

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM 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.*5. Lease Serial No.
NMNM01747

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891006455A8. Well Name and No.
LEA UNIT 32H9. API Well No.
30-025-42342-00-S110. Field and Pool or Exploratory Area
LEA-BONE SPRING11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

SEP 24 2018

RECEIVED

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

LEGACY RESERVES OPERATING LP-Mail: pdarden@legacylp.com

Contact: D. PATRICK DARDEN, PE

3a. Address

303 W WALL SUITE 1600
MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-689-5200

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

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 approval to partially plug and abandon the Lea Unit #32H. The well is completed in the 3rd Bone Spring Sand with parted and collapsed casing @ ~9,998' (just above the curve in the vertical section of the well). Legacy would like to keep the vertical section of the well above the collapsed casing for future development in the carbonate zones. Legacy's proposed partial plugging is as follows:

- Set cement retainer (CR) @ ~9,990'.
- Pump ~430sx Class H cement below CR. NOTE: cmt will be placed on top of CR later after the Bone Spring 2nd Carbonate Zone has been produced & depleted.

See attached well bore diagrams for current and proposed well bore conditions.

Plug back within 90 days. Good for 6 months, submit plans.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #430338 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/08/2018 (18DLM0471SE)

Name (Printed/Typed) D. PATRICK DARDEN, PE

Title SR. ENGINEERING ADVISOR

Signature (Electronic Submission)

Date 08/08/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

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 **

FOR RECORD ONLY
NMCD 09/27/18

Additional data for EC transaction #430338 that would not fit on the form

32. Additional remarks, continued

PLEASE DISREGARD PREVIOUS SUNDRY FOR RECOMPLETION OF THIS WELL. EC# 428906 SUBMITTED ELECTRONICALLY ON 07/26/18.



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 ft³/sx yield
- Tail: 200 sx of Class C, 14.80 ppg, 1.33 ft³/sx yield
- Circulated 97 sx/ 30 bbls of cement to surface

T/salt 2070

Tens: 11 3153

Yates 3500

2nd stage TOC (T/s) 5-3', CBL Tol 1736

1st stage Did Not Circ.

3854

3945 SA

5610

5567

Brushy Cyn 6569

Bone Spring 8320

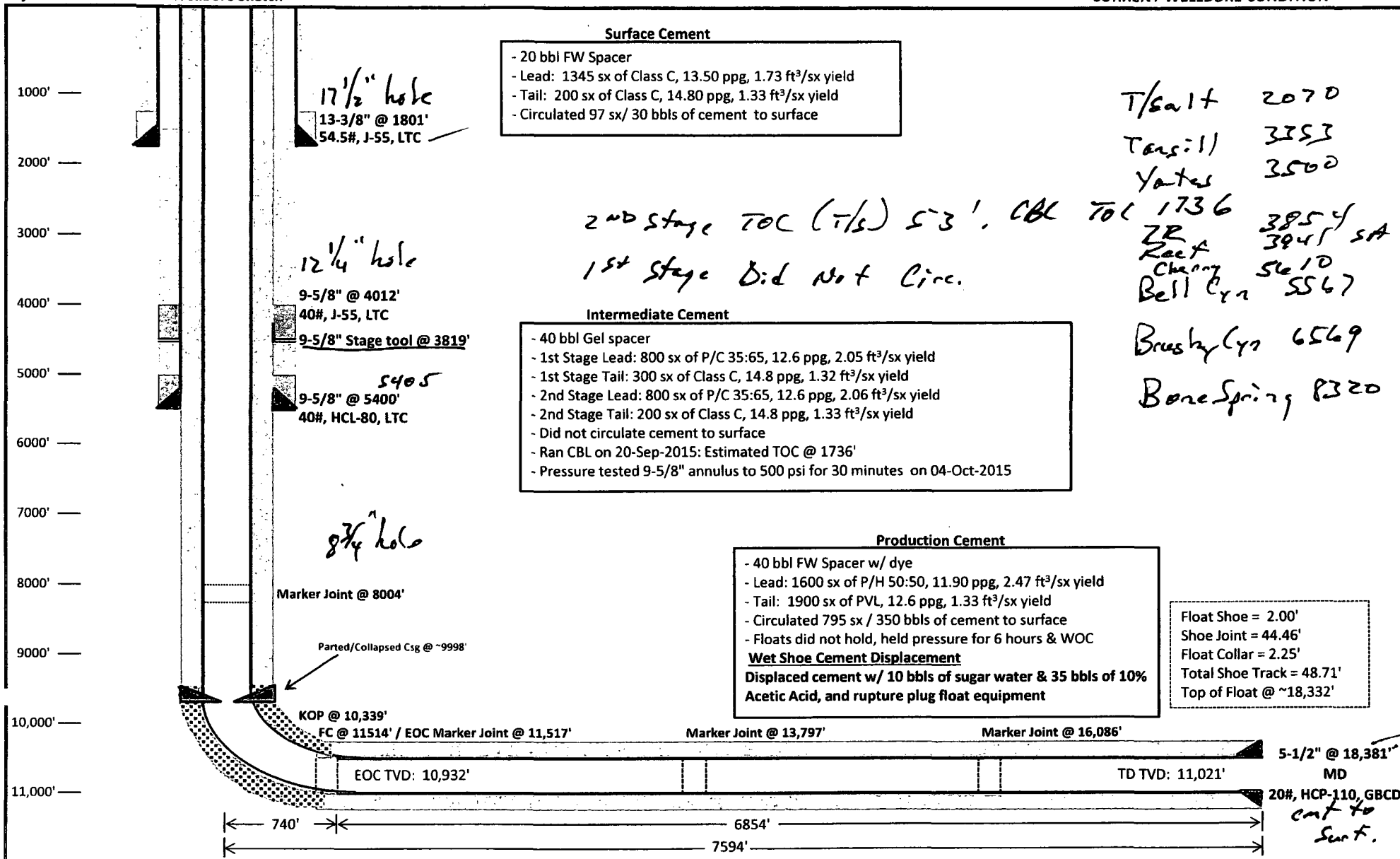
Intermediate Cement

- 40 bbl Gel spacer
- 1st Stage Lead: 800 sx of P/C 35:65, 12.6 ppg, 2.05 ft³/sx yield
- 1st Stage Tail: 300 sx of Class C, 14.8 ppg, 1.32 ft³/sx yield
- 2nd Stage Lead: 800 sx of P/C 35:65, 12.6 ppg, 2.06 ft³/sx yield
- 2nd Stage Tail: 200 sx of Class C, 14.8 ppg, 1.33 ft³/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

Production Cement

- 40 bbl FW Spacer w/ dye
- Lead: 1600 sx of P/H 50:50, 11.90 ppg, 2.47 ft³/sx yield
- Tail: 1900 sx of PVL, 12.6 ppg, 1.33 ft³/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'





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