

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

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.

JAN 28 2019

5. Lease Serial No.  
NMNMO1747

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. LEA UNIT 32H
2. Name of Operator LEGACY RESERVES OPERATING LP Contact: D. PATRICK DARDEN, PE Mail: pdarden@legacylp.com		9. API Well No. 30-025-42342
3a. Address 303 W WALL ST STE 1800 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-689-5200 Ext: 5237	10. Field and Pool or Exploratory Area LEA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T20S R34E SWSE 2FSL 1790FEL		11. County or Parish, State LEA CO COUNTY, NM

**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 type="checkbox"/> Plug and Abandon	<input 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 recomplete 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 recompletion 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 recomplete the Lea Unit #32H in the Bone Spring Carbonate zones in the vertical section of the plugged back wellbore. Legacy's planned procedure for this work is as follows:

- If needed drillout cmt to ~10,200'.
- Perf, treat & test Bone Spring Carbonate zones fr/ ~9,900'-10,200'.
- Return well to production on Beam Pumping Equipment in Bone Spring Carbonate zones.

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

*Re-submitted per BLM's request. Initial FC#448845. See attached.*

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #451434 verified by the BLM Well Information System  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs

Name (Printed/Typed) D. PATRICK DARDEN, PE Title SR. ENGINEERING ADVISOR

Signature (Electronic Submission) Date 01/22/2019

**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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***



# Lea Unit #32H

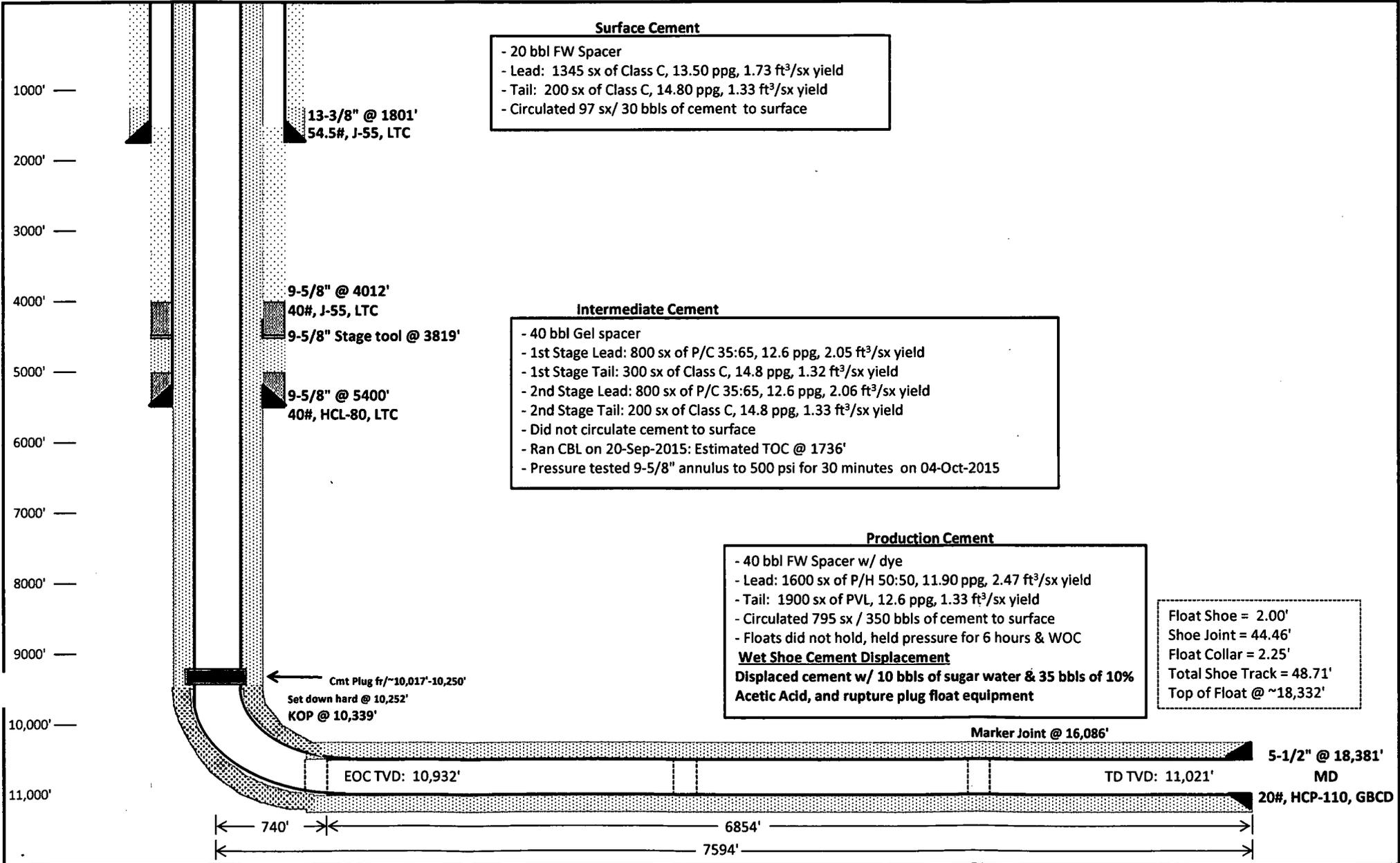
API # 30-025-42342

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

CURRENT WELLBORE CONDITION

TVD  
ft-RKB

Wellbore Sketch



### 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

### 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

### 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'

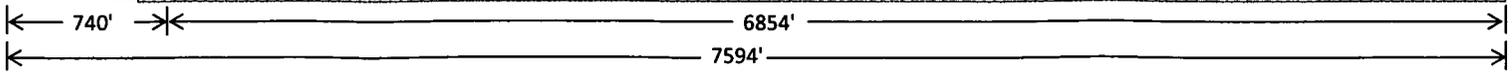
Cmt Plug fr/~10,017'-10,250'  
Set down hard @ 10,252'  
KOP @ 10,339'

