

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 LEGACY RESERVES OPERATING LP PO BOX 10848 MIDLAND, TX 79702		<sup>2</sup> OGRID Number 240974
		<sup>3</sup> Reason for Filing Code/ Effective Date NW/12-23-2017
<sup>4</sup> API Number 30 - 025-43230	<sup>5</sup> Pool Name TEAS; BONE SPRING, EAST	<sup>6</sup> Pool Code 96637
<sup>7</sup> Property Code 302795	<sup>8</sup> Property Name HAMON A FEDERAL COM	<sup>9</sup> Well Number 5H

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

UI 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		605	SOUTH	1998	EAST	LEA

<sup>11</sup> Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	7	20S	34E		356	SOUTH	2429	EAST	LEA

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<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
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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. 500 DALLAS, STE. 700, HOUSTON, TX	OIL
24650	TARGA MIDSTREAM SERVICES LLC 1000 LOUISIANA, STE. 4700, HOUSTON, TX 77002	GAS

IV. Well Completion Data

<sup>21</sup> Spud Date 06/24/2017	<sup>22</sup> Ready Date 12/23/2017	<sup>23</sup> TD 14,415' 9498	<sup>24</sup> PBTD 14,366'	<sup>25</sup> Perforations 9,956'-14,342'	<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"	1,708'	1350 sx		
12 1/4"	9 5/8"	5,390'	3800 sx		
8 3/4"	5 1/2"	14,415'	2400 sx		

V. Well Test Data

<sup>31</sup> Date New Oil 01/12/2018	<sup>32</sup> Gas Delivery Date 01/12/2018	<sup>33</sup> Test Date 02/27/2018	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure 500	<sup>36</sup> Csg. Pressure 165
<sup>37</sup> Choke Size	<sup>38</sup> Oil 377	<sup>39</sup> Water 1621	<sup>40</sup> Gas 248		<sup>41</sup> Test Method Producing

<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:  
03/21/2018

Phone:  
432-689-5200

OIL CONSERVATION DIVISION

Approved by:

Karen Sharp

Title:

Staff Mgr

Approval Date:

4-5-18

Pending BLM approvals will  
subsequently be reviewed  
and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

COPY

**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM40406
2. Name of Operator LEGACY RESERVES OPERATING LP-Email: lpina@legacyp.com		6. If Indian, Allottee or Tribe Name
3a. Address 303 W WALL ST STE 1800 MIDLAND, TX 79701	3b. Phone No. (include area code) 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) Sec 6 T20S R34E SWSE 605FSL 1998FEL		8. Well Name and No. HAMON A FEDERAL COM 5H
		9. API Well No. 30-025-43230
		10. Field and Pool or Exploratory Area TEAS; BONE SPRING, EAST
		11. County or Parish, State 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.

11/28/2017 Ran Gamma Ray/CCL log.

12/19/2017 to 12/23/2017 Perf Bone Spring fr/9,956'-14,342' MD w/630 shots. Treated well w/1,512 bbls 10% acid, 6,054,454# sand and 138,373 BW.

01/18/2018 Drilled out plugs.

01/12/2018 Began flowback operations.

01/12/2018 Date of first production.

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

Electronic Submission #407377 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 03/12/2018

## 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 scannedTitle 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 States

(Instructions on page 2)

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



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

**HOBBS OCD**  
**MAR 20 2018**  
**RECEIVED**

5. Lease Serial No. NMNM40406

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 5H

9. API Well No. 30-025-43230

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 06/24/2017

15. Date T.D. Reached 07/16/2017

16. Date Completed ☐ D & A ☒ Ready to Prod. 12/23/2017

17. Elevations (DF, KB, RT, GL)\* 3610 GL

18. Total Depth: MD 14415 TVD 9498

19. Plug Back T.D.: MD 14415 TVD 9498

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1708		1350		0	
12.250	9.625 J-55	40.0	0	5390		3800		0	
8.750	5.500 HCP110	20.0	0	14415		2400		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)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9956	14342	9956 TO 14342		630	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9956 TO 14342	TREAT WELL W/1,512 BBLs ACID, 6,054,454# SAND & 138,373 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
01/12/2018	02/27/2018	24	→	377.0	248.0	1621.0	38.0	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 500 SI	Csg. Press. 165.0	24 Hr. Rate →	Oil BBL 377	Gas MCF 248	Water BBL 1621	Gas:Oil Ratio 658	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Stat

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #408936 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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 #408936 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 ADVISOR

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

Date 03/22/2018

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 \*\*

**Additional data for transaction #408936 that would not fit on the form**

**32. Additional remarks, continued**

Directional survey attached. Log will be mailed to BLM Carlsbad Office.



