

NM OIL CONSERVATION
UNITED STATES ARTESIA DISTRICT
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DEC 21 2017FORM 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.
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 109. API Well No.
30-015-4177810. Field and Pool or Exploratory Area
RED LAKE, SAN ANDRES 9725311. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
VANGUARD OPERATING, LLCContact: MIKE PIPPIN
E-Mail: MIKE@PIPPINLLC.COM3a. Address
C/O MIKE PIPPIN 3104 N. SULLIVAN
FARMINGTON, NM 874013b. 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 SENW 1650FNL 2285FWL

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 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 recompleate 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 recompleation 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.

THIS IS FOR A RECOMPLETION FROM YESO TO THE SAN ANDRES.

On 11/20/17, MIRUSU. TOH w/rods, pump, & tbg. On 12/9/17, set a 5-1/2" CBP @ 3300' & PT CBP & 5-1/2" csg to 3500 psi-OK. (Existing Yeso perms are at 3350'-3510'). On 12/9/17, PT 5-1/2" csg to 700 psi w/certified chart recorder for 30 min as per COA from the BLM (see the attached chart). Perfed lower SA @ 2740'-3101' w/36 holes. On 12/11/17, treated new perms w/1000 gal 15% HCL & frac w/30,233# 100 mesh & 313,825# 40/70 white sand in slick water. Spotted 500 gal 15% HCL over next stage. Set a 5-1/2" CBP @ 2700' & PT to 3500 psi-OK. Perfed middle SA @ 2390'-2661' w/32 holes. Treated new perms w/1000 gal 15% HCL & frac w/30,642# 100 mesh & 266,746# 40/70 white sand in slick water. Spotted 500 gal 15% HCL across next stage. Set a 5-1/2" CBP @ 2340' & PT to 3500 psi-OK. Perfed upper SA @ 2024'-2281' w/33 holes. Treated new

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

**Electronic Submission #398576 verified by the BLM Well Information System
For VANGUARD OPERATING, LLC, sent to the Carlsbad**

Name (Printed/Typed) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 12/20/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title

Pending BLM approvals will
subsequently be reviewed
and scanned

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 knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

the United

(Instructions on page 2)

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

Additional data for EC transaction #398576 that would not fit on the form

32. Additional remarks, continued

perfs w/1500 gal 15% HCL & frac w/29,485# 100 mesh & 178,369# 40/70 white sand in slick water. On 12/13/17, MIRUSU. CO after frac & drilled out CBPs @ 2340' & 2700', & CO to CBP @ 3300'. Landed 2-7/8" 6.5# J-55 production tbg @ 3115'. Ran pump & rods. Released workover rig on 12/19/17. Completed as a single San Andres oil well with Yeso perfs SI below CBP @ 3300'. Following a test of the SA alone the CBP @ 3300' will be removed and the well DHC as per the approved BLM DHC application and State order DHC-4745.