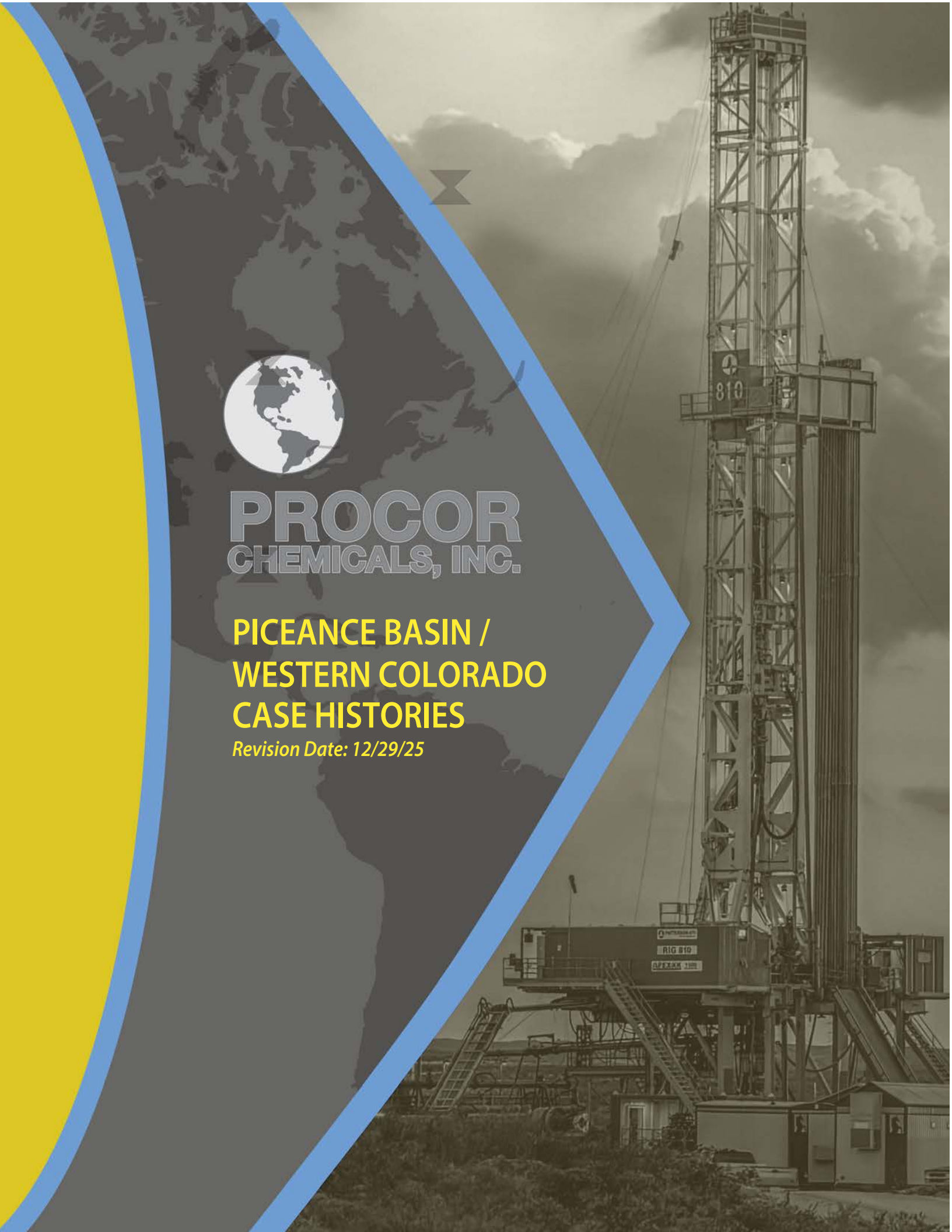




PROCOR
CHEMICALS, INC.