Marker Joint @ 16,086'

EOC TVD: 10,932'

TD TVD: 11,021'

5-1/2" @ 18,381'  
MD  
20#, HCP-110, GBCD

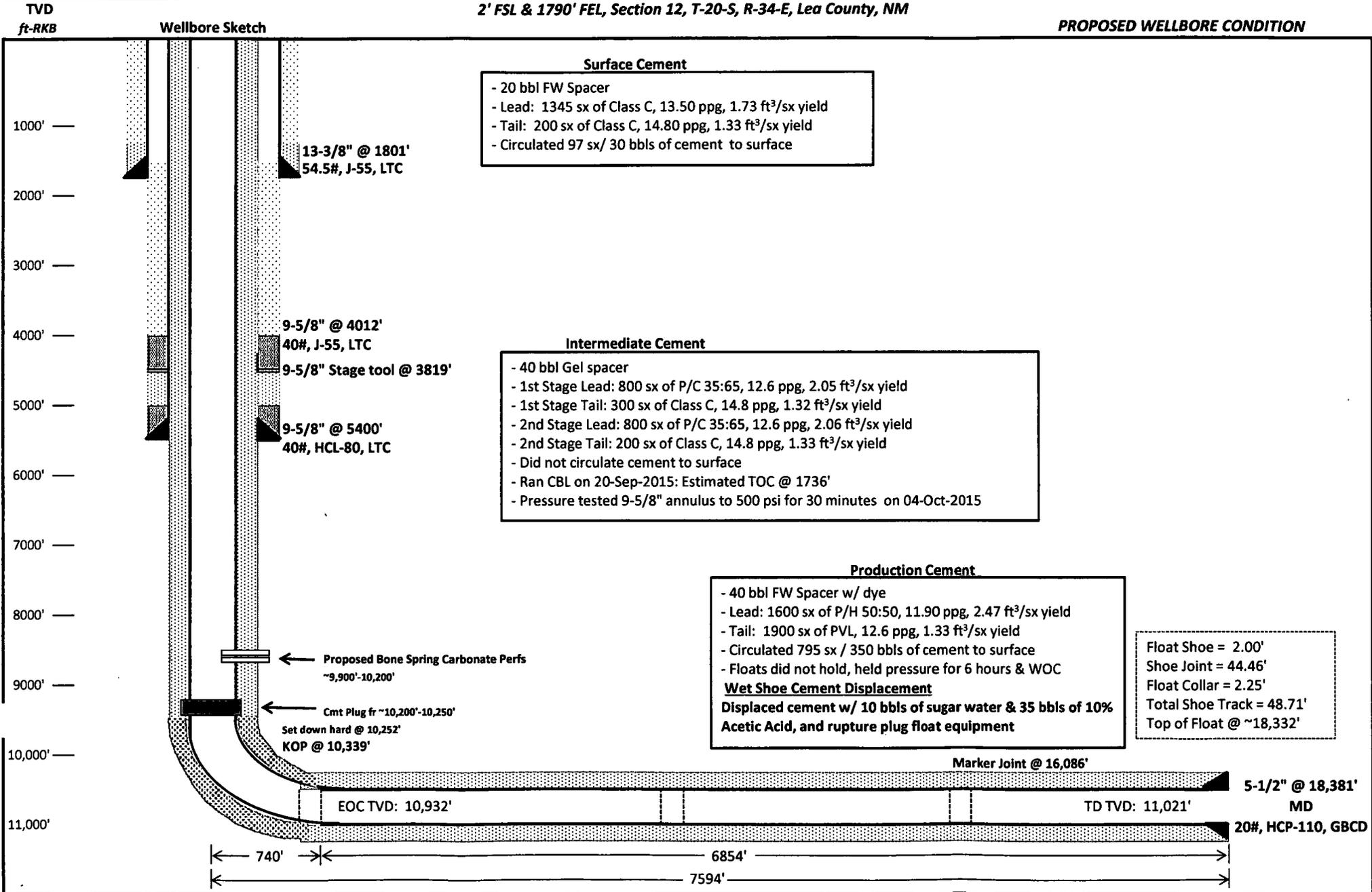




**Lea Unit #32H**  
**API # 30-025-42342**

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

**PROPOSED 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
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- 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'

**Laura Pina**

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**From:** Laura Pina  
**Sent:** Tuesday, January 22, 2019 1:41 PM  
**To:** Pat Darden  
**Subject:** RE: EC Tran 448845 Rejected

Yes, I'm working on it. I received a handful of rejected sundry's including this one.

It's for the Lea Unit #32H NOI to Recomplete.

Thanks,  
Laura Piña  
NM Compliance Coordinator  
Legacy Reserves Operating LP  
432.689.5273

-----Original Message-----

**From:** Pat Darden  
**Sent:** Tuesday, January 22, 2019 1:37 PM  
**To:** Laura Pina  
**Subject:** FW: EC Tran 448845 Rejected  
**Importance:** High

Can you please take care of the request below.  
Also, which well is this?

Thanks,  
Pat

-----Original Message-----

**From:** PPEREZ@BLM.GOV (mailto:PPEREZ@BLM.GOV)  
**Sent:** Tuesday, January 22, 2019 1:05 PM  
**To:** Pat Darden  
**Subject:** EC Tran 448845 Rejected

Due to system problems, the attachments are not pulling up. Can you please resubmit. Thank You.