

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
JAN 30 2018
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. NMNM02127B	
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@legacyp.com		7. Unit or CA Agreement Name and No. 891006455A	
3. Address 303 W WALL SUITE 1600 MIDLAND, TX 79702		8. Lease Name and Well No. LEA UNIT 48H	
3a. Phone No. (include area code) Ph: 432-689-5200 Ext: 5237		9. API Well No. 30-025-43146-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 1 T20S R34E Mer NMP At surface SESW 630FSL 2180FWL At top prod interval reported below Sec 1 T20S R34E Mer NMP At total depth SESW 630FSL 2180FWL		10. Field and Pool, or Exploratory LEA UNKNOWN	
14. Date Spudded 10/15/2016		15. Date T.D. Reached 10/30/2016	
16. Date Completed. <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/30/2017		17. Elevations (DF, KB, RT, GL)* 3675 GL	
18. Total Depth: MD 15068 TVD 9743		19. Plug Back T.D.: MD 15068 TVD 9743	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1724		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 HCL-80	40.0	0	5600		1800		0	
8.750	5.500 P-110	20.0	0	14833		2800		0	
8.750	5.500 HCP-110	20.0	0	15068		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	9125							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10533	14985	10533 TO 14985		540	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10533 TO 14985	TREAT WELL W/1710 BBLS ACID & 5,584,500# SD & 113,000 BBL 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
02/04/2017	02/04/2017	24	→	480.0	465.0	296.0	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	
	325	150.0	→	480	465	296	968	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 #383272 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation due 07/30/2018

ACCEPTED FOR RECORD
JAN 24 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

32. Additional remarks (include plugging procedure):

Directional survey attached. Logs 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 #383272 Verified by the BLM Well Information System.

For LEGACY RESERVES OPERATING LP, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 08/08/2017 (17DMH0177SE)

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

Signature _____ (Electronic Submission)

Date 07/31/2017

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #383272

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM128366	NMNM02127B
Agreement:		891006455A (NMNM70976B)
Operator:	LEGACY RESERVES OPERATING LP 303 W. WALL ST STE 1800 MIDLAND, TX 79701 Ph: 432-689-5200	LEGACY RESERVES OPERATING LP 303 W. WALL SUITE 1600 MIDLAND, TX 79702 Ph: 432-682-2516
Admin Contact:	D. PATRICK DARDEN, PE SR. ENGINEERING ADVISOR E-Mail: pdarden@legacyp.com Ph: 432-689-5200 Ext: 5237	D. PATRICK DARDEN, PE SR ENGINEERING ADVISOR E-Mail: pdarden@legacyp.com Ph: 432-689-5200 Ext: 5237
Tech Contact:	D. PATRICK DARDEN, PE SR. ENGINEERING ADVISOR E-Mail: pdarden@legacyp.com Ph: 432-689-5200 Ext: 5237	D. PATRICK DARDEN, PE SR ENGINEERING ADVISOR E-Mail: pdarden@legacyp.com Ph: 432-689-5200 Ext: 5237
Well Name:	LEA UNIT	LEA UNIT
Number:	48H	48H
Location:		
State:	NM	NM
County:	LEA COUNTY	LEA
S/T/R:	Sec 1 T20S R34E Mer	Sec 1 T20S R34E Mer NMP
Surf Loc:	SESW 630FSL 2180FWL	SESW 630FSL 2180FWL
Field/Pool:	LEA; BONE SPRINGS	LEA
Logs Run:	GR-CCL	GR-CCL
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD BONE SPRING	BONE SPRING BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD
Markers:	BELL BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD BONE SPRING	BELL CANYON BRUSHY CANYON BONE SPRING BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD