONAL SURVEYOR

W.O. Num. 2017-0929-4

Certificate No. Michael G. Spores 23265