**PICEANCE BASIN /
WESTERN COLORADO
CASE HISTORIES**

Revision Date: 12/29/25





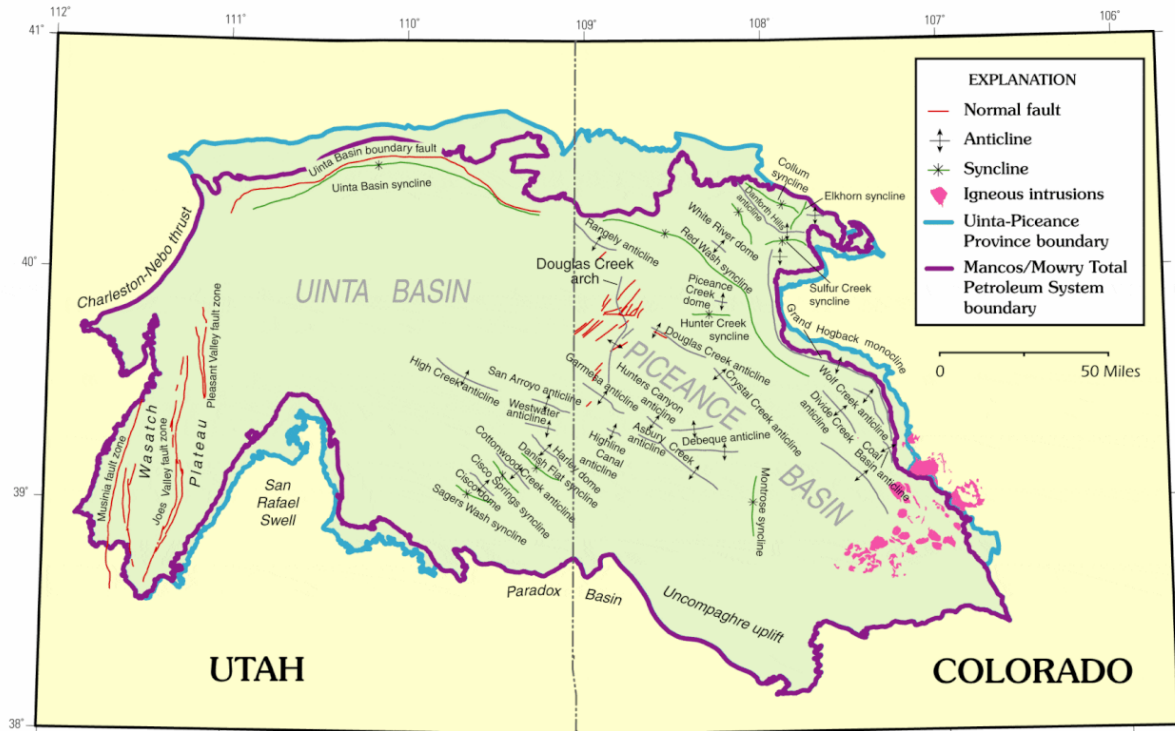
Date: 12/29/25

PICEANCE BASIN / WESTERN COLORADO OPERATORS

CUSTOMER LIST

Company

QB Energy



Piceance Basin / Western Colorado Case History:

- Rio Blanco County, CO - PRO V+, PROX, PRO SweepAid, SB SuperCeal, PRO HG

Date: 12/29/25
Operator: QB Energy
Well: ELU M12 FED 14D-12-496
Field: Piceance
County: Rio Blanco County, CO
Rig: Nabors B04

Challenges:

Arrive and check in 12/26/25. Begin drilling, drill out and FIT, begin drilling ahead, work on pumps and stand pipe, continue drilling ahead F/ 3060' T/ 6250', well began losing fluid. Pump 10 bbl sweep (10ppb PRO V+, 10ppb PRO SweepAid, 10ppb SB Superceal), due to losses decision made to pull 5 stands and build volume, decision made to POOH for BHA, pump remaining 45 bbls of sweep mix and POOH. Mix another 80 bbls of sweeps at same concentration, TIH reaming last two stands and resume drilling. LCM and heavy cuttings observed at B/U, pump 20 bbl sweep, heavy cuttings and LCM observed at B/U, reduce sweeps to 10 bbls/sweep and pump at every connection with shakers not blinding. Drill ahead T/ 7785' with some losses downhole. Plan ahead is to increase sweeps to 40ppb, adding 10ppb Pro X to existing sweep recipe and possibly increase to 15-20 bbls/sweep, observing shakers and adjusting as needed. Mud Company chemicals were squeezed before my arrival with some but not enough success or pressure

Solutions/ Product Recommendation:

Recommended 40 bbl pill at 80 ppb (30PV 30PX 15PSA 5SBSC) Recommendation followed. PV+ 48 sacks 30ppb, PX 48 sacks 30ppb, PSA 24 sacks 15ppb, SBSC 8 sacks 5ppb.

Results

Products mixed in mixing hopper to slugging pit on rig. Pumped using rig mud pumps. Pill spotted at 2300' just below shoe. No problems encountered during this mixing procedure and no issues pumping products down to desired depth. After pumping and squeezing, desired pressure and MWE achieved, rig able to drill ahead with no issues. Procedure went as planned with obvious results observed, problem solved