

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*File No.  
NMINMO 1747

If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

JUN 10 2019

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No. 891006455A
2. Name of Operator LEGACY RESERVES OPERATING LP Contact: D. PATRICK DARDEN, PE E-Mail: pdarden@legacylp.com		8. Well Name and No. LEA UNIT 32H
3a. Address 303 W WALL SUITE 1600 MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-689-5200	9. API Well No. 30-025-42342-00-S1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T20S R34E SWSE 2FSL 1790FEL 32.344889 N Lat, 103.303775 W Lon		10. Field and Pool or Exploratory Area LEA-BONE SPRING
		11. County or Parish, State LEA COUNTY, NM

## 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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 recompleat 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 recompleat 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.

Legacy Reserves request permission to TA the Lea Unit #32H. The horizontal portion of the well has been plugged back to a depth of 10,017' MD (back up in the vertical section of the well - see attached WBD). Legacy plans to temporarily abandon the well until late this year or early next year at which time it plans to recompleat the well in the Bone Spring Carbonate zones in the vertical section of the well. This TA request is for 2 years.

04/22/19 Ran MIT, pressure casing to 580#. BLM notified but did not witness. Witnessed by Rick Rickman-OCD, chart attached.

**TA Status Approved till 5/01/2020**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #463453 verified by the BLM Well Information System For LEGACY RESERVES OPERATING LP, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 04/30/2019 (19PP1698SE)	
Name (Printed/Typed) D. PATRICK DARDEN, PE	Title SR. ENGINEERING ADVISOR
Signature (Electronic Submission)	Date 04/29/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jonathon Shepard</u>	Title <u>Petroleum Engineer</u>	Date <u>APR 30 2019</u>
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 <u>Carlsbad Field Office</u>		

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.

(Instructions on page 2)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

XZ NMUCD 6-12-19 FOR RECORD ONLY



## Lea Unit #32H

API # 30-025-42342

2' FSL & 1790' FEL, Section 12, T-20-S, R-34-E, Lea County, NM

TVD

ft-RKB

Wellbore Sketch

CURRENT WELLBORE CONDITION

### Surface Cement

- 20 bbl FW Spacer
- Lead: 1345 sx of Class C, 13.50 ppg, 1.73 ft<sup>3</sup>/sx yield
- Tail: 200 sx of Class C, 14.80 ppg, 1.33 ft<sup>3</sup>/sx yield
- Circulated 97 sx/ 30 bbls of cement to surface

13-3/8" @ 1801'  
54.5#, J-55, LTC

### Intermediate Cement

- 40 bbl Gel spacer
- 1st Stage Lead: 800 sx of P/C 35:65, 12.6 ppg, 2.05 ft<sup>3</sup>/sx yield
- 1st Stage Tail: 300 sx of Class C, 14.8 ppg, 1.32 ft<sup>3</sup>/sx yield
- 2nd Stage Lead: 800 sx of P/C 35:65, 12.6 ppg, 2.06 ft<sup>3</sup>/sx yield
- 2nd Stage Tail: 200 sx of Class C, 14.8 ppg, 1.33 ft<sup>3</sup>/sx yield
- Did not circulate cement to surface
- Ran CBL on 20-Sep-2015: Estimated TOC @ 1736'
- Pressure tested 9-5/8" annulus to 500 psi for 30 minutes on 04-Oct-2015

9-5/8" @ 4012'  
40#, J-55, LTC

9-5/8" Stage tool @ 3819'

9-5/8" @ 5400'  
40#, HCL-80, LTC

### Production Cement

- 40 bbl FW Spacer w/ dye
- Lead: 1600 sx of P/H 50:50, 11.90 ppg, 2.47 ft<sup>3</sup>/sx yield
- Tail: 1900 sx of PVL, 12.6 ppg, 1.33 ft<sup>3</sup>/sx yield
- Circulated 795 sx / 350 bbls of cement to surface
- Floats did not hold, held pressure for 6 hours & WOC

#### Wet Shoe Cement Displacement

Displaced cement w/ 10 bbls of sugar water & 35 bbls of 10% Acetic Acid, and rupture plug float equipment

Float Shoe = 2.00'  
Shoe Joint = 44.46'  
Float Collar = 2.25'  
Total Shoe Track = 48.71'  
Top of Float @ ~18,332'

Cmt Plug fr/~10,017'-10,250'

Set down hard @ 10,252'

KOP @ 10,339'

Marker Joint @ 16,086'

EOC TVD: 10,932'

TD TVD: 11,021'

5-1/2" @ 18,381'

MD

20#, HCP-110, GBCD

740'

6854'

7594'

