

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAR 12 2014

1. 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

RECEIVED

3. Address: P.O. BOX 10848 MIDLAND, TX 79702  
 3a. Phone No. (include area code): (432) 689-5200

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SEC. 6, 474' FSL & 2004' FEL  
 At top prod. interval reported below SEC. 7, 331' FNL & 1801.5' FEL  
 At total depth SEC. 7, 336' FSL & 1832' FEL

5. Lease Serial No. NMMN129733  
 6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. HAMON FED COM A 3H  
 9. API Well No. 30-025-41305  
 10. Field and Pool or Exploratory TEAS EAST; BONE SPRINGS  
 11. Sec., T., R., M., on Block and Survey or Area SEC. 6, T20S, R34E  
 12. County or Parish LEA COUNTY  
 13. State NM

14. Date Spudded 08/24/2013  
 15. Date T.D. Reached 10/13/2013  
 16. Date Completed 11/01/2013  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* GL 3610'  
 18. Total Depth: MD 16,028' TVD 10,902'  
 19. Plug Back T.D.: MD 16,028' TVD 10,902'  
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 DUAL LATEROLOG/MICROLATEROLOG/GR

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

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

| Hole Size | Size/Grade   | Wt. (#/ft.) | Top (MD)  | Bottom (MD) | Stage Cement Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled     |
|-----------|--------------|-------------|-----------|-------------|--------------------|------------------------------|-------------------|-------------|-------------------|
| 16"       | 13 3/8" J-55 | 54.5#       | 0         | 1556'       |                    | 800 sx Class C               |                   | 0           | Circulated 109 sx |
| 12 1/4"   | 9 5/8"       | 40#         | 0         | 5515'       |                    | 600 sx Class C               |                   | 3966'       |                   |
| 12 1/4"   | 9 5/8"       | 40#         | DV Tool @ | 3966'       |                    | 2330 sx Class C              |                   | 0           | Circulated 311 sx |
| 8 3/4"    | 5 1/2" P-110 | 17#         | 0         | 16,028'     |                    | 2826 sx Class C              |                   | 0           | Circulated 451 sx |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| NONE |                |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation      | Top        | Bottom     | Perforated Interval | Size  | No. Holes | Perf. Status |
|----------------|------------|------------|---------------------|-------|-----------|--------------|
| A) Bone Spring | 11,408' MD | 16,022' MD | 11,408'-16,022'     | 0.40" | 360       | OPEN         |
| B)             |            |            |                     |       |           |              |
| C)             |            |            |                     |       |           |              |
| D)             |            |            |                     |       |           |              |

26. Perforation Record

| Formation      | Top        | Bottom     | Perforated Interval | Size  | No. Holes | Perf. Status |
|----------------|------------|------------|---------------------|-------|-----------|--------------|
| A) Bone Spring | 11,408' MD | 16,022' MD | 11,408'-16,022'     | 0.40" | 360       | OPEN         |

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

| Depth Interval  | Amount and Type of Material  |
|-----------------|--|
| 11,408'-16,022' | FRAC'D WITH 1,800,000# 20/40 WHITE SAND & 450,000# 20/40 OIL PLUS RESIN COATED SAND IN 20# CROSS-LINKED BORATE FLUID |

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              |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|--------------------------------|
| 11/01/13            | 11/13/13             | 24           | →               | 1134    | 924     | 737       | 39.6                  | 0.835       | FLOWING RECLAMATION DUE 5-1-14 |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                                |
| 26/64               | N/A                  | 1225         | →               | 1134    | 924     | 737       | 815                   | PRODUCING   |                                |

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   |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------|
|                     |                      |              | →               |         |         |           |                       |             | MAR 3 2014          |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                     |
|                     |                      |              | →               |         |         |           |                       |             | ACCEPTED FOR RECORD |

\*(See instructions and spaces for additional data on page 2)

RECLAMATION DUE 5-1-14

ACCEPTED FOR RECORD

MAR 3 2014

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

MAR 18 2014

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 (Solid, used for fuel, vented, etc.)

SOLD TO TARGA

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      |
|           |     |        |                              | BELL CANYON<br>CHERRY CANYON       | 5452'<br>6475'   |
|           |     |        |                              | BRUSHY CANYON<br>BONE SPRING       | 7399'<br>8343'   |
|           |     |        |                              | 1ST BONE SPRING<br>2ND BONE SPRING | 9388'<br>9942'   |
|           |     |        |                              | 3RD BONE SPRING<br>WOLFCAMP        | 10623'<br>10980' |

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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

Name (please print) BLAIN LEWIS Title SENIOR ENGINEER  
 Signature *Blain Lewis* Date 02/25/2014

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.

