

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OGD

SEP 20 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMNM053434

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM70986B

2. Name of Operator  
LEGACY RESERVES OPERATING LP

8. Lease Name and Well No.  
LEA UNIT 31H

3. Address P.O. BOX 10848  
MIDLAND, TX 79702

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

9. API Well No.  
30-025-40699

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

10. Field and Pool or Exploratory  
LEA; BONE SPRING

At surface 46' FNL & 1916' FWL

11. Sec., T., R., M., on Block and Survey or Area  
SEC. 12, T-20S, R-37E **34**

At top prod. interval reported below 330' FNL & 1916' FWL

12. County or Parish LEA

13. State NM

At total depth ~~330' FNL & 1916' FWL~~ **460' S & 1959' W**

14. Date Spudded 06/21/2013

15. Date T.D. Reached 08/26/2013

16. Date Completed  D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3651' GL

18. Total Depth: MD 15739'  
TVD 10980.5'

19. Plug Back T.D.: MD 15739'  
TVD 10980.5'

20. Depth Bridge Plug Set: MD N/A  
TVD N/A

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR/ CCL/ CBL

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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
16"	13 3/8"	54.5#	SURFACE	1761'		1075 CLASS C		SURF- CIRC.	
12 1/4"	9 5/8"	40#	SURFACE	5449'		2886 CLASS C		SURF- CIRC.	
8 3/4"	5 1/2"	17#	SURFACE	15,739'		2400 CLASS C		SURF- CIRC.	

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	Perforation Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11,130' MD	15,632' MD	11,130'-15,632' MD	N/A	360	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
11,130'-15,632'	FRAC'D W/ 1,800,000# 20/40 WHITE SAND & 450,000# 20/40 SB EXCEL RESIN COATED SAND IN 20# CROSS-LINKED BORATE FLUID

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/06/13	09/10/13	24	→	975	1041	386	44.8	0.921	FLOWING

28. Production - Interval A

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
28/64	N/A	1060	→	975	1041	386	1068	FLOWING

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
			→						

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

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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

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
				LAMAR	5580'
				BELL CANYON	5750'
				CHERRY CANYON	6477'
				BRUSHY CANYON	7440'
				BONE SPRING	8207'
				U AVALON SH	8786'
				M AVALON CARBONATE	9050'
				1ST BONE SPRING	9469'
				2ND BONE SPRING	10148'
				3RD BONE SPRING	10746'
				3RD BONE SPRING SH TOP	10857'
				3RD BS POROSITY TOP	10888'
				3RD BS POROSITY BASE	10928'
				3RD BONE SPRING SH BASE	10940'

32. Additional remarks (include plugging procedure):

FORMATION LOG MARKERS CONTINUED . . .

NAME	TOP MEASURED DEPTH
WOLFCAMP	11006'

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 K. LEWIS      Title SENIOR ENGINEER  
Signature *Blain K. Lewis*      Date 09/18/2013

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.