

**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. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 7. Unit or CA Agreement Name and No. \_\_\_\_\_

2. Name of Operator LEGACY RESERVES OPERATING LE-Mail: pdarden@legacyp.com Contact: D. PATRICK DARDEN, PE  
 3. Address 303 W WALL SUITE 1600 MIDLAND, TX 79702 3a. Phone No. (Include Area Code) Ph: 432-689-5200 Ext: 5237  
 8. Lease Name and Well No. LEA UNIT 37H  
 9. API Well No. 30-025-43092-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NWSE 2270FSL 1480FEL  
 At top prod interval reported below Sec 13 T20S R34E Mer NMP  
 At total depth NWNE 330FNL 2188FEL  
 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 NMP  
 12. County or Parish LEA 13. State NM

14. Date Spudded 09/05/2016 15. Date T.D. Reached 09/22/2016 16. Date Completed 06/26/2017  
 D & A  Ready to Prod.  
 17. Elevations (DF, KB, RT, GL)\* 3674 GL

18. Total Depth: MD 18184 TVD 10434 19. Plug Back T.D.: MD 18184 TVD 10434 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)

HOBBS OCD  
APR 02 2018  
RECEIVED

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cements Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1780		1500		0	
17.500	13.375 J-55	54.5	0	1800		1300		0	
12.250	9.625 J-55	40.0	0	5400	3950	1600		0	
12.250	9.625 J-55	40.0	0	5600		1800		0	
8.750	5.500 HCP110	20.0	0	18206		3500		0	
8.750	5.500 P-110	20.0	0	18369		3300		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	10114							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11135	18116	11135 TO 18116		1080	PRODUCING - Bone Spring
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11135 TO 18116	TREAT WELL W/3,591 BBLs ACID, 10,171,752# SAND & 261,266 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
09/21/2017	11/07/2017	24	→	1174.0	615.0	917.0	42.6	0.81	ELECTRIC PUMP SUB-SURFACE

Choke Size SI Tbg. Press. Flwg. 285 Csg. Press. 300.0 24 Hr. Rate → Oil BBL 1174 Gas MCF 615 Water BBL 917 Gas:Oil Ratio 524 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	Production Method
			→						

Choke Size SI Tbg. Press. Flwg. Csg. Press. 24 Hr. Rate → Oil BBL Gas MCF Water BBL Gas:Oil Ratio Well Status

ACCEPTED FOR RECORD

MAR 25 2018

Dinah Negrete

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #399054 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

Reclamation Due: 12/26/2017

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 1ST	9489	10136		BELL CANYON	5567
BONE SPRING 2ND	10136	10868		BRUSHY CANYON	6569
BONE SPRING 3RD	10868	10996		BONE SPRING	8320
BONE SPRING	11270	18329		BONE SPRING 1ST	9489
				BONE SPRING 2ND	10136
				BONE SPRING 3RD	10868

32. Additional remarks (include plugging procedure):  
Directional survey attached. Log will be mailed to 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 #399054 Verified by the BLM Well Information System.**  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (18DW0045SE)

Name (please print) D. PATRICK DARDEN, PE Title SR ENGINEERING ADVISOR

Signature \_\_\_\_\_ (Electronic Submission) Date 12/27/2017

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.

**\*\* REVISED \*\* REVISED \*\***