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.*5. Lease Serial No.  
NMNM40406

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
HAMON FED COM A 5H

2. Name of Operator

LEGACY RESERVES OPERATING LP-Mail: smorrow@legacylp.com

Contact: SHERRY J MORROW

9. API Well No.  
30-025-43230-00-S1

3a. Address

303 W WALL SUITE 1600  
MIDLAND, TX 797023b. Phone No. (include area code)  
Ph: 432-221-633910. Field and Pool or Exploratory Area  
TEAS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T20S R34E SWSE 605FSL 1998FEL

11. County or Parish, State

LEA 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 Drilling Operations
	<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.

Please find attached the Drilling Operations Summary:

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

Electronic Submission #410332 verified by the BLM Well Information System  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/04/2018 (18JAS0844SE)

Name (Printed/Typed) MATT DICKSON

Title DRILLING ENGINEER

Signature (Electronic Submission)

Date 04/04/2018

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

Approved By <b>ACCEPTED</b>	(BLM Approver Not Specified)	Date 04/05/2018
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 Hobbs

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.

(Instructions on page 2)

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

## ***Hamon Fed Com A #5H – Sundry Notice***

### **Subsequent Report**

***\*Other***

### **Drilling Operations**

24-Jun-2017: Spud well @ 09:00 hours. Drilled 17-1/2" hole to 1,590' MD (TD).

25-Jun-2017: Ran 38 joints of 13-3/8", 54.5#, J-55, STC casing set @ 1,590'. Pumped lead cement: 1,150 sx of Class C, 13.5 ppg, 1.72 yield, followed by tail cement: 200 sx Class C, 14.8 ppg, 1.32 yield. Circulated 294 sx / 90 bbls of cement to surface. Wait on cement 12 hours. Installed Cameron 13-5/8" x 3K wellhead and test to 500 psi (good).

26-Jun-2017: Installed 13-5/8" x 5K mud cross, double-ram preventer and annular preventer, rotating head bowl and flow nipple. Test BOP, top-drive, floor valves and mud lines to 250 psi low / 3000 psi high. Tested annular preventer to 1500 psi, and tested 13-3/8" surface casing to 1000 psi (good).

3-Jul-2017: Drilled 12-1/4" intermediate hole to a TD of 5,390'. Ran 42 joints of 9-5/8" 40#, HCK-55, LTC casing and 88 joints of 9-5/8" 40#, J-55, LTC casing set @ 5,390' w/DV Tools @ 1,708' and 3,744'.

4-Jul-2017: Pumped first stage lead cement: 1600 sx of 35:65 Poz/Class C, 12.60 ppg, 2.06 yield followed by tail cement: 300 sx of Class C, 14.8 ppg, 1.33 yield. Did not circulate cement to surface. Pumped second stage lead cement: 700 sx of Class C Neat, 14.80 ppg, 1.33 yield followed by tail cement: 600 sx of Class C Neat, 14.8 ppg, 1.33 yield. Did not circulate cement to surface.

5-Jul-2017: Pumped third stage cement: 600 sx of Class C Neat, 14.80 ppg, 1.32 yield. Circulate 136 sx / 32 bbls of cement to surface. Wait on cement 12 hours. Installed B Section and tested to 1800 PSI. Installed 13-5/8" x 5K Double Ram Preventer and 5K annular. Tested BOPE, choke manifold and all valves to 250 psi low / 5000 psi high. Tested annular preventer to 250 psi low / 2500 psi high. Tested 9-5/8" casing to 1500 psi (all test good).

16-Jul-2017: TD 8-3/4" production hole @ 14,415' MD / 9,498' TVD.

17-Jul-2017: Ran 336 joints of 5-1/2" 20#, HCP-110, GBCD casing set @ 14,415' MD. Pumped lead cement: 1200 sx 50:50 Poz/Class H, 11.9 ppg, 2.47 yield followed by tail cement: 1200 sx PVL, 12.6 ppg, 1.62 yield. Circulated 318 sx / 140 bbls of cement to surface, floats held.

18-Jul-2017: Set 5-1/2" casing slips and install 7-1/16" x 10k tubing spool, and test to 3750 psi (good). Rig release @ 06:00 hours. End of drilling operations, preparing well and location for completion operations.

**Matt Dickson**  
**Drilling Engineer**  
**(432) 689-5204**  
**mdickson@legacyp.com**