

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

¹ Operator name and Address LEGACY RESERVES OPERATING LP PO BOX 10848 MIDLAND, TX 79702		² OGRID Number 240974
		³ Reason for Filing Code/ Effective Date NW/12-23-2017
⁴ API Number 30 - 025-43230	⁵ Pool Name TEAS; BONE SPRING, EAST	⁶ Pool Code 96637
⁷ Property Code 302795	⁸ Property Name HAMON A FEDERAL COM	⁹ Well Number 5H

HOBBBS 2008
 MAR 20 2018
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II. ¹⁰ 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

¹¹ 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

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	P				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ 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

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBSD	²⁵ Perforations	²⁶ DHC, MC
06/24/2017	12/23/2017	14,415' <i>9498</i>	14,366'	9,956'-14,342'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ 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		

9443-9428

V. Well Test Data

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

⁴² 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 MANAGEMENT

FORM 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.

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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

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
LEGACY RESERVES OPERATING LP
Contact: LAURA PINA
E-Mail: lpina@legacylp.com

3a. Address
303 W WALL ST STE 1800
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-689-5200 Ext: 5273

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T20S R34E SWSE 605FSL 1998FEL

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 recomplete 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 recompletion 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 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.

(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
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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. NMNM40406	
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. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator LEGACY RESERVES OPERATING LE-Mail: pdarden@legacylp.com		7. Unit or CA Agreement Name and No.	
3. Address 303 W WALL ST STE 1800 MIDLAND, TX 79701		8. Lease Name and Well No. HAMON A FEDERAL COM 5H	
3a. Phone No. (include area code) Ph: 432-689-5200 Ext: 5237		9. API Well No. 30-025-43230	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 6 T20S R34E Mer SWSE 605FSL 1998FEL At top prod interval reported below Sec 7 T20S R34E Mer At total depth SWSE 356FSL 2429FEL		10. Field and Pool, or Exploratory TEAS; BONE SPRING, EAST	
14. Date Spudded 06/24/2017		15. Date T.D. Reached 07/16/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) 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	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			26. Perforation Record			
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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	500	165.0	→	377	248	1621	658	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

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, PE Title 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 MANAGEMENT

FORM 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

8. Well Name and No.
HAMON FED COM A 5H

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
LEGACY RESERVES OPERATING LP-Mail: smorrow@legacylp.com
Contact: SHERRY J MORROW

3a. Address
303 W WALL SUITE 1600
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-221-6339

10. 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

HOBBS OGD
APR 05 2018

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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 recomplete 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 recompletion 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 ACCEPTED	(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@legacylp.com