

LRE OPERATING, LLC  
**WILLIAMS B FEDERAL #9**  
 Artesia; Glorieta-Yeso & Red Lake, San Andres  
 E Section 29 T17S R28E  
 2/11/2016  
 API#: 30-015-39238

## Commingle Allocation Calculations

On 9/28/11, the Yeso (lower zone) was completed as a new well. On 11/13/14, the well was recompleted to the San Andres (upper zone) & tested alone on 12/1/14 for 20 BOPD, 30 MCF/D, & 180 BWPD. The Yeso was last tested on 11/12/11 for 38 BOPD, 54 MCF/D, & 304 BWPD. As per EGF, the pool allocations are now being fine-tuned after the DHC.

	Upper Zone (SA)	+	Lower Zone (YESO)	=	Total
Total Oil (bbls/d)	20	+	38	=	58
Total Gas (mcf/d)	30	+	54	=	84
Total Water (bbls/d)	180		304	=	484

### OIL

Upper Zone (SA) = 20 BOPD  
 Total oil = 58 BOPD  
 % Upper Zone =  $\frac{20}{58} = \underline{35\%}$

Lower Zone (Yeso) = 38 BOPD  
 % Lower Zone =  $\frac{38}{58} = \underline{65\%}$

### GAS

Upper Zone (SA) = 30 MCF/D  
 Total gas = 84 MCF/D  
 % Upper Zone =  $\frac{30}{84} = \underline{36\%}$

Lower Zone (Yeso) = 54 MCF/D  
 % Lower Zone =  $\frac{54}{84} = \underline{64\%}$

### WATER

Upper Zone (SA) = 180 BWPD  
 Total Water = 484 BWPD  
 % Upper Zone =  $\frac{180}{484} = \underline{37\%}$

Lower Zone (Yeso) = 304 BWPD  
 % Lower Zone =  $\frac{304}{484} = \underline{63\%}$

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.  
NMLC046250B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
WILLIAMS B FEDERAL 9

9. API Well No.  
30-015-39238-00-S1

10. Field and Pool, or Exploratory  
ARTESIA

11. County or Parish, and State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
LRE OPERATING LLC  
Contact: MIKE PIPPIN  
E-Mail: mike@pippinllc.com

3a. Address  
1111 BAGBY SUITE 4600  
HOUSTON, TX 77002

3b. Phone No. (include area code)  
Ph: 505-327-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 29 T17S R28E SWNW 1650FNL 330FWL

**12. CHECK 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/13/15, MIRUSU. TOH w/rods, pump, & tbg. Drill out CBP @ 3190' & CO to PBDT3613'. On 4/15/15, landed 2-7/8" 6.5# J-55 tbg @ 3494'. Ran pump & rods. Completed well commingled in the Red Lake, San Andres (97253) and the Artesia, Glorieta-Yeso (96830) as per the approved BLM DHC application & State order DHC-4652.

San Andres Perfs: 2004'-3163'  
Yeso Perfs: 3210'-3502'

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #298387 verified by the BLM Well Information System**  
**For LRE OPERATING LLC, sent to the Carlsbad**  
**Committed to AFMSS for processing by DINAH NEGRETE on 06/03/2015 (15DCN0119SE)**

Name (Printed/Typed) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature (Electronic Submission) Date 04/16/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By **ACCEPTED** Title SENIOR PAT Date 06/03/2015

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 Carlsbad

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.

**Additional data for EC transaction #298387 that would not fit on the form**

**32. Additional remarks, continued**

**Revisions to Operator-Submitted EC Data for Sundry Notice #298387**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	SUBCOM SR	SUBCOM SR
Lease:	NMLC046250B	NMLC046250B
Agreement:		
Operator:	LRE OPERATING, LLC C/O MIKE PIPPIN 3104 N. SULLIVAN FARMINGTON, NM 87401 Ph: 505-327-4573	LRE OPERATING LLC 1111 BAGBY SUITE 4600 HOUSTON, TX 77002 Ph: 713.292.9510
Admin Contact:	MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com  Ph: 505-327-4573	MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com  Ph: 505-327-4573
Tech Contact:	MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com  Ph: 505-327-4573	MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com  Ph: 505-327-4573
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	RED LAKE,SAN ANDRES 97253	ARTESIA
Well/Facility:	WILLIAMS B FEDERAL 9 Sec 29 T17S R28E SWNW 1650FNL 330FWL	WILLIAMS B FEDERAL 9 Sec 29 T17S R28E SWNW 1650FNL 330FWL