

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

a. 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.
NMNM70986B2. Name of Operator
LEGACY RESERVES OPERATING LP8. Lease Name and Well No.
LEA UNIT 31H3. Address
P.O. BOX 10848
MIDLAND, TX 797023a. Phone No. (include area code)
(432) 689-52009. API Well No.
30-025-40699

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

At surface 46' FNL & 1916' FWL

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

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

10. Field and Pool or Exploratory
LEA; BONE SPRING11. Sec., T., R., M., on Block and
Survey or Area SEC. 12, T-20S, R-37E 3412. County or Parish
LEA13. State
NM14. Date Spudded
06/21/201315. Date T.D. Reached
08/26/201316. Date Completed
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3651' GL18. 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	Perforated 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

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

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

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
09/06/13	09/10/13	24	→	975	1041	386	44.8	0.921	FLOWING
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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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