

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATIONS OF CIMAREX ENERGY CO.  
FOR A HORIZONTAL SPACING UNIT  
AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**CASE NOS. 23448-23455**

**APPLICATIONS OF CIMAREX ENERGY CO.  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**CASE NOS. 23594-23601**

**APPLICATIONS OF READ & STEVENS, INC.  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NOS. 23508-23523**

**NOTICE OF SUPPLEMENTAL EXHIBIT C-12 AND REVISED EXHIBIT F-3**

Read & Stevens, Inc., applicant in the above-referenced cases, gives notice that it is filing the attached supplemental exhibit and revised exhibit for acceptance into the record.

**Supplemental Exhibit C-12** is a letter of support from Chase Oil Corporation, a working interest owner in the above-referenced contested cases.

**Revised Exhibit F-3** is a revised copy of the Gross Isopach – TBSG & Wolfcamp diagram correcting the Verna Rae wells used in the engineering analysis.

Respectfully submitted,

HOLLAND & HART LLP



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**ATTORNEYS FOR READ & STEVENS, INC. &  
PERMIAN RESOURCES OPERATING, LLC**

**CERTIFICATE OF SERVICE**

I hereby certify that on August 2, 2023, I served a copy of the foregoing document to the following counsel of record via Electronic Mail:

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Adam G. Rankin

# CHASE OIL CORPORATION

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August 1, 2023

Read & Stevens, Inc.  
c/o Permian Resources LLC  
300 N. Marienfeld Street, Suite 1000  
Midland, Texas 79701

RE: Bane Development  
Township 20 South, Range 34 East  
Sections 4 & 9

To Whom It May Concern:

The purpose of this letter is for Chase Oil Corporation, an impacted working interest owner in the above-referenced development, to adopt and ratify the statements and conclusions in the letter dated July 13, 2023 between Permian Resources LLC & Northern Oil & Gas, Inc. concerning the same.

Sincerely,

**Chase Oil Corporation**



Staci D. Sanders  
Vice President - Land



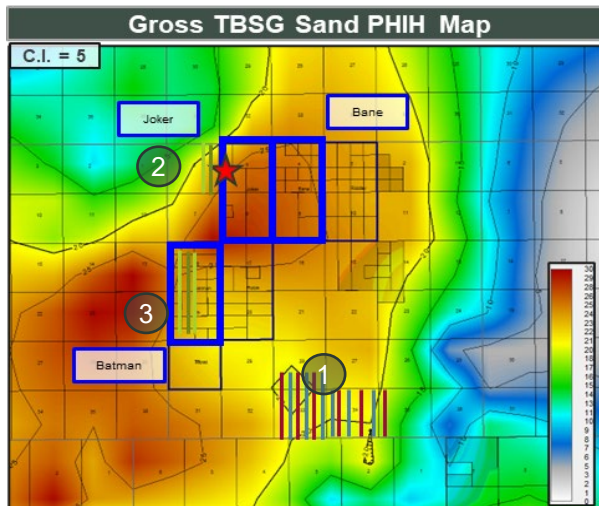
# Key Examples of TBSG/WFMP A Co-Development

Limited Co-Development Testing in Geologically Analogous Rock

## Locator Maps Against Pay Mapping

### TBSG

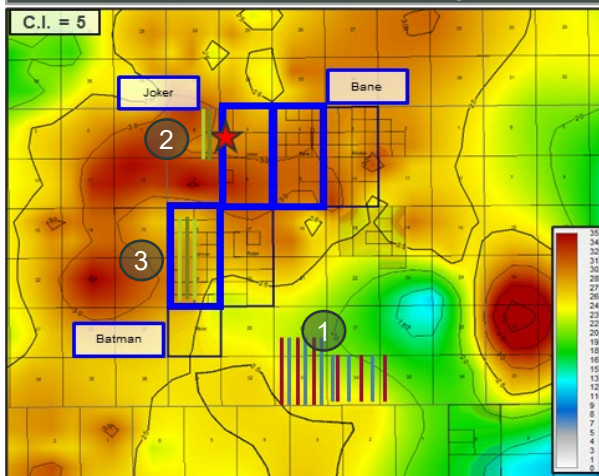
Consistent mapped pay quality in the TBSG Sand across key appraisals



### WFMP\_A

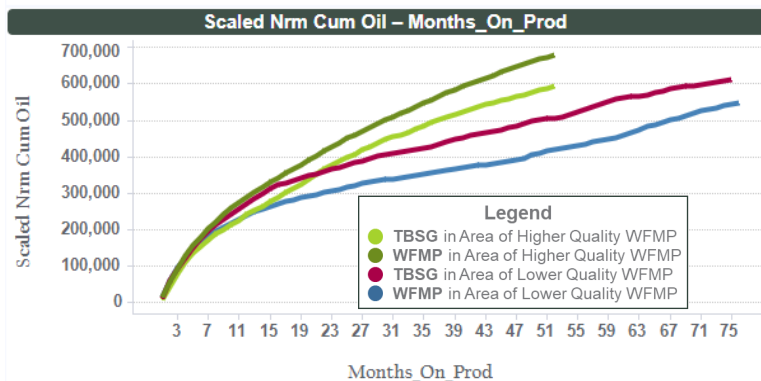
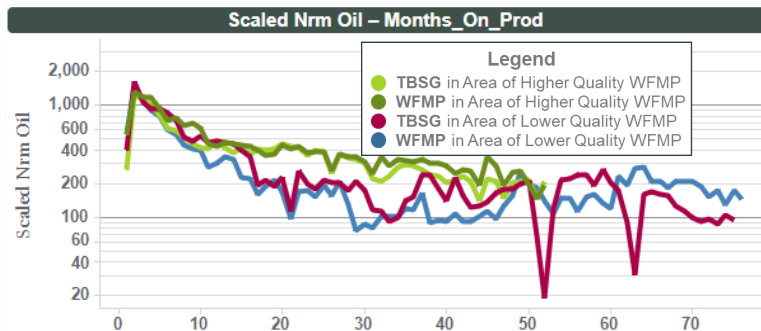
Consistent mapped pay quality in the areas 2, 3, and the Joker/Bane units

Degrading mapped pay quality area 1



① Denotes area of lower quality WFMP  
② Denotes area of higher quality WFMP

## Well Results



## Commentary

Examples of co-development between the TBSG and WFMP have returned very different results in areas of differing WFMP quality

When co-developed with the TBSG, WFMP\_A results have been very strong in the higher quality WFMP analogous to the pay in the Joker and Bane units

Production normalized to 10,000'

Revised Exhibit F-3