

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

HOBBS OCD

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
SEP 21 2018

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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/07-03-2018
⁴ API Number 30 - 025-44329	⁵ Pool Name LEA; BONE SPRING	⁶ Pool Code 37570
⁷ Property Code 302802	⁸ Property Name LEA UNIT	⁹ Well Number 43H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	24	20S	34E		2270	S	560	E	LEA

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	20S	34E		330	N	425	E	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 PBDT	²⁵ Perforations	²⁶ DHC, MC
04/13/2018	07/03/2018	17,373' MD	17,344'	10,138'-17,314'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1,834'	1500 sx		
12 1/4"	9 5/8"	5,590'	3450 sx		
8 3/4"	5 1/2"	17,373'	2900 sx		
	2 7/8"	8,899'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
07/16/2018	07/16/2018	07/18/2018	24 HRS	355	270
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
	1399	1109	1386	Pumping	

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: **09/19/2018** Phone: **432-689-5200**

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *9-25-18*

Documents 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.

HOBBS OGD
SEP 21 2018
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5. Lease Serial No.
NMNM20979

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
LEA UNIT 43H

9. API Well No.
30-025-44329

10. Field and Pool or Exploratory Area
LEA; BONE SPRING

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 24 T20S R34E NESE 2270FSL 560FEL

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.

- 05/17/2018 Ran Gamma Ray/CCL log
- 05/18/2018 to 06/24/2018 Perf Bone Spring fr/10,138'-17,314' MD w/1,110 shots. Treated well w/2,504 bbls 10% acid, 10,070,998# sand and 246,270 BW
- 06/29/2018 to 07/02/2018 Drilled out plugs
- 07/03/2018 Began flowback operations
- 07/16/2018 Date of first production

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #435615 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 09/17/2018

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 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 to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
SEP 21 2018
RECEIVED

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



WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM20979

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Log
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **LEGACY RESERVES OPERATING LP** Contact: **JOHN SAENZ**
LE-Mail: **jsaenz@legacyp.com**

8. Lease Name and Well No.
LEA UNIT 43H

3. Address **PO BOX 10848
MIDLAND, TX 79702**

3a. Phone No. (include area code)
Ph: **432-689-5200**

9. API Well No.
30-025-44329

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 24 T20S R34E Mer
At surface **NESE 2270FSL 560FEL**
At top prod interval reported below
Sec 13 T20S R34E Mer
At total depth **NENE 330FNL 425FEL**

10. Field and Pool, or Exploratory
LEA; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area **Sec 24 T20S R34E Mer**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded
04/13/2018

15. Date T.D. Reached
05/05/2018

16. Date Completed
 D & A Ready to Prod.
07/03/2018

17. Elevations (DF, KB, RT, GL)*
3677 GL

18. Total Depth: **MD 17373
TVD 9590**

19. Plug Back T.D.: **MD 17344
TVD 9590**

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1834		1500		0	
12.250	9.625 J-55	40.0	0	5590		3450		0	
8.750	5.500 HCP-110	20.0	0	17373		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	8899							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10138	17314	10138 TO 17314		1110	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10138 TO 17314	TREAT WELL W/2,504 BBLs ACID, 10,070,998# SAND & 246,270 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
07/16/2018	07/18/2018	24	→	1399.0	1386.0	1109.0	38.0	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	355	270.0	→	1399	1386	1109	991	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. SI	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 #436155 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPL

Documents pending BLM approvals will subsequently be reviewed and scanned

** ED **

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
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 #436155 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 09/20/2018

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.

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