# Hydraulic Fracturing Fluid Product Component Information Disclosure

|                            |                        |
|----------------------------|------------------------|
| Last Fracture Date:        | 10/29/2013             |
| State:                     | New Mexico             |
| County:                    | Lea                    |
| API Number:                | 30-025-41305           |
| Operator Name:             | Legacy Reserves Oper   |
| Well Name and Number:      | Hamon A Federal Com 3H |
| Longitude:                 | -103.59576             |
| Latitude:                  | 32.59521               |
| Long/Lat Projection:       |                        |
| Production Type:           | Oil                    |
| True Vertical Depth (TVD): | 10,977                 |
| Total Water Volume (gal):  | 1,610,910              |

## Hydraulic Fracturing Fluid Composition:

| Trade Name                     | Supplier     | Purpose             | Ingredients                    | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments          |
|--------------------------------|--------------|---------------------|--------------------------------|--|--|--|-------------------|
| Water                          | Operator     | Carrier             | Water                          | 7732-18-5                                | 100.00%  | 82.69967%  |                   |
| HCl, 10.1 - 15%                | Baker Hughes | Acidizing           | Hydrochloric Acid              | 7647-01-0                                | 15.00%   | 0.27825%   | SmartCare Product |
|                                |              |                     | Water                          | 7732-18-5                                | 85.00%   | 1.57676%   |                   |
| GBW-5                          | Baker Hughes | Breaker             | Ammonium persulphate           | 7727-54-0                                | 100.00%  | 0.00640%   | SmartCare Product |
| GBW-15L                        | Baker Hughes | Breaker             | Enzyme solution                | Trade Secret                             | 100.00%  | 0.02017%   | SmartCare Product |
| CI-14                          | Baker Hughes | Corrosion Inhibitor | Fatty Acids                    | Trade Secret                             | 10.00%   | 0.00028%   | SmartCare Product |
|                                |              |                     | Methanol                       | 67-56-1                                  | 100.00%  | 0.00281%   |                   |
|                                |              |                     | Olefin                         | Trade Secret                             | 5.00%  | 0.00014%   |                   |
|                                |              |                     | Polyoxyalkylenes               | Trade Secret                             | 30.00%   | 0.00084%   |                   |
|                                |              |                     | Propargyl Alcohol              | 107-19-7                                 | 5.00%  | 0.00014%   |                   |
| XLW-10A                        | Baker Hughes | Crosslinker         | Ethylene Glycol                | 107-21-1                                 | 30.00%   | 0.04168%   |                   |
|                                |              |                     | Sodium Hydroxide               | 1310-73-2                                | 10.00%   | 0.01389%   |                   |
|                                |              |                     | Sodium Tetraborate Decahydrate | 1303-96-4                                | 30.00%   | 0.04168%   |                   |
| GW-4LDF                        | Baker Hughes | Gelling Agent       | Guar Gum                       | 9000-30-0                                | 60.00%   | 0.29008%   | SmartCare Product |
|                                |              |                     | Petroleum Distillate Blend (1) | 64742-47-8                               | 70.00%   | 0.33843%   |                   |
|                                |              |                     | Petroleum Distillate Blend (3) | 8042-47-5                                | 70.00%   | 0.33843%   |                   |
|                                |              |                     | Petroleum Distillate Blend (2) | 64742-55-8                               | 70.00%   | 0.33843%   |                   |
| Ferrotrol 280L                 | Baker Hughes | Iron Control        | 2-Mercaptoethanol              | 60-24-2                                  | 100.00%  | 0.00588%   |                   |
|                                |              |                     | Ammonium Hydroxide             | 1336-21-6                                | 5.00%  | 0.00029%   |                   |
|                                |              |                     | Cupric Chloride                | 7447-39-4                                | 5.00%  | 0.00029%   |                   |
| NE-23, 55 gallon drum          | Baker Hughes | Non-emulsifier      | Isopropanol                    | 67-63-0                                  | 30.00%   | 0.00159%   |                   |
| Sand, White, 20/40             | Baker Hughes | Proppant            | Crystalline Silica (Quartz)    | 14808-60-7                               | 100.00%  | 11.09891%  |                   |
| BDX93148 Oil Plus, 20/40, bulk | Baker Hughes | Proppant            | Quartz (SiO2)                  | 14808-60-7                               | 100.00%  | 2.80262%   |                   |
| ES-4                           | Baker Hughes | Solvent             | Petroleum Distillate Blend     | Trade Secret                             | 100.00%  | 0.00560%   |                   |
| Flo-Back 40                    | Baker Hughes | Surfactant          | Amphoteric Surfactant          | Trade Secret                             | 40.00%   | 0.01660%   | SmartCare Product |
|                                |              |                     | Benzyl Chloride                | 100-44-7                                 |  | 0.0000529215%  |                   |
|                                |              |                     | Ethoxylated Nonylphenol        | 9016-45-9                                |  | 0.0002646074%  |                   |
|                                |              |                     | Formaldehyde                   | 50-00-0                                  |  | 0.0000281229%  |                   |
|                                |              |                     | Glycol Ether                   | Trade Secret                             |  | 0.0002646074%  |                   |
|                                |              |                     | Hydrochloric Acid              | 7647-01-0                                |  | 0.0000281229%  |                   |
|                                |              |                     | Modified Thiorea Polymer       | 68527-49-1                               |  | 0.0001968601%  |                   |
|                                |              |                     | Olefin Sulfonate               | Trade Secret                             |  | 0.0031752888%  |                   |
|                                |              |                     | Polyester                      | Trade Secret                             |  | 0.0007938222%  |                   |
|                                |              |                     | Quaternary Amine Compounds     | Trade Secret                             |  | 0.0015876444%  |                   |
|                                |              |                     | Sodium Chloride                | 7647-14-5                                |  | 0.0124472441%  |                   |
|                                |              |                     | Water                          | 7732-18-5                                |  | 0.0612682874%  |                   |

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(j) and Appendix D.